



JAMES R. MORRIS, VICE PRESIDENT

Duke Energy Carolinas, LLC
Catawba Nuclear Station
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York, SC 29745

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September 11, 2008

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

Subject: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Unit 1
Docket Number 50-413
Inservice Inspection Report and Steam
Generator In-service Inspection Summary
Report for End of Cycle 17 Refueling
Outage

Please find attached the subject reports which provide the results of the inservice inspection and the steam generator inspection associated with the subject outage. Note that the Steam Generator In-service Inspection Summary Report being submitted herein fulfills the requirements of both the ASME Code and Catawba Technical Specification 5.6.8, "Steam Generator (SG) Tube Inspection Report".

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

If you have any questions concerning this material, please call L.J. Rudy at (803) 701-3084.

Very truly yours,

George T. Hamrick
for James R. Morris

James R. Morris

LJR/s

Attachments

Document Control Desk
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xc (with attachments):

L.A. Reyes, 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 G9A
Washington, D.C. 20555-0001

FORM NIS-1 (Back)

8. Examination Dates December 30, 2006 to June 21, 2008
9. Inspection Period Identification: First Period
10. Inspection Interval Identification: Third Interval
11. Applicable Edition of Section XI 1998 Addenda 2000
12. Date/Revision of Inspection Plan: June 26, 2008 / Revision 1

13. Abstract of Examinations and Test. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. See Sections 2.0, 3.0 and 6.0
14. Abstract of Results of Examination and Tests. See Sections 4.0 and 6.0
15. Abstract of Corrective Measures. See Subsection 4.3

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

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

Date 9/8/08 Signed Duke Energy Carolinas, LLC By Mark GB
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of NC employed by * HSBCT have inspected the components described in this Owners' Report during the period 12-30-06 to 9-8-08, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners' Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this 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. Gill Commissions NC978 INA
Inspector's Signature National Board, State, Province, and Endorsements

Date 9-8-08

* HSBCT
200 Ashford Center North
Suite 205
Atlanta, GA. 30338-4860
(800) 417-3721
www.hsbct.com

INSERVICE INSPECTION REPORT

CATAWBA – UNIT 1

2008 REFUELING OUTAGE

EOC17 (OUTAGE 2)

Location: 4800 Concord Road, York, South Carolina 29745

NRC Docket No. 50-413

National Board No. 130

Commercial Service Date: June 29, 1985

Owner: Duke Energy Carolinas, LLC
526 South Church Street
Charlotte, NC 28201-1006

Revision 0

Originated By:	<u>A. J. Hogge, Jr.</u>	Date	<u>8/25/08</u>
Checked By:	<u>Larry C. Keith</u>	Date	<u>9-8-08</u>
Approved By:	<u>Mark B.</u>	Date	<u>9/8/08</u>

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Program (SXIP) (Original)
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1.0 General Information

This report describes the Inservice Inspection of Duke Energy's Catawba Nuclear Station Unit 1 during the 2008 Refueling Outage, also referred to as EOC 17 (Outage 2), which is the second 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	Ionics, Inc.	1S-86P764	N/A	584
Reactor Coolant Pump 1B	Ionics, Inc.	2S-86P764	N/A	585
Reactor Coolant Pump 1C	Ionics, Inc.	3S-86P764	N/A	330
Reactor Coolant Pump 1D	Ionics, Inc.	4S-86P764	N/A	331

Identification Numbers (Continued)

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

Identification Numbers (Continued)

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Diesel Generator Air Intake and Exhaust 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 Chilled 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 Removal Pump	Ingersol - Rand	1A 077645 1B 077646	N/A N/A	231 232
Containment Spray Pump	Bingham - Willamette	1A 230340 1B 230341	N/A N/A	213 214
Safety Injection Pump	Pacific Pumps	1A 49359 1B 49360	N/A N/A	232 233
Centrifugal Charging Pump	Pacific Pumps	1A 49778 1B 49779	N/A N/A	256 259
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) for the applicable components and welds shown in ASME Section XI Appendix I.

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.

Problem Investigation Process (PIP) # C-08-04809

This PIP was written to track the correctives actions for limited coverage on UT examinations of welds that were inspected during EOC17 for Unit 1.

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

Hartford Steam Boiler of Connecticut (HSBCT) is responsible for the third party inspections required by ASME Section XI.

Authorized Nuclear Inservice Inspector(s)

Name: R. N. McGill
K. C. Douthit

Employer: HSBCT

Business Address: 200 Ashford Center North
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

<i>Examination Category</i>	<i>Description</i>	<i>Inspections Required</i>	<i>Inspections Completed</i>	<i>Percentage Completed</i>	<i>Deferral Allowed¹</i>
B-A	Pressure Retaining Welds in Reactor Vessel	15	1.5	10%	Yes
B-B	Pressure Retaining Welds in Vessels Other than Reactor Vessels	5	1	20%	No
B-D	Full Penetration Welds of Nozzles in Vessels	36	6	16.67%	Partial
B-E	Pressure Retaining Partial Penetration Welds in Vessels	Reference Section 6.0 Of This Report			
B-F	Pressure Retaining Dissimilar Metal Welds	20	4	20%	No
B-G-1	Pressure Retaining Bolting Greater than 2 Inch Diameter	233	117	50.21%	Yes
B-G-2	Pressure Retaining Bolting 2 Inches and Less in Diameter	27	13	48.15%	No
B-J	Pressure Retaining Welds in Piping	230	63	27.39%	No

Class 1 Inspections (Continued)

<i>Examination Category</i>	<i>Description</i>	<i>Inspections Required</i>	<i>Inspections Completed</i>	<i>Percentage Completed</i>	<i>Deferral Allowed</i>
B-K	Integral Attachments for Piping, Pumps and Valves	5	1	20%	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	6	5	83.33%	Yes
B-N-1	Interior of Reactor Vessel	3	1	33.33%	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-O	Pressure Retaining Welds in Control Rod Housings	3	0	0%	Yes
B-P	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT			
B-Q	Steam Generator Tubing	See Note 2 below			
F-A	Class 1 Component Supports	75	22	29.33%	No
Q-A	Weld Overlays	2	0	0%	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 Category	Description	Inspections Required	Inspections Completed	Percentage Completed
C-A	Pressure Retaining Welds in Pressure Vessels	29	10	34.48%
C-B	Pressure Retaining Nozzle Welds in Vessels	13	6	46.15%
C-C	Integral Attachments for Vessels, Piping, Pumps and Valves	30	12	40%
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	255	66	25.88%
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	91	30	32.97%
C-G	Pressure Retaining Welds in Pumps and Valves	22	7	31.82%
C-H	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT		
F-A	Class 2 Component Supports	285	94	32.98%

Augmented/Elective Inspections

<i>Description</i>	<i>Percentage Complete</i>
Pressurizer Manway Diaphragm Seal Weld – Bare Metal Visual NRC Bulletin 2004-01	100% of requirements for Outage 1/EOC17
Reactor Pressurizer Vessel Closure Head Stud Inspection Per Nuclear Guide 1.65	100% of requirements for Outage 1/EOC17

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:

SUMMARY 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 NUMBER	=	Location and/or Detail Drawings
PROC	=	Examination Procedures
INSP REQD	=	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

DUKE ENERGY
NUCLEAR TECHNIC SERVICES
Inservice Inspection Database Management System
Plan Report
Catawba 1, 3rd Interval, Outage 2 (EOC-17)

This report includes all changes through addendum 3CNS1-029

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C1.G6.2.0001 1PZR-MANWAY Circumferential	NC Class 1	CNM 1201.01-175/1 CNM 1201.01-175/2	NDE-68	VT-2	SS-CS		0.000 / 0.000		Pressurizer Manway Diaphragm Seal Weld. Bare Metal Visual Examination by VT-2 qualified inspector. Examine the gap between the Pressurizer Manway Cover and Manway for evidence of diaphragm plate seal weld leakage. (For responsible individual, contact J.M. Shuping, Alloy 600 Engineer Nuclear Technical Services). Reference NRC Bulletin 2004-01.
								G06.002.001	
C1.G9.1.0019 1RPV-743-31-03	NC Class 1	CNM 1201.01-0032 RDM 30738-1544	NDE-25	MT	CS		64.560 / 7.000		Reactor Vessel Closure Head Stud. Inspect per Nuclear Guide 1.65. Stud to be removed from vessel for MT exam, evaluate exam results to NDE-25 appendix B (Section III NB-2545).
								G09.001.019	
C1.G9.1.0020 1RPV-743-32-03	NC Class 1	CNM 1201.01-0032 RDM 30738-1544	NDE-25	MT	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut. Inspect per Nuclear Guide 1.65. Nut to be removed from vessel for MT exam, evaluate exam results to NDE-25 appendix B (Section III NB-2545).
								G09.001.020	
C1.G9.1.0021 1RPV-743-31-07	NC Class 1	CNM 1201.01-0032 RDM 30738-1544	NDE-25	MT	CS		64.560 / 7.000		Reactor Vessel Closure Head Stud. Inspect per Nuclear Guide 1.65. Stud to be removed from vessel for MT exam, evaluate exam results to NDE-25 appendix B (Section III NB-2545).
								G09.001.021	
C1.G9.1.0022 1RPV-743-32-07	NC Class 1	CNM 1201.01-0032 RDM 30738-1544	NDE-25	MT	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut. Inspect per Nuclear Guide 1.65. Nut to be removed from vessel for MT exam, evaluate exam results to NDE-25 appendix B (Section III NB-2545).
								G09.001.022	
C1.G9.1.0023 1RPV-743-31-55	NC Class 1	CNM 1201.01-0032 RDM 30738-1544	NDE-25	MT	CS		64.560 / 7.000		Reactor Vessel Closure Head Stud. Inspect per Nuclear Guide 1.65. Stud to be removed from vessel for MT exam, evaluate exam results to NDE-25 appendix B (Section III NB-2545).
								G09.001.023	

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num, Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category B-D										
C1.B3.120.0002 1PZR-W2 Circumferential	NC Class 1	CNM 1201.01-175/1 CNM 1201.01-175/2	NDE-680	UT	CS		3.750 / 12.750	50237D	Pressurizer Spray Nozzle to Upper Head (Inside Radius Section). Nozzle to Head	B03.120.002
C1.B3.120.0003 1PZR-W3 Circumferential	NC Class 1	CNM 1201.01-175/1 CNM 1201.01-175/2	NDE-680	UT	CS		3.750 / 15.000	50237D	Pressurizer Relief Nozzle to Upper Head (Inside Radius Section). Y-Z Quadrant. Nozzle to Head	B03.120.003
C1.B3.140.0003 1SGB-INLET Circumferential	NC Class 1	CNM 1201.01-609 CNM 1201.01-618	NDE-680	UT	CS		6.125 / 39.000	50235	Steam Generator 1B Primary Inlet Nozzle to Lower Head (Inside Radius Section). Y1-X1 Quadrant.	B03.140.003
C1.B3.140.0004 1SGB-OUTLET Circumferential	NC Class 1	CNM 1201.01-609 CNM 1201.01-618	NDE-680	UT	CS		6.125 / 39.000	50235	Steam Generator 1B Primary Outlet Nozzle to Lower Head (Inside Radius Section). Y2-X1 Quadrant.	B03.140.004
Category B-G-1										
C1.B6.10.0001 1RPV-743-32-01	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.	B06.010.001
C1.B6.10.0002 1RPV-743-32-02	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.	B06.010.002
C1.B6.10.0003 1RPV-743-32-03	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.	B06.010.003
C1.B6.10.0004 1RPV-743-32-04	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.	B06.010.004

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1								
C1.B6.10.0005 1RPV-743-32-05	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.005
C1.B6.10.0006 1RPV-743-32-06	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.006
C1.B6.10.0007 1RPV-743-32-07	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.007
C1.B6.10.0008 1RPV-743-32-08	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.008
C1.B6.10.0009 1RPV-743-32-09	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.009
C1.B6.10.0010 1RPV-743-32-10	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.010
C1.B6.10.0011 1RPV-743-32-11	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.011
C1.B6.10.0012 1RPV-743-32-12	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS	1.770 / 10.540		Reactor Vessel Closure Head Nut. B06.010.012

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c e 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.10.0013 1RPV-743-32-55	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.
C1.B6.10.0014 1RPV-743-32-14	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.
C1.B6.10.0015 1RPV-743-32-15	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.
C1.B6.10.0016 1RPV-743-32-16	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.
C1.B6.10.0017 1RPV-743-32-17	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.
C1.B6.10.0018 1RPV-743-32-18	NC Class 1	CNM 1201.01-105 RDM 30738-1544	NDE-62	VT-1	CS		1.770 / 10.540		Reactor Vessel Closure Head Nut.
C1.B6.100.0001 1SGA-MW-X1-Y1	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1A Primary Inlet Manway Flange Surface. X1-Y1 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.100.0002 1SGA-MW-X1-Y2	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1A Primary Outlet Manway Flange Surface. X1-Y2 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, 0 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.100.0003 1SGB-MW-Y1-X2	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1B Primary Inlet Manway Flange Surface. Y1-X2 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.100.0004 1SGB-MW-X2-Y2	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1B Primary Outlet Manway Flange Surface. X2-Y2 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.100.0005 1SGC-MW-X1-Y1	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1C Primary Inlet Manway Flange Surface. X1-Y1 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.100.0006 1SGC-MW-X1-Y2	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1C Primary Outlet Manway Flange Surface. X1-Y2 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.100.0007 1SGD-MW-Y1-X2	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1D Primary Inlet Manway Flange Surface. Y1-X2 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.100.0008 1SGD-MW-X2-Y2	NC Class 1	CNM 1201.01-618	NDE-62	VT-1	CS		0.000 / 0.000		Steam Generator 1D Primary Outlet Manway Flange Surface. X2-Y2 Quadrant. Inspect When Connection Disassembled But Credit Only Once Per Interval.
C1.B6.180.0001 1RCP-1A-F	NC Class 1	CN-1NC-024 CNM 1201.01-115	PDI-UT-5	UT	CS		30.500 / 4.320	50502	Reactor Coolant Pump 1A Main Flange Bolting (24 Bolts).
C1.B6.30.0001 1RPV-743-31-01	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c e 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.30.0002 1RPV-743-31-02	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0003 1RPV-743-31-03	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0004 1RPV-743-31-04	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0005 1RPV-743-31-05	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0006 1RPV-743-31-06	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0007 1RPV-743-31-07	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0008 1RPV-743-31-08	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.
C1.B6.30.0009 1RPV-743-31-09	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud.

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num. Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.30.0011 1RPV-743-31-11	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. B06.030.011
C1.B6.30.0012 1RPV-743-31-12	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. B06.030.012
C1.B6.30.0013 1RPV-743-31-55	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. B06.030.013
C1.B6.30.0014 1RPV-743-31-14	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. B06.030.014
C1.B6.30.0016 1RPV-743-31-16	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. B06.030.016
C1.B6.30.0017 1RPV-743-31-17	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. B06.030.017
C1.B6.30.0055 1RPV-743-31-S3	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. This summary number was created as a result of the replacement of Stud ID # 1RPV-743-31-10. ----
C1.B6.30.0056 1RPV-743-31-S4	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. This summary number was created as a result of the replacement of Stud ID # 1RPV-743-31-15. ----

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, or 2 (EOC-17)

Summary Num. Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.30.0057 1RPV-743-31-S5	NC Class 1	CNM 1201.01-105 RDM 30738-1544	PDI-UT-5	UT	CS		64.560 / 7.000	50501	Reactor Vessel Closure Head Stud. This summary number was created as a result of the replacement of Stud ID # 1RPV-743-31-18.
C1.B6.50.0001 1RPV-743-33-01	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.001
C1.B6.50.0002 1RPV-743-33-02	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.002
C1.B6.50.0003 1RPV-743-33-03	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.003
C1.B6.50.0004 1RPV-743-33-04	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.004
C1.B6.50.0005 1RPV-743-33-05	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.005
C1.B6.50.0006 1RPV-743-33-06	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.006
C1.B6.50.0007 1RPV-743-33-07	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.007

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.50.0008 1RPV-743-33-08	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0009 1RPV-743-33-09	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0010 1RPV-743-33-10	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0011 1RPV-743-33-11	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0012 1RPV-743-33-12	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0013 1RPV-743-33-55	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0014 1RPV-743-33-14	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.
C1.B6.50.0015 1RPV-743-33-15	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer.

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, Cycle 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-1									
C1.B6.50.0016 1RPV-743-33-16	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.016
C1.B6.50.0017 1RPV-743-33-17	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.017
C1.B6.50.0018 1RPV-743-33-18	NC Class 1	CNM 1201.01-105	NDE-62	VT-1	CS		1.500 / 10.560		Reactor Vessel Closure Head Washer. B06.050.018
Category B-G-2									
C1.B7.10.0001 1RPV-CETNA-74	NC Class 1	CNM 1201-01.52 007	NDE-62	VT-1	SS		See Comments		Core Exit Thermocouple Nozzle Assembly (CETNA) #74. Perform VT-1 on Hold Down Nut (Item 5 in Enclosure 13.3 of Procedure MP/1/A/7150/115 and Conoseal Clamp Studs and Nuts Item 8 in Enclosure 13.3 of Procedure MP/1/A/7150/115. For location of CETNA #74, see Core Exit Thermocouple Nozzle Disassembly and Reassembly Procedure MP/1/A/7150/115, Enclosure 13.4. VT-1 examination shall also be performed on Hold Down Nut Item 5 shown on Enclosure 13.3 of Core Exit Thermocouple Nozzle Disassembly and Reassembly Procedure MP/1/A/7150/115. -----
C1.B7.10.0002 1RPV-CETNA-75	NC Class 1	CNM 1201.01-52 007	NDE-62	VT-1	SS		See Comments		Core Exit Thermocouple Nozzle Assembly (CETNA) #75. Perform VT-1 on Hold Down Nut (Item 5 in Enclosure 13.3 of Procedure MP/1/A/7150/115 and Conoseal Clamp Studs and Nuts Item 8 in Enclosure 13.3 of Procedure MP/1/A/7150/115. For location of CETNA #75, see Core Exit Thermocouple Nozzle Disassembly and Reassembly Procedure MP/1/A/7150/115, Enclosure 13.4. -----

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, of e 2 (EOC-17)

Summary Nu... Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-2									
C1.B7.10.0003 1RPV-CETNA-76	NC Class 1	CNM 1201.01-52 007	NDE-62	VT-1	SS			See Comments	Core Exit Thermocouple Nozzle Assembly (CETNA) #76. Perform VT-1 on Hold Down Nut (Item 5 in Enclosure 13.3 of Procedure MP/1/A/7150/115 and Conoseal Clamp Studs and Nuts Item 8 in Enclosure 13.3 of Procedure MP/1/A/7150/115. For location of CETNA #76, see Core Exit Thermocouple Nozzle Disassembly and Reassembly Procedure MP/1/A/7150/115, Enclosure 13.4.
C1.B7.10.0004 1RPV-CETNA-77	NC Class 1	CNM 1201.01-52 007	NDE-62	VT-1	SS			See Comments	Core Exit Thermocouple Nozzle Assembly (CETNA) #77. Perform VT-1 on Hold Down Nut (Item 5 in Enclosure 13.3 of Procedure MP/1/A/7150/115 and Conoseal Clamp Studs and Nuts Item 8 in Enclosure 13.3 of Procedure MP/1/A/7150/115. For location of CETNA #77, see Core Exit Thermocouple Nozzle Disassembly and Reassembly Procedure MP/1/A/7150/115, Enclosure 13.4.
C1.B7.10.0005 1RPV-CETNA-78	NC Class 1	CNM 1201.01-52 007	NDE-62	VT-1	SS			See Comments	Core Exit Thermocouple Nozzle Assembly (CETNA) #78. Perform VT-1 on Hold Down Nut (Item 5 in Enclosure 13.3 of Procedure MP/1/A/7150/115 and Conoseal Clamp Studs and Nuts Item 8 in Enclosure 13.3 of Procedure MP/1/A/7150/115. For location of CETNA #78, see Core Exit Thermocouple Nozzle Disassembly and Reassembly Procedure MP/1/A/7150/115, Enclosure 13.4. Summary Number C1.B7.10.0005 is rescheduled for EOC18 (Outage 3) in order to meet Examination Category B-G-2 Third Interval, Period 1 and Period #2, Code minimum/maximum percentages.
C1.B7.50.0012 1NC287-MJ1 BOLTING	NC Class 1	CN-1NC-287 CN-ISIN3-1553-1.0	NDE-62	VT-1	AS		9.000/1.250		Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
C1.B7.50.0013 1NC287-MJ2 BOLTING	NC Class 1	CN-1NC-287 CN-ISIN3-1553-1.0	NDE-62	VT-1	AS		9.000/1.250		Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c e 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C1.B9.11.0047									B09.011.047, B09.011.047A
1NC190-19 Circumferential	NC Class 1	CN-1NC-190 CN-ISIN3-1553-1.1	NDE-35	PT	SS	160	0.531 / 4.000		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.
Elbow to Pipe									
C1.B9.11.0047									B09.011.047, B09.011.047A
1NC190-19 Circumferential	NC Class 1	CN-1NC-190 CN-ISIN3-1553-1.1	PDI-UT-2	UT	SS	160	0.531 / 4.000	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.
Elbow to Pipe									
C1.B9.11.0048									B09.011.048, B09.011.048A
1NC190-20 Circumferential	NC Class 1	CN-1NC-190 CN-ISIN3-1553-1.1	NDE-35	PT	SS	160	0.531 / 4.000		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.
Pipe to Elbow									
C1.B9.11.0048									B09.011.048, B09.011.048A
1NC190-20 Circumferential	NC Class 1	CN-1NC-190 CN-ISIN3-1553-1.1	PDI-UT-2	UT	SS	160	0.531 / 4.000	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.
Pipe to Elbow									
C1.B9.32.0001									B09.032.001
1NC22-WN9 Branch	NC Class 1	CN-1NC-22 CN-ISIN3-1553-1.0 CNM 1201.01-181/6	NDE-35	PT	SS	160	0.281 / 1.500		Reactor Coolant Loop 1B Cold Leg.
Branch to Pipe									
Category B-K									
C1.B10.10.0002									B10.010.002
1PZR-W10A	NC Class 1	CNM 1201.01-175	NDE-25	MT	CS		4.000 / 4.000		Pressurizer Seismic Lug to Shell (Welded Attachment). Y-Z Quadrant.
Seismic Lug to Shell									

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c 9 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-M-2									
C1.B12.50.0003 1NC-2	NC Class 1	CN-1NC-258 CNM 1205.09-01	NDE-64	VT-3	SS		0.719 / 6.000		6" Relief Valve. Inspect One Of The Following Valves: 1NC-1, 1NC-2, Or 1NC-3. Inspect Only If Disassembled For Maintenance, Repair, Or Volumetric Examination.
									B12.050.001B
Category B-N-1									
C1.B13.10.0001 1RPV-INTERIOR	NC Class 1	CNM 1201.01-32	NDE-63	VT-3	SS		0.000 / 0.000		Reactor Vessel Interior. Areas To Be Examined Shall Include The Spaces Above and Below The Reactor Core That Are Made Accessible For Examination By Removal Of Components During Normal Refueling Outages. Inspect Each Inspection Period. A vendor will have to be contracted to perform this inspection. Reference Specification DPS 1438.80-00-0001, Revision 3.
									B13.010.001
Category C-A									
C1.C1.10.0003 1ELDHX-SH-FLG Circumferential	NV Class 2	CN-ISIN3-1554-1.0 CNM 1201.06-37	NDE-3630	UT	CS		0.322 / 8.625	50327	Excess Letdown Heat Exchanger Shell Pc.10 to Flange Pc.3.
									C01.010.003
									Shell to Flange
C1.C1.20.0002 1ELDHX-SH-HD Circumferential	NV Class 2	CN-ISIN3-1554-1.0 CNM 1201.06-37	NDE-3630	UT	CS		0.322 / 8.625	50327	Excess Letdown Heat Exchanger Head Pc.11 to Shell Pc.10.
									C01.020.002
									Head to Shell
C1.C1.20.0003 1ELDHX-HD-FLG Circumferential	NV Class 2	CN-ISIN3-1554-1.0 CNM 1201.06-37	NDE-3630	UT	SS-CS		0.750 / 9.500	CB-08-03 50210	Excess Letdown Heat Exchanger Head Pc.5 to Flange Pc.4.
									C01.020.003
									Head to Flange
C1.C1.20.0019 1VCT-LH-SH Circumferential	NV Class 2	CN-ISIN3-1554-1.1 CNM 1201.04-102	NDE-3630	UT	SS		0.250 / 0.000	50469	Volume Control Tank. Shell Pc. 01 to Lower Head Pc. 02.
									C01.020.014
									Lower Head to Shell

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, Class 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-A									
C1.C1.20.0020 1VCT-UH-SH Circumferential	NV Class 2	CN-ISIN3-1554-1.1 CNM 1201.04-102	NDE-3630	UT	SS		0.250 / 0.000	50469	Volume Control Tank. Shell Pc. 01 to Upper Head Pc. 02.
Upper Head to Shell									
C1.C1.30.0007 1SGA-W65 Circumferential	NC Class 2	CNM 1201.01-617 CNM 1201.01-626	PDI-UT-6	UT	CS		3.250 / 0.000	5135230 50236A	Steam Generator 1A Tubesheet to Secondary Shell.
Tubesheet to Shell									
Category C-B									
C1.C2.11.0004 1VCT-30-2 Circumferential	NV Class 2	CN-ISIN3-1554-1.1 CNM 1201.04-102	NDE-35	PT	SS		0.312 / 0.000		Volume Control Tank Upper Head Pc. 02 to Nozzle Pc. 30.
Shell to Nozzle									
Category C-C									
C1.C3.10.0001 1RHRHXA-6-23	ND Class 2	CNM 1201.06-83 CN-ISIN3-1561-1.0	NDE-35	PT	SS		0.750 / 0.000		Residual Heat Removal Heat Exchanger 1A Pc. 6 to Pc. 23. Examine with F01.040.104.
Lower Head to Support Skirt									
C1.C3.10.0004 1SWHX-SUPP	NV Class 2	CNM 1201.06-50 CN-ISIN3-1554-1.6	NDE-35	PT	SS		0.750 / 0.000		Seal Water Heat Exchanger. Examine with F01.040.111.
Shell to Support									
C1.C3.40.0001 1-R-SV-1512 Rigid Support	SV Class 2	CN-1491-SV006 CN-ISIN3-1593-1.0 CNM 1205.10-0013	NDE-25	MT	CS		1.500 / 6.000		Examine with F01.020.225.
Lugs to Valve									

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c e 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-C									
C1.C3.40.0002 1-R-SV-1608 Rigid Support	SV Class 2	CN-1491-SV008 CN-ISIN3-1593-1.0 CNM 1205.10-0013	NDE-25	MT	CS		1.000 / 6.000		Examine with F01.020.226. Item 12 on Support Sketch 1-R-SV-1608 to Forged Bracket on Valve Body. Plate to Forged Bracket
Category C-F-1									
C1.C5.11.0061 1ND57-26 Circumferential	ND Class 2	CN-1ND-57 CN-ISIN3-1561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		Residual Heat Removal Heat Exchanger 1A. 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.
Terminal End									Nozzle to Reducer
C1.C5.11.0061 1ND57-26 Circumferential	ND Class 2	CN-1ND-57 CN-ISIN3-1561-1.0	PDI-UT-2	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	Residual Heat Removal Heat Exchanger 1A. 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.
Terminal End									Nozzle to Reducer
C1.C5.11.0062 1ND59-12 Circumferential	ND Class 2	CN-1ND-59 CN-ISIN3-1561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		Residual Heat Removal Heat Exchanger 1A. 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.
Terminal End									Nozzle to Reducer
C1.C5.11.0062 1ND59-12 Circumferential	ND Class 2	CN-1ND-59 CN-ISIN3-1561-1.0	PDI-UT-2	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	Residual Heat Removal Heat Exchanger 1A. 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.
Terminal End									Nozzle to Reducer

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c e 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1									
C1.C5.21.0001									C05.021.001, C05.021.001A
1NI11-8 Circumferential	NI Class 2	CN-1NI-11 CN-ISIN3-1562-1.3	NDE-35	PT	SS	160	0.531 / 4.000		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.
									Pipe to Elbow
C1.C5.21.0001									C05.021.001, C05.021.001A
1NI11-8 Circumferential	NI Class 2	CN-1NI-11 CN-ISIN3-1562-1.3	NDE-600	UT	SS	160	0.531 / 4.000	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.
									Pipe to Elbow
C1.C5.21.0002									C05.021.002, C05.021.002A
1NI11-9 Circumferential	NI Class 2	CN-1NI-11 CN-ISIN3-1562-1.3	NDE-35	PT	SS	160	0.531 / 4.000		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.
									Elbow to Tee
C1.C5.21.0002									C05.021.002, C05.021.002A
1NI11-9 Circumferential	NI Class 2	CN-1NI-11 CN-ISIN3-1562-1.3	NDE-600	UT	SS	160	0.531 / 4.000	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.
									Elbow to Tee
C1.C5.21.0003									C05.021.003, C05.021.003A
1NI11-10 Circumferential	NI Class 2	CN-1NI-11 CN-ISIN3-1562-1.3	NDE-35	PT	SS	160	0.531 / 4.000		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.
									Tee to Pipe
C1.C5.21.0003									C05.021.003, C05.021.003A
1NI11-10 Circumferential	NI Class 2	CN-1NI-11 CN-ISIN3-1562-1.3	NDE-600	UT	SS	160	0.531 / 4.000	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.
									Tee to Pipe

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o 9 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1									
C1.C5.21.0011									C05.021.011, C05.021.011A
1NI22-1 Circumferential	NI Class 2	CN-1NI-22 CN-ISIN3-1562-1.3	NDE-35	PT	SS	160	0.531 / 4.000		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.
Tee to Pipe									
C1.C5.21.0011									C05.021.011, C05.021.011A
1NI22-1 Circumferential	NI Class 2	CN-1NI-22 CN-ISIN3-1562-1.3	NDE-600	UT	SS	160	0.531 / 4.000	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.
Tee to Pipe									
C1.C5.21.0012									C05.021.012, C05.021.012A
1NI22-2 Circumferential	NI Class 2	CN-1NI-22 CN-ISIN3-1562-1.3	NDE-35	PT	SS	160	0.531 / 4.000		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.
Pipe to Elbow									
C1.C5.21.0012									C05.021.012, C05.021.012A
1NI22-2 Circumferential	NI Class 2	CN-1NI-22 CN-ISIN3-1562-1.3	NDE-600	UT	SS	160	0.531 / 4.000	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.
Pipe to Elbow									
C1.C5.21.0013									C05.021.013, C05.021.013A
1NI22-3 Circumferential	NI Class 2	CN-1NI-22 CN-ISIN3-1562-1.3	NDE-35	PT	SS	160	0.531 / 4.000		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.
Elbow to Pipe									
C1.C5.21.0013									C05.021.013, C05.021.013A
1NI22-3 Circumferential	NI Class 2	CN-1NI-22 CN-ISIN3-1562-1.3	NDE-600	UT	SS	160	0.531 / 4.000	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.
Elbow to Pipe									

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o 9 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1									
C1.C5.30.0011 1NI206-2 Socket	NI Class 2	CN-1NI-206 CN-ISIN3-1562-1.2	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.011
Pipe to Elbow									
C1.C5.30.0012 1NI206-3 Socket	NI Class 2	CN-1NI-206 CN-ISIN3-1562-1.2	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.012
Elbow to Pipe									
C1.C5.30.0013 1NI206-4 Socket	NI Class 2	CN-1NI-206 CN-ISIN3-1562-1.2	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.013
Pipe to Elbow									
C1.C5.30.0014 1NI206-5 Socket	NI Class 2	CN-1NI-206 CN-ISIN3-1562-1.2	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.014
Elbow to Pipe									
C1.C5.30.0022 1NV100-3 Socket	NV Class 2	CN-1NV-100 CN-ISIN3-1554-1.6	NDE-35	PT	SS	40	0.154 / 2.000		C05.030.108
Pipe to Elbow									
C1.C5.30.0023 1NV100-4 Socket	NV Class 2	CN-1NV-100 CN-ISIN3-1554-1.6	NDE-35	PT	SS	40	0.154 / 2.000		C05.030.109
Elbow to Pipe									
C1.C5.30.0024 1NV100-9 Socket	NV Class 2	CN-1NV-100 CN-ISIN3-1554-1.6	NDE-35	PT	SS	40	0.154 / 2.000		C05.030.110
Pipe to Elbow									

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Catawba 1, 3rd Interval, c 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1									
C1.C5.30.0025 1NV100-10 Socket	NV Class 2	CN-1NV-100 CN-ISIN3-1554-1.6	NDE-35	PT	SS	40	0.154 / 2.000		C05.030.111
								Elbow to Pipe	
C1.C5.30.0026 1NV100-11 Socket	NV Class 2	CN-1NV-100 CN-ISIN3-1554-1.6	NDE-35	PT	SS	40	0.154 / 2.000		C05.030.112
								Pipe to Elbow	
C1.C5.30.0027 1NV100-12 Socket	NV Class 2	CN-1NV-100 CN-ISIN3-1554-1.6	NDE-35	PT	SS	40	0.154 / 2.000		C05.030.113
								Elbow to Pipe	
C1.C5.30.0028 1NV109-19 Socket	NV Class 2	CN-1NV-109 CN-ISIN3-1554-1.6	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.114
								Pipe to Elbow	
C1.C5.30.0029 1NV109-20 Socket	NV Class 2	CN-1NV-109 CN-ISIN3-1554-1.6	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.115
								Elbow to Pipe	
C1.C5.30.0030 1NV109-23 Socket	NV Class 2	CN-1NV-109 CN-ISIN3-1554-1.6	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.116
								Pipe to Elbow	
C1.C5.30.0031 1NV109-24 Socket	NV Class 2	CN-1NV-109 CN-ISIN3-1554-1.6	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.117
								Elbow to Pipe	

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Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-1									
C1.C5.30.0032 1NV109-25 Socket	NV Class 2	CN-1NV-109 CN-ISIN3-1554-1.6	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.118
Pipe to Valve 1NV202B									
C1.C5.30.0033 1NV109-26 Socket	NV Class 2	CN-1NV-109 CN-ISIN3-1554-1.6	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.119
Valve 1NV202B to Pipe									
Category C-F-2									
C1.C5.51.0025 1CF41-1 Circumferential	CF Class 2	CN-1491-CF041 CN-ISIN3-1591-1.1	NDE-25	MT	CS	80	0.844 / 16.000		C05.051.053, C05.051.053A
Elbow to Ring									
C1.C5.51.0025 1CF41-1 Circumferential	CF Class 2	CN-1491-CF041 CN-ISIN3-1591-1.1	PDI-UT-1	UT	CS	80	0.844 / 16.000	Component PDI-UT-1-C	C05.051.053, C05.051.053A
Elbow to Ring									
C1.C5.51.0026 1CF38-1 Circumferential	CF Class 2	CN-1491-CF038 CN-ISIN3-1591-1.1	NDE-25	MT	CS	80	0.844 / 16.000		C05.051.054, C05.051.054A
Ring to Elbow									
C1.C5.51.0026									C05.051.054,

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, of 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-2									
1CF38-1 Circumferential	CF Class 2	CN-1491-CF038 CN-ISIN3-1591-1.1	PDI-UT-1	UT	CS	80	0.844 / 16.000	Component PDI-UT-1-C	Steam Generator 1A Feedwater Nozzle Transition Ring to Elbow. 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. Transition Ring Thickness is 1.124"
C05.051.054A									
Ring to Elbow									
C1.C5.51.0029									C05.051.057, C05.051.057A
1SGD-W260 Circumferential	CF Class 2	CNM 1201.01-573 CNM 1201.01-617 CN-ISIN3-1591-1.1	NDE-25	MT	CS		1.125 / 17.060		Steam Generator 1D Feedwater Nozzle to Transition Ring. 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.
Nozzle to Transition Ring									
Terminal End									
C1.C5.51.0029									C05.051.057, C05.051.057A
1SGD-W260 Circumferential	CF Class 2	CNM 1201.01-573 CNM 1201.01-617 CN-ISIN3-1591-1.1	PDI-UT-1	UT	CS		1.125 / 17.060	Component PDI-UT-1-C	Steam Generator 1D Feedwater Nozzle to Transition Ring. 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.
Nozzle to Transition Ring									
Terminal End									
C1.C5.51.0048									C05.051.112, C05.051.112A
1SM39-35 Circumferential	SM Class 2	CN-1SM-39 CN-ISIN3-1593-1.0	NDE-25	MT	CS		1.375 / 32.000		Steam Generator 1D Main Steam Nozzle Transition Ring to Elbow. 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.
Ring to Elbow									
C1.C5.51.0048									C05.051.112, C05.051.112A
1SM39-35 Circumferential	SM Class 2	CN-1SM-39 CN-ISIN3-1593-1.0	PDI-UT-1	UT	CS		1.375 / 32.000	Component PDI-UT-1-C	Steam Generator 1D Main Steam Nozzle Transition Ring to Elbow. 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.

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, or 2 (EOC-17)

Summary Num, Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
listed shall be used.									
Ring to Elbow									
C1.C5.51.0055									C05.051.153, C05.051.153A
1SV30-5 Circumferential	SV Class 2	CN-1SV-30 CN-ISIN3-1593-1.0	NDE-25	MT	CS	80	0.432 / 6.000		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.
Pipe to Elbow									
C1.C5.51.0055									C05.051.153, C05.051.153A
1SV30-5 Circumferential	SV Class 2	CN-1SV-30 CN-ISIN3-1593-1.0	PDI-UT-1	UT	CS	80	0.432 / 6.000	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.
Pipe to Elbow									
C1.C5.51.0056									C05.051.154, C05.051.154A
1SV33-7 Circumferential	SV Class 2	CN-1SV-33 CN-ISIN3-1593-1.0	NDE-25	MT	CS	80	0.432 / 6.000		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.
Pipe to Valve 1SV001									
C1.C5.51.0056									C05.051.154, C05.051.154A
1SV33-7 Circumferential	SV Class 2	CN-1SV-33 CN-ISIN3-1593-1.0	PDI-UT-1	UT	CS	80	0.432 / 6.000	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.
Pipe to Valve 1SV001									
C1.C5.61.0001									C05.061.001, C05.061.001A
1CA100-1 Circumferential	CA Class 2	CN-1CA-100 CN-ISIN3-1592-1.1	NDE-25	MT	CS	80	0.337 / 4.000		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.
Tee to Pipe									
C1.C5.61.0001									C05.061.001, C05.061.001A
1CA100-1 Circumferential	CA Class 2	CN-1CA-100 CN-ISIN3-1592-1.1	PDI-UT-1	UT	CS	80	0.337 / 4.000	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

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Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num. Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
calibration block listed shall be used.									
Tee to Pipe									
C1.C5.61.0002									C05.061.002, C05.061.002A
1CA100-13 Circumferential	CA Class 2	CN-1CA-100 CN-ISIN3-1592-1.1	NDE-25	MT	CS	80	0.337 / 4.000		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.
Pipe to Pipe									
C1.C5.61.0002									C05.061.002, C05.061.002A
1CA100-13 Circumferential	CA Class 2	CN-1CA-100 CN-ISIN3-1592-1.1	PDI-UT-1	UT	CS	80	0.337 / 4.000	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.
Pipe to Pipe									
C1.C5.61.0012									C05.061.012, C05.061.012A
1CA88-2 Circumferential	CA Class 2	CN-1CA-88 CN-ISIN3-1592-1.1	NDE-25	MT	CS	160	0.531 / 4.000		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.
Pipe to Tee									
C1.C5.61.0012									C05.061.012, C05.061.012A
1CA88-2 Circumferential	CA Class 2	CN-1CA-88 CN-ISIN3-1592-1.1	PDI-UT-1	UT	CS	160	0.531 / 4.000	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.
Pipe to Tee									
C1.C5.70.0009									C05.070.009
1CA109-1 Circumferential	CA Class 2	CN-1CA-109 CN-ISIN3-1592-1.1	NDE-35	PT	CS	80	0.218 / 2.000		
Valve 1CA0185 to Pipe									
C1.C5.70.0010									C05.070.010
1CA109-11 Circumferential	CA Class 2	CN-1CA-109 CN-ISIN3-1592-1.1	NDE-35	PT	CS	80	0.218 / 2.000		
Elbow to Pipe									

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Catawba 1, 3rd Interval, o 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-F-2									
C1.C5.70.0015 1CA122-18 Circumferential	CA Class 2	CN-1CA-122 CN-ISIN3-1592-1.1	NDE-35	PT	CS	80	0.218 / 2.000		C05.070.015
Pipe to Half Coupling									
Category C-G									
C1.C6.20.0003 1ND-33 Circumferential	ND Class 2	CN-ISIN3-1561-1.0 CNM 1205.00-0091	NDE-35	PT	SS		0.572 / 8.000	Valve Body Weld.	C06.020.003
Valve Body to Bonnet									
C1.C6.20.0005 1NI-10B Circumferential	NI Class 2	CN-ISIN3-1562-1.0 CNM 1205.00-0083	NDE-35	PT	SS		0.867 / 4.000	Valve Body Weld -Valve Numbers in Valve Group 1NI-9A, 1NI-10B.	C06.020.005
Valve Body to Bonnet									
C1.C6.20.0009 1NI-150B Circumferential	NI Class 2	CN-ISIN3-1562-1.2 CNM 1205.00-0113	NDE-35	PT	SS		0.534 / 4.000	Valve Body Weld -Valve Numbers in Valve Group 1NI-118A, 1NI-150B.	C06.020.009
Valve Body to Bonnet									
Category D-A									
C1.D1.10.0003 1DGEJWSTPA-SUPPORT Rigid Support	KD Class 3	CNM 1301.00-0105 CN-ISIN3-1609-1.0 CNM 1301.00-0106	NDE-65	VT-1	NA		1.000 / 0.000	Diesel Generator Jacket Water StandPipe 1A Support Welded Attachments. Reference Drawing CNM 1301.00.0106 (1 Baseplate Item S, 4 Stiffeners Item R, 3 Saddles Item B). Reference PIP# C-08-02442.	D01.010.011
C1.D1.10.0011 1CRACCA-SUPPORT Rigid Support	YC Class 3	CN-ISIN3-1578-2.4 CNM 1211.00-0074	NDE-65	VT-1	NA		0.250 / 0.000	Control Room Area Chiller Condenser 1A Support Welded Attachment. Reference Drawing Number CNM 1211.00-0073 001.	D01.010.021
Shell to Support									

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Catawba 1, 3rd Interval, c e 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category D-A									
C1.D1.10.0012 1EVAPC-SUPPORT Rigid Support	YC Class 3	CNM 1211.00-0073 CN-ISIN3-1578-2.4 CNM 1211.00-0074	NDE-65	VT-1	NA		0.250 / 0.000		Evaporator Cooler Unit 1 Support Welded Attachment.
Shell to Support									
C1.D1.10.0016 1RHRXA-LATERAL Rigid Support	ND Class 3	1-E-ND-0001 CN-ISIN3-1561-1.0 CNM 1201.06-38	NDE-65	VT-1	NA		0.500 / 0.000		Residual Heat Removal Heat Exchanger 1A Lateral Support (Top of HX). Examine with F01.040.225. Will not take credit for examination performed in Outage 2 EOC-17 due to percentage restrictions. Reference PIP C-07-0193.
Plate to Shell									
C1.D1.10.0017 1LDHX-LATERAL Rigid Support	NV Class 3	1-E-NV-0001 CN-ISIN3-1554-1.6 CNM 1201.06-58	NDE-65	VT-1	NA		0.500 / 0.000		Vertical Letdown Heat Exchanger Lateral Support (Top of HX). Examine with F01.040.226. Will not take credit for examination performed in Outage 2 EOC-17 due to percentage restrictions. Reference PIP C-07-0193.
Plate to Shell									
C1.D1.10.0018 1SWHX-LATERAL Rigid Support	NV Class 3	1-E-NV-0002 CN-ISIN3-1554-1.6 CNM 1201.06-50	NDE-65	VT-1	NA		0.750 / 0.000		Seal Water Heat Exchanger Lateral Support (Top of HX). Examine with F01.040.227. Will not take credit for examination performed in Outage 2 EOC-17 due to percentage restrictions. Reference PIP C-07-0193.
Seismic Lugs to Shell									
Category F-A									
C1.F1.10.0001 1-R-NC-2160 Rigid Support	NC Class 1	CN-1491-NC006 CN-ISIN3-1553-1.1	NDE-66	VT-3	NA		0.000 / 6.000		
C1.F1.11.0001 1-R-NC-1066 Rigid Restraint	NC Class 1	CN-1491-NC006 CN-ISIN3-1553-1.1	NDE-66	VT-3	NA		0.000 / 6.000		

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, o e 2 (EOC-17)

Summary Num... Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.11.0002 1-R-NC-1309 Rigid Restraint	NC Class 1	CN-1491-NC100 CN-ISIN3-1553-1.0	NDE-66	VT-3	NA		0.000 / 2.000		F01.011.002
C1.F1.11.0005 1-R-NI-1255 Rigid Restraint	NI Class 1	CN-1491-NI028 CN-ISIN3-1562-1.1	NDE-66	VT-3	NA		0.000 / 10.000		F01.011.052
C1.F1.11.0010 1-R-NV-1493 Rigid Restraint	NV Class 1	CN-1491-NV015 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA		0.000 / 1.500		F01.011.093
C1.F1.12.0009 1-R-NC-1298 Spring Hgr	NC Class 1	CN-1491-NC068 CN-ISIN3-1553-1.0	NDE-66	VT-3	NA		0.000 / 3.000		F01.012.009
C1.F1.12.0010 1-R-NC-1093 Mech Snubber	NC Class 1	CN-1491-NC114 CN-ISIN3-1553-1.1	NDE-66	VT-3	NA		0.000 / 2.000		F01.012.010
C1.F1.12.0025 1-R-NV-2217 Spring Hgr	NV Class 1	CN-1491-NV015 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.012.091
C1.F1.20.0001 1-R-CA-1068 Rigid Support	CA Class 2	CN-1491-CA001 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.001
C1.F1.20.0002 1-R-CA-1070 Rigid Support	CA Class 2	CN-1491-CA001 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.002

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Catawba 1, 3rd Interval, Class 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A								
C1.F1.20.0060 1-R-NS-0069 Rigid Support	NS Class 2	CN-1492-NS009 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA	0.000 / 10.000		F01.020.091
C1.F1.20.0061 1-R-NS-0074 Rigid Support	NS Class 2	CN-1492-NS009 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA	0.000 / 8.000		F01.020.092
C1.F1.20.0064 1-R-NS-0020 Rigid Support	NS Class 2	CN-1492-NS002 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA	0.000 / 10.000		F01.020.095
C1.F1.20.0065 1-R-NS-0021 Rigid Support	NS Class 2	CN-1492-NS002 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA	0.000 / 10.000		F01.020.096
C1.F1.20.0083 1-R-NV-1325 Rigid Support	NV Class 2	CN-1491-NV002 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA	0.000 / 2.000		F01.020.141
C1.F1.20.0084 1-R-NV-1326 Rigid Support	NV Class 2	CN-1491-NV002 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA	0.000 / 2.000		F01.020.142
C1.F1.20.0109 1-R-NV-0320 Rigid Support	NV Class 2	CN-1492-NV032 CN-ISIN3-1554-1.2	NDE-66	VT-3	NA	0.000 / 3.000		F01.020.167
C1.F1.20.0129 1-R-SV-1512 Rigid Support	SV Class 2	CN-1491-SV006 CN-ISIN3-1593-1.0	NDE-66	VT-3	NA	1.500 / 6.000	6.00" x 10.00" Valve. Examine with C03.040.001.	F01.020.225

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Catawba 1, 3rd Interval, Class 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.20.0130 1-R-SV-1608 Rigid Support	SV Class 2	CN-1491-SV008 CN-ISIN3-1593-1.0	NDE-66	VT-3	NA		1.000 / 6.000		F01.020.226 6.00" x 10.00" Valve. Examine with C03.040.002.
C1.F1.21.0003 1-R-CA-1662 Rigid Restraint	CA Class 2	CN-1491-CA009 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.003
C1.F1.21.0004 1-R-CA-1668 Rigid Restraint	CA Class 2	CN-1491-CA009 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.004
C1.F1.21.0017 1-R-NI-0330 Rigid Restraint	NI Class 2	CN-1491-NI011 CN-ISIN3-1562-1.3	NDE-66	VT-3	NA		0.000 / 8.000		F01.021.062
C1.F1.21.0018 1-R-NI-1422 Rigid Restraint	NI Class 2	CN-1491-NI011 CN-ISIN3-1562-1.3	NDE-66	VT-3	NA		0.000 / 8.000		F01.021.063
C1.F1.21.0056 1-R-NV-1317 Rigid Restraint	NV Class 2	CN-1491-NV001 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.141
C1.F1.21.0057 1-R-NV-1515 Rigid Restraint	NV Class 2	CN-1491-NV001 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.142
C1.F1.21.0058 1-R-NV-1568 Rigid Restraint	NV Class 2	CN-1491-NV001 CN-ISIN3-1554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.143

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, r 1e 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.21.0084 1-R-NV-0515 Rigid Restraint	NV Class 2	CN-1492-NV031 CN-ISIN3-1554-1.7	NDE-66	VT-3	NA		0.000 / 8.000		F01.021.169
C1.F1.21.0085 1-R-NV-0516 Rigid Restraint	NV Class 2	CN-1492-NV031 CN-ISIN3-1554-1.7	NDE-66	VT-3	NA		0.000 / 8.000		F01.021.170
C1.F1.21.0086 1-R-NV-0438 Rigid Restraint	NV Class 2	CN-1492-NV032 CN-ISIN3-1554-1.2	NDE-66	VT-3	NA		1.000 / 3.000	There Are Two Different Welded Attachments At This Location.(1.000 and .250 Thickness)	F01.021.171
C1.F1.21.0348 1-R-NS-1315 Rigid Restraint	NS Class 2	CN-1491-NS013 CN-ISIN3-1563-1.0	NDE-66	VT-3			0.000 / 8.000		F01.021.
C1.F1.21.0358 1-R-NS-1314 Rigid Restraint	NS Class 2	CN-1491-NS013 CN-ISIN3-1563-1.0	NDE-66	VT-3			0.000 / 8.000		F01.021.
C1.F1.22.0001 1-R-CA-1066 Constant Support	CA Class 2	CN-1491-CA001 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.022.001
C1.F1.22.0002 1-R-CA-1072 Spring Hgr	CA Class 2	CN-1491-CA001 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.022.002
C1.F1.22.0003 1-R-CA-1079 Spring Hgr	CA Class 2	CN-1491-CA004 CN-ISIN3-1592-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.022.003

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Catawba 1, 3rd Interval, Page 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A								
C1.F1.22.0007 1-R-CF-1017 Spring Hgr	CF Class 2	CN-1491-CF002 CN-ISIN3-1591-1.1	NDE-66	VT-3	NA	0.000 / 18.000		F01.022.011
C1.F1.22.0039 1-R-SA-1510 Spring Hgr	SA Class 2	CN-1491-SA001 CN-ISIN3-1593-1.1	NDE-66	VT-3	NA	0.000 / 6.000		F01.022.191
C1.F1.22.0044 1-R-SM-1578 Mech Snubber	SM Class 2	CN-1491-SM004 CN-ISIN3-1593-1.0	NDE-66	VT-3	NA	0.000 / 34.000		F01.022.205
C1.F1.22.0045 1-R-SM-1581 Mech Snubber	SM Class 2	CN-1491-SM004 CN-ISIN3-1593-1.0	NDE-66	VT-3	NA	0.000 / 34.000		F01.022.206
C1.F1.30.0013 1-R-KC-0454 Rigid Support	KC Class 3	CN-1492-KC005 CN-ISIN3-1573-1.1	NDE-66	VT-3	NA	0.000 / 16.000		F01.030.051
C1.F1.30.0014 1-R-KC-0455 Rigid Support	KC Class 3	CN-1492-KC005 CN-ISIN3-1573-1.1	NDE-66	VT-3	NA	0.000 / 16.000		F01.030.052
C1.F1.30.0015 1-R-KC-0456 Rigid Support	KC Class 3	CN-1492-KC005 CN-ISIN3-1573-1.1	NDE-66	VT-3	NA	0.000 / 16.000		F01.030.053
C1.F1.30.0016 1-R-KC-0325 Rigid Support	KC Class 3	CN-1492-KC007 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA	0.000 / 8.000		F01.030.054

This report includes all changes through addendum 3CNS1-029

Catawba 1, 3rd Interval, c...e 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.30.0017 1-R-KC-0326 Rigid Support	KC Class 3	CN-1492-KC007 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.055
C1.F1.30.0018 1-R-KC-0339 Rigid Support	KC Class 3	CN-1492-KC007 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.056
C1.F1.30.0019 1-R-KC-0674 Rigid Support	KC Class 3	CN-1492-KC007 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.057
C1.F1.30.0020 1-R-KC-0151 Rigid Support	KC Class 3	CN-1492-KC028 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.058
C1.F1.30.0021 1-R-KC-0152 Rigid Support	KC Class 3	CN-1492-KC028 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.059
C1.F1.30.0022 1-R-KC-0153 Rigid Support	KC Class 3	CN-1492-KC028 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.060
C1.F1.30.0023 1-R-KC-0164 Rigid Support	KC Class 3	CN-1492-KC028 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.061
C1.F1.30.0024 1-R-KC-0165 Rigid Support	KC Class 3	CN-1492-KC028 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.062

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Catawba 1, 3rd Interval, r 7e 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.30.0025 1-R-KC-0386 Rigid Support	KC Class 3	CN-1492-KC028 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.063
C1.F1.30.0055 1-R-KD-0116 Rigid Support	KD Class 3	CN-1493-KD002 CN-ISIN3-1609-1.0	NDE-66	VT-3	NA		0.625 / 10.000		F01.030.101
C1.F1.30.0062 1-R-LD-0075 Rigid Support	LD Class 3	CN-1493-LD006 CN-ISIN3-1609-2.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.121
C1.F1.30.0067 1-R-RN-0072 Rigid Support	RN Class 3	CN-1492-RN077 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000	Welded Attachment Is Exempt Per PIP C-04-5257.	F01.030.151
C1.F1.30.0075 1-R-RN-0074 Rigid Support	RN Class 3	CN-1492-RN332 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000	Welded Attachment Is Exempt Per PIP C-04-5257.	F01.030.159
C1.F1.30.0076 1-R-RN-0075 Rigid Support	RN Class 3	CN-1492-RN332 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000	Welded Attachment Is Exempt Per PIP C-04-5257.	F01.030.160
C1.F1.30.0077 1-R-RN-0078 Rigid Support	RN Class 3	CN-1492-RN332 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000		F01.030.161
C1.F1.30.0083 1-R-RN-0285 Rigid Support	RN Class 3	CN-1492-RN76 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000		F01.030.167

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Catawba 1, 3rd Interval, Page 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.30.0084 1-R-RN-0288 Rigid Support	RN Class 3	CN-1492-RN76 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000		Welded Attachment Is Exempt Per PIP C-04-5257.
C1.F1.30.0088 1-R-SA-0027 Rigid Support	SA Class 3	CN-1492-SA002 CN-ISIN3-1593-1.1	NDE-66	VT-3	NA		0.000 / 6.000		
C1.F1.30.0097 1-R-YC-0045 Rigid Support	YC Class 3	CN-1525-YC002 CN-ISIN3-1578-2.0	NDE-66	VT-3	NA		0.000 / 6.000		
C1.F1.31.0003 1-R-KC-1090 Rigid Restraint	KC Class 3	CN-1491-KC006 CN-ISIN3-1573-1.7	NDE-66	VT-3	NA		0.000 / 8.000		
C1.F1.31.0005 1-R-KC-1562 Rigid Restraint	KC Class 3	CN-1491-KC150 CN-ISIN3-1573-1.4	NDE-66	VT-3	NA		0.906 / 6.000		
C1.F1.31.0014 1-R-RN-0325 Rigid Restraint	RN Class 3	CN-1492-RN331 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000		
C1.F1.31.0017 1-R-RN-0327 Rigid Restraint	RN Class 3	CN-1492-RN76 CN-ISIN3-1574-1.1	NDE-66	VT-3	NA		0.750 / 42.000		
C1.F1.32.0005 1-R-FD-0002 Spring Hgr	FD Class 3	CN-1493-FD025 CN-ISIN3-1609-3.1	NDE-66	VT-3	NA		0.500 / 6.000		

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Catawba 1, 3rd Interval, Page 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.32.0006 1-R-KC-0448 Spring Hgr	KC Class 3	CN-1492-KC004 CN-ISIN3-1573-1.0	NDE-66	VT-3	NA		0.000 / 20.000		F01.032.051
C1.F1.32.0013 1-R-KD-0013 Spring Hgr	KD Class 3	CN-1493-KD005 CN-ISIN3-1609-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.032.101
C1.F1.40.0013 1LDHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-58 CN-ISIN3-1554-1.6	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.101 Vertical Letdown Heat Exchanger Support.
C1.F1.40.0016 1RHRA-SKIRT Rigid Support	ND Class 2	CNM 1201.06-38 CN-ISIN3-1561-1.0 CNM-1201.06-83	NDE-66	VT-3	NA		0.750 / 0.000		F01.040.104 Residual Heat Removal Heat Exchanger 1A Support Skirt.
C1.F1.40.0023 1SWHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-50 CN-ISIN3-1554-1.6	NDE-66	VT-3	NA		0.750 / 0.000		F01.040.111 Seal Water Heat Exchanger Support.
C1.F1.40.0024 1NSHXA-SUPPORT Rigid Support	NS Class 2	CNM 1201.06-119 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA		0.750 / 0.000		F01.040.112 NS Heat Exchanger 1A Bottom Supports (4 Supports). PSI Performed EOC15.
C1.F1.40.0025 1NSHXA-RESTRAINT Rigid Support	NS Class 2	CNM 1201.06-119 CN-ISIN3-1563-1.0	NDE-66	VT-3	NA		1.500 / 0.000		F01.040.113 NS Heat Exchanger 1A Seismic Lug Ring Item 106 (2 Pieces). PSI Performed EOC15.
C1.F1.40.0091 1FWST-SUPPORT Rigid Support	FW Class 2	CNM 1148.00-0050 CN-ISIN3-1571-1.0	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.115 Refueling Water Storage Tank Support.
C1.F1.40.0094 1CRACCA-SUPPORT Rigid Support	YC Class 3	CNM 1211.00-0073 CN-ISIN3-1578-2.4 CNM 1211.00-0074	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.217 Control Room Area Chiller Condenser 1A Support.

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Catawba 1, 3rd Interval, Page 2 (EOC-17)

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C1.F1.40.0105 1NSPAM-LATERAL Rigid Support	NS Class 2	CNM 1201.05-126 CN-ISIN3-1563-1.0 CN-1220-83	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.118 Containment Spray Pump 1A Motor Lateral Support. Reference PIP C-07-0193.
C1.F1.40.0106 1RHRHXA-LATERAL Rigid Support	ND Class 3	1-E-ND-0001 CN-ISIN3-1561-1.0 CNM 1201.06.38	NDE-66	VT-3	NA		0.500 / 0.000		F01.040.225 Residual Heat Removal Heat Exchanger 1A Lateral Support (Top of HX) Examine with D01.010.051. Reference PIP C-07-0193.
C1.F1.40.0107 1LDHX-LATERAL Rigid Support	NV Class 2	1-E-NV-0001 CN-ISIN3-1554-1.6 CNM 1201.06.58	NDE-66	VT-3	NA		0.500 / 0.000		F01.040.226 Vertical Letdown Heat Exchanger Lateral Support (Top of HX) Examine with D01.010.061. Reference PIP C-07-0193.
C1.F1.40.0108 1SWHX-LATERAL Rigid Support	NV Class 3	1-E-NV-0002 CN-ISIN3-1554-1.6 CNM 1201.06.50	NDE-66	VT-3	NA		0.750 / 0.000		F01.040.227 Seal Water Heat Exchanger Lateral Support (Top of HX) Examine with D01.010.062. Reference PIP C-07-0193.
Category Q-A									
C1.Q1.1.0001 1NC26-3V CIRCUMFERENTIAL	NC Class 1	CN-1NC-026	PDI-UT-8	UT	SS-CS		1.640 / 14.000	DE-13-CIRC- DE-13-AX-01	----- Pressurizer Surge Nozzle: Weld 1NC26-3V is weld overlay that covers welds 1PZR-W1SE and 1NC26-3. Inspection in outage 2 (EOC 17) does not count in code percentages. The inspection in outage 5 (EOC 20) is part of the 25% of the total population of weld overlay items that are required to be examined during the 10 year interval. The weld inspection in outage 5 (EOC 20) does count in the code percentages (25%)for Appendix Q.
C1.Q1.1.0002 1NC173-1V CIRCUMFERENTIAL	NC Class 1	CN-1NC-173	PDI-UT-8	UT	SS-CS		0.960 / 6.000	DE-8-CIRC-01 DE-8-AX-01	----- Pressurizer Relief Nozzle: Weld 1NC173-1V is weld overlay that covers welds 1PZR-W3SE and 1NC173-1. Inspection in outage 2 (EOC 17) does not count in code percentages. The inspection in outage 5 (EOC 20) is part of the 25% of the total population of weld overlay items that are required to be examined during the 10 year interval. The weld inspection in outage 5 (EOC 20) does count in the code percentages (25%)for Appendix Q.

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Catawba 1, 3rd Interval, Page 2 (EOC-17)

Summary Number Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category Q-A									
C1.Q1.1.0003 1NC190-24V	NC	CN-1NC-190	PDI-UT-8	UT	SS-CS		0.760 / 4.000	DE-6-CIRC-01 DE-6-AX-01	Pressurizer Spray Nozzle: Weld 1NC190-24V is weld overlay that covers welds 1PZR-W2SE and 1NC190-24. Inspection in outage 2 (EOC 17) does not count in code percentages required (25% for Appendix Q) for the 10 year interval.
CIRCUMFERENTIAL	Class 1								
C1.Q1.1.0004 1NC227-1V	NC	CN-1NC-227	PDI-UT-8	UT	SS-CS		0.960 / 6.000	DE-8-CIRC-01 DE-8-AX-01	Pressurizer Safety Nozzle (X-Y): Weld 1NC227-1V is weld overlay that covers welds 1PZR-W4ASE and 1NC227-1. Inspection in outage 2 (EOC 17) does not count in code percentages required (25% for Appendix Q) for the 10 year interval.
CIRCUMFERENTIAL	Class 1								
C1.Q1.1.0005 1NC258-1V	NC	CN-1NC-258	PDI-UT-8	UT	SS-CS		0.960 / 6.000	DE-8-CIRC-01 DE-8-AX-01	Pressurizer Safety Nozzle (X-W): Weld 1NC258-1V is weld overlay that covers welds 1PZR-W4BSE and 1NC258-1. Inspection in outage 2 (EOC 17) does not count in code percentages required (25% for Appendix Q) for the 10 year interval.
CIRCUMFERENTIAL	Class 1								
C1.Q1.1.0006 1NC224-1V	NC	CN-1NC-224	PDI-UT-8	UT	SS-CS		0.960 / 6.000	DE-8-CIRC-01 DE-8-AX-01	Pressurizer Safety Nozzle (W-Z): Weld 1NC224-1V is weld overlay that covers welds 1PZR-W4CSE and 1NC224-1. Inspection in outage 2 (EOC 17) does not count in code percentages required (25% for Appendix Q) for the 10 year interval.
CIRCUMFERENTIAL	Class 1								

End of Report

STATISTICS ONLY Class 1 109 Class 2 107 Class 3 40 Total by Class 256 Systems 256 Total Count 256

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.

SUMMARY 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 (Geometric Reflector applies only to UT)	=	<u>Y</u> Yes <u>N</u> No
RFR (Relief Request)	=	<u>Y</u> Yes <u>N</u> No
COMMENTS	=	General and / or Detail Description

4.1 Reportable Indications

No reportable condition was detected during EOC17.

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.

Summary Numbers

Description of Limitation

C1.B3.110.0002	Coverage Limitation (81.70%) *
C1.B3.110.0003	Coverage Limitation (81.20%) *
C1.C1.20.0003	Coverage Limitation (30.60%) *
C1.C1.20.0019	Coverage Limitation (89.40%) *
C1.C5.21.0002	Coverage Limitation (77.00%) *

* PIP# C-08-04809 was written to track the corrective actions for limited coverage on UT examinations of welds that were inspected during 1EOC17 for Unit 1.

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
Inservice Inspection Database Management System
Inspection Results

Scheduleworks

Catawba 1, 3rd Interval, Outage 2 (EOC-17)

ISI Results through Plan Addendum 3CNS1-029

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C1.B10.10.0002	1PZR-W10A	NC	05/23/08	CLR	N	N	N	MT-08-018
C1.B12.50.0003	1NC-2	NC	06/10/08	CLR	N	N	N	Report n/a
C1.B13.10.0001	1RPV-INTERIOR	NC	05/29/08	CLR	N	N	N	VT-08-122
C1.B2.40.0001	1SGB-W22	NC	05/29/08	REC	99.80%	N	N	UT-08-060
C1.B3.110.0002	1PZR-W2	NC	05/07/08	CLR	81.70%	N	Y	UT-08-007 Reference PIP#C-08-04809 Request for Relief to be Filed Later
		NC	05/07/08	CLR	81.70%	Y	Y	UT-08-009 Reference PIP#C-08-04809 Request for Relief to be Filed Later
C1.B3.110.0003	1PZR-W3	NC	05/07/08	CLR	81.20%	N	Y	UT-08-008 Reference PIP#C-08-04809 Request for Relief to be Filed Later
		NC	05/07/08	CLR	81.20%	N	Y	UT-08-010 Reference PIP#C-08-04809 Request for Relief to be Filed Later
C1.B3.120.0002	1PZR-W2	NC	05/07/08	CLR	N	N	N	UT-08-005

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>Gr Ret</i>	<i>RFR</i>	<i>Comment</i>
C1.B3.120.0003	1PZR-W3	NC	05/07/08	CLR	N	N	N	UT-08-006
C1.B3.140.0003	1SGB-INLET	NC	05/10/08	CLR	N	N	N	UT-08-018
C1.B3.140.0004	1SGB-OUTLET	NC	05/10/08	CLR	N	N	N	UT-08-019
C1.B6.10.0001	1RPV-743-32-01	NC	05/14/08	CLR	N	N	N	VT-08-067
C1.B6.10.0002	1RPV-743-32-02	NC	05/14/08	CLR	N	N	N	VT-08-068
C1.B6.10.0003	1RPV-743-32-03	NC	05/14/08	CLR	N	N	N	VT-08-069
C1.B6.10.0004	1RPV-743-32-04	NC	05/14/08	CLR	N	N	N	VT-08-070
C1.B6.10.0005	1RPV-743-32-05	NC	05/14/08	CLR	N	N	N	VT-08-071
C1.B6.10.0006	1RPV-743-32-06	NC	05/15/08	CLR	N	N	N	VT-08-072
C1.B6.10.0007	1RPV-743-32-07	NC	05/15/08	CLR	N	N	N	VT-08-073
C1.B6.10.0008	1RPV-743-32-08	NC	05/15/08	CLR	N	N	N	VT-08-090
C1.B6.10.0009	1RPV-743-32-09	NC	05/15/08	CLR	N	N	N	VT-08-091
C1.B6.10.0010	1RPV-743-32-10	NC	05/15/08	CLR	N	N	N	VT-08-092
C1.B6.10.0011	1RPV-743-32-11	NC	05/15/08	CLR	N	N	N	VT-08-074

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>G. Rer</i>	<i>RFR</i>	<i>Comment</i>
C1.B6.10.0012	1RPV-743-32-12	NC	05/15/08	CLR	N	N	N	VT-08-075
C1.B6.10.0013	1RPV-743-32-55	NC	05/15/08	CLR	N	N	N	VT-08-076
C1.B6.10.0014	1RPV-743-32-14	NC	05/15/08	CLR	N	N	N	VT-08-077
C1.B6.10.0015	1RPV-743-32-15	NC	05/19/08	CLR	N	N	N	VT-08-096
C1.B6.10.0016	1RPV-743-32-16	NC	05/19/08	CLR	N	N	N	VT-08-097
C1.B6.10.0017	1RPV-743-32-17	NC	05/19/08	CLR	N	N	N	VT-08-098
C1.B6.10.0018	1RPV-743-32-18	NC	05/19/08	CLR	N	N	N	VT-08-099
C1.B6.100.0001	1SGA-MW-X1-Y1	NC	05/23/08	CLR	N	N	N	VT-08-104
C1.B6.100.0002	1SGA-MW-X1-Y2	NC	05/23/08	CLR	N	N	N	VT-08-105
C1.B6.100.0003	1SGB-MW-Y1-X2	NC	05/23/08	CLR	N	N	N	VT-08-106
C1.B6.100.0004	1SGB-MW-X2-Y2	NC	05/23/08	CLR	N	N	N	VT-08-107
C1.B6.100.0005	1SGC-MW-X1-Y1	NC	05/23/08	CLR	N	N	N	VT-08-108
C1.B6.100.0006	1SGC-MW-X1-Y2	NC	05/23/08	CLR	N	N	N	VT-08-109
C1.B6.100.0007	1SGD-MW-Y1-X2	NC	05/23/08	CLR	N	N	N	VT-08-110

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>Gr Ret</i>	<i>RFR</i>	<i>Comment</i>
C1.B6.100.0008	1SGD-MW-X2-Y2	NC	05/23/08	CLR	N	N	N	VT-08-111
C1.B6.180.0001	1RCP-1A-F	NC	05/25/08	CLR	N	N	N	UT-08-058
C1.B6.30.0001	1RPV-743-31-01	NC	05/14/08	CLR	N	N	N	UT-08-033
C1.B6.30.0002	1RPV-743-31-02	NC	05/14/08	CLR	N	N	N	UT-08-034
C1.B6.30.0003	1RPV-743-31-03	NC	05/14/08	CLR	N	N	N	UT-08-035
C1.B6.30.0004	1RPV-743-31-04	NC	05/14/08	CLR	N	N	N	UT-08-036
C1.B6.30.0005	1RPV-743-31-05	NC	05/14/08	CLR	N	N	N	UT-08-037
C1.B6.30.0006	1RPV-743-31-06	NC	05/14/08	CLR	N	N	N	UT-08-038
C1.B6.30.0007	1RPV-743-31-07	NC	05/14/08	CLR	N	N	N	UT-08-039
C1.B6.30.0008	1RPV-743-31-08	NC	05/14/08	CLR	N	N	N	UT-08-040
C1.B6.30.0009	1RPV-743-31-09	NC	05/14/08	CLR	N	N	N	UT-08-041
C1.B6.30.0011	1RPV-743-31-11	NC	05/14/08	CLR	N	N	N	UT-08-042
C1.B6.30.0012	1RPV-743-31-12	NC	05/15/08	CLR	N	N	N	UT-08-043
C1.B6.30.0013	1RPV-743-31-55	NC	05/15/08	CLR	N	N	N	UT-08-044

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>Gr Re</i>	<i>RFR</i>	<i>Comment</i>
C1.B6.30.0014	1RPV-743-31-14	NC	05/15/08	CLR	N	N	N	UT-08-045
C1.B6.30.0016	1RPV-743-31-16	NC	05/15/08	CLR	N	N	N	UT-08-047
C1.B6.30.0017	1RPV-743-31-17	NC	05/15/08	CLR	N	N	N	UT-08-048
C1.B6.30.0055	1RPV-743-31-S3	NC	05/15/08	CLR	N	N	N	UT-08-055
C1.B6.30.0056	1RPV-743-31-S4	NC	05/15/08	CLR	N	N	N	UT-08-056
C1.B6.30.0057	1RPV-743-31-S5	NC	05/15/08	CLR	N	N	N	UT-08-057
C1.B6.50.0001	1RPV-743-33-01	NC	05/14/08	CLR	N	N	N	VT-08-078
C1.B6.50.0002	1RPV-743-33-02	NC	05/14/05	CLR	N	N	N	VT-08-079
C1.B6.50.0003	1RPV-743-33-03	NC	05/14/08	CLR	N	N	N	VT-08-080
C1.B6.50.0004	1RPV-743-33-04	NC	05/14/08	CLR	N	N	N	VT-08-081
C1.B6.50.0005	1RPV-743-33-05	NC	05/14/08	CLR	N	N	N	VT-08-082
C1.B6.50.0006	1RPV-743-33-06	NC	05/15/08	CLR	N	N	N	VT-08-083
C1.B6.50.0007	1RPV-743-33-07	NC	05/15/08	CLR	N	N	N	VT-08-084
C1.B6.50.0008	1RPV-743-33-08	NC	05/15/08	CLR	N	N	N	VT-08-093

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>Gr Re</i>	<i>RFR</i>	<i>Comment</i>
C1.B6.50.0009	1RPV-743-33-09	NC	05/15/08	CLR	N	N	N	VT-08-094
C1.B6.50.0010	1RPV-743-33-10	NC	05/15/08	CLR	N	N	N	VT-08-095
C1.B6.50.0011	1RPV-743-33-11	NC	05/15/08	CLR	N	N	N	VT-08-085
C1.B6.50.0012	1RPV-743-33-12	NC	05/15/08	CLR	N	N	N	VT-08-086
C1.B6.50.0013	1RPV-743-33-55	NC	05/15/08	CLR	N	N	N	VT-08-087
C1.B6.50.0014	1RPV-743-33-14	NC	05/15/08	CLR	N	N	N	VT-08-088
C1.B6.50.0015	1RPV-743-33-15	NC	05/19/08	CLR	N	N	N	VT-08-100
C1.B6.50.0016	1RPV-743-33-16	NC	05/19/08	CLR	N	N	N	VT-08-101
C1.B6.50.0017	1RPV-743-33-17	NC	05/19/08	CLR	N	N	N	VT-08-102
C1.B6.50.0018	1RPV-743-33-18	NC	05/19/08	CLR	N	N	N	VT-08-103
C1.B7.10.0001	1RPV-CETNA-74	NC	05/28/08	CLR	N	N	N	VT-08-117
C1.B7.10.0002	1RPV-CETNA-75	NC	05/28/08	CLR	N	N	N	VT-08-118
C1.B7.10.0003	1RPV-CETNA-76	NC	05/28/08	CLR	N	N	N	VT-08-119
C1.B7.10.0004	1RPV-CETNA-77	NC	05/28/08	CLR	N	N	N	VT-08-120

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	G Rer	RFR	Comment
C1.B7.10.0005	1RPV-CETNA-78	NC	05/28/08	CLR	N	N	N	VT-08-121
C1.B7.50.0012	1NC287-MJ1	NC	05/06/08	CLR	N	N	N	VT-08-003
C1.B7.50.0013	1NC287-MJ2	NC	05/06/08	CLR	N	N	N	VT-08-004
C1.B9.11.0047	1NC190-19	NC	05/07/08	CLR	N	N	N	PT-08-005
		NC	05/07/08	CLR	N	N	N	UT-08-003
C1.B9.11.0048	1NC190-20	NC	05/07/08	CLR	N	N	N	PT-08-006
		NC	05/07/08	CLR	N	Y	N	UT-08-004
C1.B9.32.0001	1NC22-WN9	NC	05/06/08	CLR	N	N	N	PT-08-014
C1.C1.10.0003	1ELDHX-SH-FLG	NV	05/22/08	CLR	N	N	N	UT-08-052
C1.C1.20.0002	1ELDHX-SH-HD	NV	05/22/08	CLR	N	N	N	UT-08-053
C1.C1.20.0003	1ELDHX-HD-FLG	NV	05/22/08	CLR	30.60%	Y	Y	UT-08-054 Reference PIP#C-08-04809 Request for Relief to be Filed Later
C1.C1.20.0019	1VCT-LH-SH	NV	05/14/08	CLR	89.40%	Y	Y	UT-08-031 Reference PIP#C-08-04809 Request for Relief to be Filed Later
C1.C1.20.0020	1VCT-UH-SH	NV	05/14/08	CLR	95.80%	Y	N	UT-08-032

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	G. Ref	RFR	Comment
C1.C1.30.0007	1SGA-W65	NC	05/29/08	CLR	96.70%	N	N	UT-08-059
C1.C2.11.0004	1VCT-30-2	NV	05/14/08	CLR	N	N	N	PT-08-027
C1.C3.10.0001	1RHRHXA-6-23	ND	04/02/08	CLR	N	N	N	PT-08-001
C1.C3.10.0004	1SWHX-SUPP	NV	05/21/08	CLR	N	N	N	PT-08-037
C1.C3.40.0001	1-R-SV-1512	SV	05/09/08	CLR	N	N	N	MT-08-002
C1.C3.40.0002	1-R-SV-1608	SV	05/09/08	CLR	N	N	N	MT-08-003
C1.C5.11.0061	1ND57-26	ND	04/02/08	CLR	N	N	N	PT-08-002
		ND	04/07/08	CLR	N	Y	N	UT-08-001
C1.C5.11.0062	1ND59-12	ND	04/02/08	CLR	N	N	N	PT-08-003
		ND	04/07/08	CLR	N	Y	N	UT-08-002
C1.C5.21.0001	1NI11-8	NI	05/10/08	CLR	N	N	N	PT-08-015
		NI	05/12/08	CLR	N	N	N	UT-08-020
C1.C5.21.0002	1NI11-9	NI	05/10/08	CLR	N	N	N	PT-08-016
		NI	05/12/08	CLR	77.00%	N	Y	UT-08-023

Reference PIP#C-08-04809
Request for Relief to be Filed Later

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>G. Rer</i>	<i>RFR</i>	<i>Comment</i>
C1.C5.21.0003	1NI11-10	NI	05/10/08	CLR	N	N	N	PT-08-017
		NI	05/12/08	CLR	92.10%	N	N	UT-08-024
C1.C5.21.0011	1NI22-1	NI	05/10/08	CLR	N	N	N	PT-08-018
		NI	05/12/08	CLR	92.10%	N	N	UT-08-025
C1.C5.21.0012	1NI22-2	NI	05/10/08	CLR	N	N	N	PT-08-019
		NI	05/12/08	CLR	N	N	N	UT-08-021
C1.C5.21.0013	1NI22-3	NI	05/10/08	CLR	N	N	N	PT-08-020
		NI	05/12/08	CLR	N	N	N	UT-08-022
C1.C5.30.0011	1NI206-2	NI	05/10/08	CLR	N	N	N	PT-08-021
C1.C5.30.0012	1NI206-3	NI	05/10/08	CLR	N	N	N	PT-08-022
C1.C5.30.0013	1NI206-4	NI	05/10/08	CLR	N	N	N	PT-08-023
C1.C5.30.0014	1NI206-5	NI	05/10/08	CLR	N	N	N	PT-08-024
C1.C5.30.0022	1NV100-3	NV	05/16/08	CLR	N	N	N	PT-08-031
C1.C5.30.0023	1NV100-4	NV	05/16/08	CLR	N	N	N	PT-08-032
C1.C5.30.0024	1NV100-9	NV	05/16/08	CLR	N	N	N	PT-08-033

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>Gr Ret</i>	<i>RFR</i>	<i>Comment</i>
C1.C5.30.0025	1NV100-10	NV	05/16/08	CLR	N	N	N	PT-08-034
C1.C5.30.0026	1NV100-11	NV	05/16/08	CLR	N	N	N	PT-08-035
C1.C5.30.0027	1NV100-12	NV	05/16/08	CLR	N	N	N	PT-08-036
C1.C5.30.0028	1NV109-19	NV	05/06/08	CLR	N	N	N	PT-08-007
C1.C5.30.0029	1NV109-20	NV	05/06/08	CLR	N	N	N	PT-08-009
C1.C5.30.0030	1NV109-23	NV	05/06/08	CLR	N	N	N	PT-08-010
C1.C5.30.0031	1NV109-24	NV	05/06/08	CLR	N	N	N	PT-08-011
C1.C5.30.0032	1NV109-25	NV	05/06/08	CLR	N	N	N	PT-08-012
C1.C5.30.0033	1NV109-26	NV	05/06/08	CLR	N	N	N	PT-08-013
C1.C5.51.0025	1CF41-1	CF	05/11/08	CLR	N	N	N	MT-08-004
		CF	05/12/08	CLR	N	Y	N	UT-08-026
C1.C5.51.0026	1CF38-1	CF	05/11/08	CLR	N	N	N	MT-08-005
		CF	05/12/08	CLR	N	Y	N	UT-08-029
C1.C5.51.0029	1SGD-W260	CF	05/13/08	CLR	N	N	N	MT-08-006
		CF	05/14/08	CLR	N	N	N	UT-08-030

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>G. Rer</i>	<i>RFR</i>	<i>Comment</i>
C1.C5.51.0048	1SM39-35	SM	05/20/08	CLR	N	N	N	MT-08-017
		SM	05/21/08	CLR	N	N	N	UT-08-051
C1.C5.51.0055	1SV30-5	SV	05/15/08	CLR	N	N	N	MT-08-015
		SV	05/15/08	CLR	N	Y	N	UT-08-050
C1.C5.51.0056	1SV33-7	SV	05/08/08	CLR	N	N	N	MT-08-001
		SV	05/08/08	CLR	N	Y	N	UT-08-011
C1.C5.61.0001	1CA100-1	CA	05/13/08	CLR	N	N	N	MT-08-007
		CA	05/13/08	CLR	N	N	N	UT-08-027
C1.C5.61.0002	1CA100-13	CA	05/13/08	CLR	N	N	N	MT-08-008
		CA	05/13/08	CLR	N	N	N	UT-08-028
C1.C5.61.0012	1CA88-2	CA	05/15/08	CLR	N	N	N	MT-08-016
		CA	05/15/08	CLR	N	N	N	UT-08-049
C1.C5.70.0009	1CA109-1	CA	05/11/08	CLR	N	N	N	PT-08-025
C1.C5.70.0010	1CA109-11	CA	05/11/08	CLR	N	N	N	PT-08-026
C1.C5.70.0015	1CA122-18	CA	05/16/08	CLR	N	N	N	PT-08-028

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>G. Re:</i>	<i>RFR</i>	<i>Comment</i>
C1.C6.20.0003	1ND-33	ND	04/02/08	CLR	N	N	N	PT-08-004
C1.C6.20.0005	1NI-10B	NI	05/16/08	CLR	N	N	N	PT-08-030
C1.C6.20.0009	1NI-150B	NI	05/16/08	CLR	N	N	N	PT-08-029
C1.D1.10.0003	1DGEJWSTPA-SUPPORT	KD	06/01/08	CLR	N	N	N	VT-08-126
C1.D1.10.0011	1CRACCA-SUPPORT	YC	03/08/07	CLR	N	N	N	VT-07-661
C1.D1.10.0012	1EVAPC-SUPPORT	YC	03/08/07	CLR	N	N	N	VT-07-662
C1.D1.10.0016	1RHRHXA-LATERAL	ND	06/25/07	CLR	N	N	N	VT-07-663
C1.D1.10.0017	1LDHX-LATERAL	NV	06/26/07	CLR	N	N	N	VT-07-664
C1.D1.10.0018	1SWHX-LATERAL	NV	06/25/07	CLR	N	N	N	VT-07-665
C1.F1.10.0001	1-R-NC-2160	NC	05/08/08	CLR	N	N	N	VT-08-016
C1.F1.11.0001	1-R-NC-1066	NC	05/17/08	REC	N	N	N	VT-08-064
C1.F1.11.0002	1-R-NC-1309	NC	06/03/08	CLR	N	N	N	VT-08-123
C1.F1.11.0005	1-R-NI-1255	NI	05/08/08	CLR	N	N	N	VT-08-021
C1.F1.11.0010	1-R-NV-1493	NV	05/08/08	CLR	N	N	N	VT-08-020

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>C Re.</i>	<i>RFR</i>	<i>Comment</i>
C1.F1.12.0009	1-R-NC-1298	NC	06/12/08	REC	N	N	N	VT-08-127
C1.F1.12.0010	1-R-NC-1093	NC	05/08/08	CLR	N	N	N	VT-08-017
C1.F1.12.0025	1-R-NV-2217	NV	05/08/08	CLR	N	N	N	VT-08-018
C1.F1.20.0001	1-R-CA-1068	CA	05/08/08	CLR	N	N	N	VT-08-024
C1.F1.20.0002	1-R-CA-1070	CA	05/08/08	REC	N	N	N	VT-08-025
C1.F1.20.0060	1-R-NS-0069	NS	05/13/08	CLR	N	N	N	VT-08-054
C1.F1.20.0061	1-R-NS-0074	NS	05/09/08	CLR	N	N	N	VT-08-026
C1.F1.20.0064	1-R-NS-0020	NS	05/07/08	CLR	N	N	N	VT-08-005
C1.F1.20.0065	1-R-NS-0021	NS	05/07/08	CLR	N	N	N	VT-08-006
C1.F1.20.0083	1-R-NV-1325	NV	05/12/08	CLR	N	N	N	VT-08-044
C1.F1.20.0084	1-R-NV-1326	NV	05/12/08	CLR	N	N	N	VT-08-050
C1.F1.20.0109	1-R-NV-0320	NV	05/07/08	CLR	N	N	N	VT-08-007
C1.F1.20.0129	1-R-SV-1512	SV	05/08/08	CLR	N	N	N	VT-08-015
C1.F1.20.0130	1-R-SV-1608	SV	05/08/08	CLR	N	N	N	VT-08-012

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>G. Rer</i>	<i>RFR</i>	<i>Comment</i>
C1.F1.21.0003	1-R-CA-1662	CA	05/08/08	CLR	N	N	N	VT-08-019
C1.F1.21.0004	1-R-CA-1668	CA	05/09/08	CLR	N	N	N	VT-08-031
C1.F1.21.0017	1-R-NI-0330	NI	05/13/08	CLR	N	N	N	VT-08-055
C1.F1.21.0018	1-R-NI-1422	NI	05/12/08	CLR	N	N	N	VT-08-049
C1.F1.21.0056	1-R-NV-1317	NV	05/12/08	CLR	N	N	N	VT-08-052
C1.F1.21.0057	1-R-NV-1515	NV	05/12/08	CLR	N	N	N	VT-08-048
C1.F1.21.0058	1-R-NV-1568	NV	05/12/08	CLR	N	N	N	VT-08-046
C1.F1.21.0084	1-R-NV-0515	NV	05/07/08	CLR	N	N	N	VT-08-009
C1.F1.21.0085	1-R-NV-0516	NV	05/07/08	CLR	N	N	N	VT-08-010
C1.F1.21.0086	1-R-NV-0438	NV	05/07/08	CLR	N	N	N	VT-08-008
C1.F1.21.0348	1-R-NS-1315	NS	05/25/08	CLR	N	N	N	VT-08-112
C1.F1.21.0358	1-R-NS-1314	NS	05/25/08	CLR	N	N	N	VT-08-113
C1.F1.22.0001	1-R-CA-1066	CA	05/12/08	CLR	N	N	N	VT-08-047
C1.F1.22.0002	1-R-CA-1072	CA	05/08/08	CLR	N	N	N	VT-08-023

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>C Re</i>	<i>RFR</i>	<i>Comment</i>
C1.F1.22.0003	1-R-CA-1079	CA	05/08/08	CLR	N	N	N	VT-08-022
C1.F1.22.0007	1-R-CF-1017	CF	05/12/08	CLR	N	N	N	VT-08-045
C1.F1.22.0039	1-R-SA-1510	SA	05/09/08	CLR	N	N	N	VT-08-040
C1.F1.22.0044	1-R-SM-1578	SM	05/08/08	CLR	N	N	N	VT-08-013
C1.F1.22.0045	1-R-SM-1581	SM	05/08/08	CLR	N	N	N	VT-08-014
C1.F1.30.0013	1-R-KC-0454	KC	05/08/08	CLR	N	N	N	VT-08-035
C1.F1.30.0014	1-R-KC-0455	KC	05/08/08	REC	N	N	N	VT-08-039
C1.F1.30.0015	1-R-KC-0456	KC	05/08/08	CLR	N	N	N	VT-08-036
C1.F1.30.0016	1-R-KC-0325	KC	05/09/08	CLR	N	N	N	VT-08-034
C1.F1.30.0017	1-R-KC-0326	KC	05/08/08	CLR	N	N	N	VT-08-033
C1.F1.30.0018	1-R-KC-0339	KC	05/09/08	CLR	N	N	N	VT-08-037
C1.F1.30.0019	1-R-KC-0674	KC	05/09/08	CLR	N	N	N	VT-08-038
C1.F1.30.0020	1-R-KC-0151	KC	05/09/08	CLR	N	N	N	VT-08-027
C1.F1.30.0021	1-R-KC-0152	KC	05/09/08	CLR	N	N	N	VT-08-028

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>C. Rei</i>	<i>RFR</i>	<i>Comment</i>
C1.F1.30.0022	1-R-KC-0153	KC	05/09/08	CLR	N	N	N	VT-08-030
C1.F1.30.0023	1-R-KC-0164	KC	05/09/08	CLR	N	N	N	VT-08-041
C1.F1.30.0024	1-R-KC-0165	KC	05/09/08	CLR	N	N	N	VT-08-042
C1.F1.30.0025	1-R-KC-0386	KC	05/09/08	CLR	N	N	N	VT-08-029
C1.F1.30.0055	1-R-KD-0116	KD	05/26/08	CLR	N	N	N	VT-08-116
C1.F1.30.0062	1-R-LD-0075	LD	05/26/08	CLR	N	N	N	VT-08-114
C1.F1.30.0067	1-R-RN-0072	RN	05/16/08	CLR	N	N	N	VT-08-057
C1.F1.30.0075	1-R-RN-0074	RN	05/16/08	CLR	N	N	N	VT-08-058
C1.F1.30.0076	1-R-RN-0075	RN	05/17/08	CLR	N	N	N	VT-08-059
C1.F1.30.0077	1-R-RN-0078	RN	05/17/08	CLR	N	N	N	VT-08-065
C1.F1.30.0083	1-R-RN-0285	RN	05/17/08	CLR	N	N	N	VT-08-060
C1.F1.30.0084	1-R-RN-0288	RN	05/16/08	CLR	N	N	N	VT-08-061
C1.F1.30.0088	1-R-SA-0027	SA	05/07/08	REC	N	N	N	VT-08-011
C1.F1.30.0097	1-R-YC-0045	YC	05/09/08	CLR	N	N	N	VT-08-043

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>C Re</i>	<i>RFR</i>	<i>Comment</i>
C1.F1.31.0003	1-R-KC-1090	KC	05/12/08	CLR	N	N	N	VT-08-051
C1.F1.31.0005	1-R-KC-1562	KC	05/12/08	CLR	N	N	N	VT-08-053
C1.F1.31.0014	1-R-RN-0325	RN	05/17/08	CLR	N	N	N	VT-08-062
C1.F1.31.0017	1-R-RN-0327	RN	05/17/08	CLR	N	N	N	VT-08-063
C1.F1.32.0005	1-R-FD-0002	FD	06/08/08	CLR	N	N	N	VT-08-128
C1.F1.32.0006	1-R-KC-0448	KC	05/09/08	CLR	N	N	N	VT-08-032
C1.F1.32.0013	1-R-KD-0013	KD	05/26/08	CLR	N	N	N	VT-08-115
C1.F1.40.0013	1LDHX-SUPPORT	NV	06/26/07	CLR	N	N	N	VT-07-666
C1.F1.40.0016	1RHRA-SKIRT	ND	06/25/07	CLR	N	N	N	VT-07-667
C1.F1.40.0023	1SWHX-SUPPORT	NV	06/25/07	CLR	N	N	N	VT-07-668
C1.F1.40.0024	1NSHXA-SUPPORT	NS	06/25/07	CLR	N	N	N	VT-07-669
C1.F1.40.0025	1NSHXA-RESTRAINT	NS	06/25/07	CLR	N	N	N	VT-07-670
C1.F1.40.0091	1FWST-SUPPORT	FW	03/15/07	CLR	N	N	N	VT-07-671
C1.F1.40.0094	1CRACCA-SUPPORT	YC	03/08/07	CLR	N	N	N	VT-07-672

<i>Summary No</i>	<i>Component ID</i>	<i>System</i>	<i>Insp Date</i>	<i>Insp Status</i>	<i>Insp Limited</i>	<i>C Re</i>	<i>RFR</i>	<i>Comment</i>
C1.F1.40.0095	1EVAPC-SUPPORT	YC	03/08/07	CLR	N	N	N	VT-07-673
C1.F1.40.0102	1RPV-CRDM	NC	06/10/08	REC	N	N	N	VT-08-129
C1.F1.40.0103	1RHRPA-LATERAL	ND	06/25/07	CLR	N	N	N	VT-07-674
C1.F1.40.0104	1NSPA-LATERAL	NS	06/26/07	CLR	N	N	N	VT-07-675
C1.F1.40.0105	1NSPAM-LATERAL	NS	06/26/07	CLR	N	N	N	VT-07-676
C1.F1.40.0106	1RHRHXA-LATERAL	ND	06/25/07	CLR	N	N	N	VT-07-677
C1.F1.40.0107	1LDHX-LATERAL	NV	06/26/07	CLR	N	N	N	VT-07-678
C1.F1.40.0108	1SWHX-LATERAL	NV	06/25/07	CLR	N	N	N	VT-07-679
C1.G6.2.0001	1PZR-MANWAY	NC	05/13/08	CLR	N	N	N	VT-08-056
C1.G9.1.0019	1RPV-743-31-03	NC	05/15/08	CLR	N	N	N	MT-08-009
C1.G9.1.0020	1RPV-743-32-03	NC	05/15/08	CLR	N	N	N	MT-08-010
C1.G9.1.0021	1RPV-743-31-07	NC	05/15/08	CLR	N	N	N	MT-08-011
C1.G9.1.0022	1RPV-743-32-07	NC	05/15/08	CLR	N	N	N	MT-08-012
C1.G9.1.0023	1RPV-743-31-55	NC	05/15/08	CLR	N	N	N	MT-08-013

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.

Work Order	Code Class	Sys	MOD No.	Description of Work	Repair, Replacement	Flaw Indication Maint/ ISI (*Yes No)	Owner Final	ANII Final
1722488-24	A	NC	CD100708	Valve 1NC27	Replacement	No	7/29/2008	7/29/2008
1722488-26	A	NC	CD100708	Bolting for 1NC27	Replacement	No	8/18/2008	8/18/2008
1722491-29	A	NC	CD100708	Bolting for 1NC29	Replacement	No	8/18/2008	8/19/2008
1722491-34	A	NC	CD100708	Valve 1NC29	Replacement	No	7/29/2008	7/29/2008
1763327-08	A	NC	CD101299	Spectacle Flange 1NC005	New	No	7/16/2008	7/26/2008
1763328-09	A	NC	CD101299	Valve 1NC-95	New	No	8/5/2008	8/11/2008
1763330-08	A	NC	CD101299	Spectacle Flange 1NC20	New	No	7/15/2008	7/29/2008
1771085-03	A	NC	NA	Valve 1NC-001	Replacement	No	8/5/2008	8/11/2008
1771086-05	A	NC	NA	Valve 1NC002	Replacement	No	7/16/2008	7/29/2008
1771088-05	A	NC	NA	Valve 1NC-003	Replacement	No	8/5/2008	8/18/2008
1787830-08	A	NC	CD101299	Spectacle Flange 1NC106	New	No	7/15/2008	7/26/2008
1809977-04	A	NI	NA	Seal Weld for 1NI-19	Replacement	No	6/23/2008	7/16/2008
1811290-02	A	NI	NA	Seal Weld for 1NI352	Replacement	No	6/23/2008	7/17/2008
1815746-03	A	NC	NA	Reactor Vessel Conoseal	Replacement	No	7/30/2008	8/1/2008
1027414-13	B	NC	NA	Bolting for NC Pump Motor Cooler	Replacement	No	2/18/2008	2/25/2008
1124553-10	B	CA	CD100628	Reroute CA/CF Piping	Replacement	No	7/28/2008	7/29/2008
1704208-01	B	BB	CE101645B	Valve 1BB16	Replacement	No	7/1/2008	7/17/2008
1704211-02	B	BB	CE101645	Valve 1BB155	Replacement	No	6/23/2008	7/23/2008
1709899-01	B	NV	NA	Bonnet Bolt for 1NV-171	Replacement	No	1/23/2008	1/29/2008
1709900-01	B	NV	NA	Bonnet Bolt for 1NV-160	Replacement	No	1/23/2008	1/29/2008
1709902-01	B	NV	NA	Bonnet Bolt for 1NV-156	Replacement	No	2/5/2006	2/6/2008
1709903-01	B	NV	NA	Bonnet Bolt for 1NV-471	Replacement	No	3/28/2007	3/28/2007
1709906-01	B	NV	NA	Bonnet Bolt for 1NV-491	Replacement	No	2/5/2008	2/6/2008
1713403-02	B	NV	NA	Valve 1NV-151	Replacement	No	7/1/2008	7/17/2008
1713948-01	B	NV	NA	Bonnet Bolt for 1NV-170	Replacement	No	1/23/2008	1/29/2008
1720069-01	B	BB	CE101645	Valve 1BB002	Replacement	No	7/16/2008	7/26/2008
1720070-01	B	BB	CE101645	Valve 1BB153	Replacement	No	7/1/2008	7/21/2008
1730565-01	B	CA	NA	Seal Weld for 1CA190	Replacement	No	6/23/2008	7/16/2008
1733958-02	B	NV	NA	Bonnet Bolt for 1NV-176	Replacement	No	5/30/2007	6/26/2007
1735562-01	B	SM	NA	Valve 1SM-19	Replacement	No	8/5/2008	8/12/2008
1736990-01	B	NV	CE101049	Valve 1NV325	Replacement	No	7/1/2008	7/17/2008
1748158-35	B	NI	CD101308	Install Accumulator for 1NI185A	New	No	8/5/2008	8/12/2008

1755870-12	B	BB	CD100646	Valve 1BB17	Replacement	No	7/7/2008	7/28/2008
1762801-20	B	NI	CD10108	Install Accumulator for 1NI184B	New	No	8/5/2008	8/12/2008
1765966-27	B	CF	CD100628	Piping Reroute	Replacement	No	7/16/2008	7/26/2008
1766314-08	B	NI	CD100870	Pressure Breakdown Orifices	Add	No	6/12/2008	7/16/2008
1766930-01	B	NS	CE101401	Valve 1NS-36	Replacement	No	6/23/2008	7/17/2008
1766949-01	B	NS	CE101401	Valve 1NS-45	Replacement	No	6/23/2008	7/21/2008
1766950-01	B	NS	CE101401	Valve 1NS-61	Replacement	No	6/23/2008	7/14/2008
1766951-01	B	NS	CE101401	Valve 1NS-64	Replacement	No	6/23/2008	7/22/2008
1768839-09	B	BB	CD100672	Reroute BB Piping	Replacement	No	7/30/2008	7/31/2008
1768840-09	B	BB	CD100673	Valve 1BB-006	Replacement	No	8/5/2008	8/6/2008
1770026-02	B	NV	NA	Valve 1NV-232	Replacement	No	7/1/2008	7/17/2008
1771689-06	B	KC	NA	Bolting for KC HX 1B	Replacement	No	5/27/2008	5/30/2008
1772503-01	B	NI	NA	NI Pump "1A" Oil Cooler Bolting	Replacement	No	9/18/2007	9/20/2007
1791045-05	B	NV	CD101639	NV Piping	Replacement	No	6/23/2008	7/16/2008
1811994-01	B	NV	NA	Bolting for 1NVFE5440	Replacement	No	6/23/2008	7/23/2008
1106655-58	NF	RN	CD500091	S/R 1-R-RN-0058	Replacement	No	8/18/2008	8/18/2008
1106656-47	NF	RN	CD500091	1-R-RN-3195 Pipe Clamp	Replacement	No	7/7/2008	7/30/2008
1106656-79	NF	RN	CD500091	S/R 1-R-RN-0070	Replacement	No	8/7/2008	8/7/2008
1110826-25	NF	RN	CD500091	S/R 1-R-RN-3312	New	No	8/11/2008	8/18/2008
1110843-25	NF	RN	CD100106	S/R 1-R-RN-617	Replacement	No	5/30/2007	7/3/2007
1110843-61	NF	RN	CD100106	U Bolt for 1-R-RN-0861	Replacement	No	5/30/2007	7/5/2007
1121776-08	NF	NV	18003/00	NV Piping	New	No	7/24/2007	7/31/2007
1122701-29	NF	NB	18003/00	NB Supports	Replacement	No	7/1/2008	7/29/2008
1122793-29	NF	NB	18003/00	S/R 1-R-NB-265/267/268	Replacement	No	8/5/2008	8/18/2008
1124553-34	NF	CF	CD100628	CF Supports	Replacement	No	7/1/2008	7/29/2008
1124553-38	NF	CA	CD100628	S/R 1-R-CA-1615/1706	Replacement	No	7/16/2008	7/29/2008
1130942-20	NF	RN	CD100106	S/R 1-R-RN-635	Replacement	No	6/12/2007	7/5/2007
1130942-21	NF	RN	CD100106	S/R 1-R-RN-642	Replacement	No	6/4/2007	7/5/2007
1703242-01	NF	KC	NA	S/R 1-R-KC-0811	Replacement	No	2/13/2007	2/14/2007
1723978-15	NF	RN	CD200411	S/R 1-R-RN-394	Replacement	No	10/23/2007	11/6/2007
1748158-57	NF	NI	CD101308	S/R 1-R-NI-360	Replacement	No	7/1/2008	7/22/2008
1748646-60	NF	RN	CD100417	S/R 1-R-RN-130/340/129	Replacement	No	7/23/2008	7/31/2008
1748646-69	NF	RN	CD100417	S/R 1-R-RN-338	Replacement	No	7/15/2008	8/1/2008
1762801-15	NF	NI	CD101308	S/R 1-R-NI-362	Replacement	No	8/5/2008	8/18/2008
1765966-33	NF	CF	CD100628	S/R 1-R-CF-1745/1778	Replacement	No	7/16/2008	7/29/2008
1766322-08	NF	NI	CD101136	S/R 1-R-NI-1061/1063	Replacement	No	8/5/2008	8/18/2008
1812000-01	NF	NI	NA	S/R 1-A-NI-4147	Replacement	No	6/3/2008	6/10/2008

1812001-01	NF	SM	NA	S/R 1-R-SM-1542	Replacement	No	5/31/2008	6/10/2008
1812175-01	NF	FW	NA	S/R 1-R-FW-0001	Replacement	No	6/5/2008	6/10/2008

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 COMPANY1a Date 7/29/08

Sheet 1 of 1

Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATION2a Unit 1 2 3 Shared (specify Units)Address 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power Company3a Work Order # 1722488-24Address 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/A3b NSM or MN # CD100708Expiration Date N/A4 Identification of System NC REACTOR COOLANT SYSTEMClass A

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 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	4" Pipe- SA376 4" 90 ell-SA403	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NC	126	1NC46-3, 10, 28, 29, 30	2008	Installed	Yes
C	Valve	Fisher	6306294	3919	Valve tag 1NC27	1979	Removed	Yes
D	Valve	Fisher	18059881	7543	Valve tag 1NV27	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INC27_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2252 psig Test Temp. 556.2 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

Signed *Paul D. Sutt* TECH SPEC II Date 7/29, 2008
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 4-9-08 to 7-29-08 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 Maslin
Inspector's Signature

Commissions NC978 INA

Date 7-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/18/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1722488-26

3b NSM or MN # CD100708

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 Replacements 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	Bolting	NA	NA	NA	Hex Nuts- SA194 for 1NC27 valve bonnet	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INC27 Valve Operator_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

9. Remarks _ Code Cases ___ NONE _ Pressure test completed on work order 1722488-24.

(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 [Signature] TECH SPEC II Date 8/18, 20 08
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 5-23-08 to 8-18-08 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.

[Signature] Commissions NC 1477 I N H
Inspector's Signature

Date 8-18, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 8/18/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1722491-29

3b NSM or MN # CD100708

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 Replacements 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	Bolting	NA	NA	NA	Hex Nuts- SA194 for valve 1NC29	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INC29 Valve Operator_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

9. Remarks _ Code Cases ___ NONE _ Pressure test completed on work order 1722491-34.

(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 [Signature] TECH SPEC II Date 8/18, 20 08
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 5-23-08 to 8-19-08 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.

[Signature] Commissions NC 1477 I N A
Inspector's Signature

Date 8-19, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 7/29/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1722491-34

3b NSM or MN # CD100708

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 Replacements 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	Pipe/Fittings	NA	NA	NA	4" Pipe- SA376 4" 90 ell- SA403	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NC	126	1NC44-3, 10, 23, 24, 25	2008	Installed	Yes
C	Valve	Fisher	6306296	3921	Valve tag 1NC29	1979	Removed	Yes
D	Valve	Fisher	18059882	7545	Valve tag 1NC29	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INC29__

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2252 psig Test Temp. 556.2 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

Signed *Paul L. Smith* TECH SPEC II Date 7/29, 20 08
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 4-9-08 to 7-29-08 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 Medill Commissions NC 978 I, NA
Inspector's Signature

Date 7-29, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/16/08

Sheet 1 of 1

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 Duke Power Company
Address 526 S. Church St. Charlotte, N.C. 28201-1006
Type Code Symbol Stamp N/A Authorization No. N/A
Expiration Date N/A

3a Work Order # 1763327-083b NSM or MN # CD1012994 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 Replacements 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	Pipe/Fittings	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NC	126	1NC50-9 1NC50-36	2008	Installed	Yes
C	Valve	Anderson Greenwood	128423	2314	Valve tag 1NC005	1994	Removed	Yes
D	Valve	Flowserve	58BKP	2089	Valve tag 1NC005	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2in. 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 Spectacle Flanges_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2252 psig Test Temp. 556.2 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

Signed *Paul S. Smith* TECH SPEC II Date 7/16, 20 08
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 2-25-08 to 7-26-08 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.

Kenneth W. Smith Commissions NC 1477 I N A
Inspector's Signature

Date 7-26, 20 08

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 COMPANYAddress 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATIONAddress 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power CompanyAddress 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/AExpiration Date N/A4 Identification of System NC REACTOR COOLANT SYSTEMClass A

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

1a Date 8/5/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)3a Work Order # 1763328-093b NSM or MN # CD101299

	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- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NC	126	1NC41-41 1NC41-47	2008	Installed	Yes
C	Valve	Anderson Greenwood	N200234	2364	Valve tag 1NC-95	1994	Removed	Yes
D	Valve	Flowserve	60-BKP	2087	Valve tag 1NC-95	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Spetacle Flanges Loop "B" _

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2252 psig Test Temp. 556.2 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

Signed *Paul D. Sott* TECH SPEC II Date 8/5, 2008
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 4-9-08 to 8-11-08 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.

Kenneth Orentlich Commissions NC 1477 ENB
Inspector's Signature

Date 8-11, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/15/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1763330-08

3b NSM or MN # CD101299

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 Replacements 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	Valve	Anderson Greenwood	128423	2314	Valve tag 1NC20	1994	Removed	Yes
B	Valve	Flowserve	61BKP	2089	Valve tag 1NC20	2008	Installed	Yes
C	Pipe Welds	Duke Energy	C-1NC	126	1NC73-11 1NC73-20	2008	Installed	Yes
D	Pipe/Fittings	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Spectable Flanges_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2252 psig Test Temp. 556.2 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

Signed Paul L. Smith TECH SPEC II Date 7/15, 20 08
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 2-25-08 to 7-29-08 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.

Kenneth A. Porter Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-29, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1771085-03

3b NSM or MN # NA

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 Replacements 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	Valve	Dresser	BS-2865	NA	Valve tag 1NC-001	1979	Removed	Yes
B	Valve	Dresser	BS-2867	NA	Valve tag 1NC-001	1979	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1NC-001_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2248 psig Test Temp. 557.1 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

Signed Paul S. Smith TECH SPEC II Date 8/5, 20 08
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 5-8-08 to 8-7-08 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.

Kenneth A. Smith Commissions NC 1471 I N A
Inspector's Signature

Date 8-7, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/16/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1771086-05

3b NSM or MN # NA

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 Replacements 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	Valve	Dresser	BS02866	NA	Valve tag 1NC-02	1972	Removed	Yes
B	Valve	Dresser	BS2869	NA	Valve tag 1NC-02	1980	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2248 psig Test Temp. 551.1 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

Signed [Signature] TECH SPEC II Date 7/16, 2008
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 5-8-08 to 7-29-08 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.

[Signature] Commissions NC 1477 Z, N, H
Inspector's Signature

Date 7-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1771088-05

3b NSM or MN # NA

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 Replacements 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	Valve	Dresser	BS-2868	NA	Valve tag INC-3	1979	Removed	Yes
B	Valve	Dresser	BS-2865	NA	Valve tag INC-3	1979	Installed	Yes
C	Bolting	NA	Na	NA	Rod- SA193 Hex Nuts- SA194	NA	Installed	No
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1NC-003_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2248 psig Test Temp. 557.1 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

Signed Paul S. Smith TECH SPEC II Date 8/5, 2008
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 6-15-08 to 8-18-08 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.

Kenneth A. DeWitt Commissions NC 1477 I N A
Inspector's Signature

Date 8-18, 2008

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

As Required By The Provisions Of The ASME Code Section XI

Sheet 1 of 2

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/15/08

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1787830-08

3b NSM or MN # CD101299

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 Replacements 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	Valve	Anderson Greenwood	N28417	2308	Valve tag 1NC106	1994	Removed	Yes
B	Valve	Flowserve	56BKP	2321	Valve tag 1NC106	2008	Installed	Yes
C	Pipe Welds	Duke Energy	C-1NC	126	1NC81-22 1NC81-29	2008	Installed	Yes
D	Pipe/Fittings	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
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
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

- 1a Date 7/15/08 Sheet 2 of 2
- 2a Unit 1 2 3 Shared (specify Units)
- 3a Work Order # 1787830-08
- 3b NSM or MN # CD101299

- 4 Identification of System NC REACTOR COOLANT 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 Replacements 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	Hex Nuts	NA	NA	NA	For S/R 1-R-WL-1463	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Spectacle Flanges_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2252 psig Test Temp. 556.2 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

Signed *Paul J. Seta* TECH SPEC II Date 7/15, 2008
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 2-25-08 to 7-26-08 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.

Kenneth O'Neil Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-26, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 6/23/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1809977-04

3b NSM or MN # NA

4 Identification of System NI SAFETY INJECTION 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 Replacements 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	Weld	Duke Energy	C-1NI	128	Bonnet to Body Seal Weld for Valve 1NI-19	2008	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Valve 1NI19_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 6/23, 20 08
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 5-7-08 to 7-16-08 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.

[Signature] Commissions NC 1477 INA
Inspector's Signature

Date 7-16, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 6/23/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1811290-02

3b NSM or MN # NA

4 Identification of System NI SAFETY INJECTION 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 Replacements 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	Seal Weld	Duke Energy	C-1NI	128	Bonnet to Body Seal Weld for valve 1NI352	2008	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Valve 1NI352_

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

Signed Paul L. Sutt TECH SPEC II Date 6/23, 20 08
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 5-19-08 to 7-17-08 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.

Herbert J. South Commissions NC 1477 I N A
Inspector's Signature

Date 7-17, 2008

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 7/30/08

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 Duke Power Company

3a Work Order # 1815746-03

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 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 Replacements 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	Conoseal	ABB	F1294008	NA	For Unit 1 Reactor Vessel	NA	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 RV Conoseal_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2244 psig Test Temp. 556.6 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

Signed Paul D. Smith TECH SPEC II Date 7/30, 2008
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 6-16-08 to 8-1-08 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 McGill
Inspector's Signature

Commissions NC 978 I, NA

Date 8-1, 2008

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

As Required By The Provisions Of The ASME Code Section XI

Sheet 1 of 1

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 2/18/08

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1027414-13

3b NSM or MN # NA

4 Identification of System NC REACTOR COOLANT 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 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	Hex Nuts- SA194 & Rod- SA193 for spare NC Pump Motor Cooler with	NA	Installed	No
B					S/N-939801-4.		-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Refurbish NC Pump/Motor _

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 2/18, 2008
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 1-7-08 to 2-25-08 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.

[Signature]
Inspector's Signature

Commissions NC 978 INA

Date 2-25, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 7/28/08

Sheet 1 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1124553-10

3b NSM or MN # CD100628

4 Identification of System CA AUXILIARY FEEDWATER 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 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" 90 ell- SA182 2" Pipe- SA312	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1CA	121	1CA109-84, 89 thru 95	2008	Installed	Yes
C							-	-
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 COMPANY1a Date 7/28/08

Sheet 2 of 2

Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATION2a Unit 1 2 3 Shared (specify Units)Address 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power Company3a Work Order # 1124553-10Address 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/A3b NSM or MN # CD100628Expiration Date N/A4 Identification of System CF MAIN FEEDWATER SYSTEMClass 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 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" 90 ell- SA105 2" Pipe- SA106 4" Pipe-SA106 4" 90 ell- SA234	NA	Installed	No
B					2" Tee- SA105 2"x3/4" Red Ins. - SA105		-	-
C	Pipe	Duke Energy	C-1CF	120	1CF30-29 thru 38 40 thru 49 1CF31-21 thru 32 1CF29-33	2008	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 CA/CF Piping_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1088 psig Test Temp. 429 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

Signed Paul D. Sutt TECH SPEC II Date 7/28, 20 08
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 4-7-08 to 7-29-08 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.

Kenneth Orentlich Commissions NC 1477 I, N, A,
Inspector's Signature

Date 1 29, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/01/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1704208-01

3b NSM or MN # CE101645B

4 Identification of System

Class B

BB STEAM GERATOR BLOWDOWN 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 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	Pipe/Fittings	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1BB	111	1BB120-41 thru 43	2008	Installed	Yes
C	Valve	Anderson Greenwood	N29036	2366	Valve tag 1BB16	1994	Removed	Yes
D	Valve	Flowserve	64BKP	2095	Valve tag 1BB16	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1BB16_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1063 psig Test Temp. 534.6 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

Signed [Signature] TECH SPEC II Date 7/1, 2008
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 5-9-08 to 7-17-08 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.

[Signature] Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-17, 2008

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 COMPANYAddress 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATIONAddress 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power CompanyAddress 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/AExpiration Date N/A

4 Identification of System

BB STEAM GERATOR BLOWDOWN 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 1998 Addenda 2000

6. Identification of Components Repaired or Replacement Components

1a Date 6/23/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)3a Work Order # 1704211-023b NSM or MN # CE101645BClass B

	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	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1BB	111	Welds 1BB135-26 1BB135-27 1BB135-28	2008	Installed	Yes
C	Valve	Anderson Greenwood	N29035	2365	Valve tag 1BB155	1994	Removed	Yes
D	Valve	Flowserve	62BKP	2093	Valve tag 1BB155	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1BB155_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1063 psig Test Temp. 534.9 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

Signed Paul L. Stib TECH SPEC II Date 6/23, 2008
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 5-9-08 to 7-23-08 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.

Kenneth Denton Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-23, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 1/23/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1709899-01

3b NSM or MN # NA

4 Identification of System
NV CNEMICAL VOLUME CONTROL 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 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	Bonnet Bolt	NA	NA	NA	Hex Bolt for 1NV-171	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Bonnet Bolt for 1NV-171.

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 1/23, 20 08
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 1-9-08 to 1-24-08 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.

[Signature]
Inspector's Signature

Commissions NC 978 IMA

Date 1-24, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 1/23/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1709900-01

3b NSM or MN # NA

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 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	Bonnet Bolt	NA	NA	NA	Hex Bolt for 1NV-160	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Bonnet Bolt for 1NV-160.

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 1/23, 2008
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 1-9-08 to 1-29-08 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.

[Signature]
Inspector's Signature

Commissions NC 978 I, NA

Date 1-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 2/05/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1709902-01

3b NSM or MN # NA

4 Identification of System
NV CNEMICAL VOLUME CONTROL 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 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	Bonnet Bolt	NA	NA	NA	Hex Bolt for valve 1NV-156	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INV-156 Bonnet Bolt

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L. Saha TECH SPEC II Date 2/5, 2008
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 1-23-08 to 2-6-08 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 McMill Commissions NC 978
Inspector's Signature

Date 2-6, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 3/28/07

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1709903-01

3b NSM or MN # NA

4 Identification of System
NV CNEMICAL VOLUME CONTROL 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 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	Bonnet Bolt	NA	NA	NA	Hex Screw- SA564 for valve tag INV-471	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 B6 Grade Bonnet Bolt for INV-471_

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

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

Signed [Signature] TECH SPEC Date 3/20, 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 3-7-07 to 3-28-07 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.

[Signature] Commissions NC 978 A, N, I
Inspector's Signature

Date 3-28, 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 POWER COMPANYAddress 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATIONAddress 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power CompanyAddress 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/AExpiration Date N/A

4 Identification of System

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 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	Bonnet Bolt	NA	NA	NA	Hex Bolt for valve 1NV-491	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

1a Date 2/05/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)3a Work Order # 1709906-013b NSM or MN # NAClass B

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INV-491 Bonnet Bolt_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed *Paul L. Smith* TECH SPEC II Date 2/5, 2008
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 1-23-08 to 2-6-08 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 McNeil Commissions NC 978 IN,A
Inspector's Signature

Date 2-6, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/01/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1713403-02

3b NSM or MN # NA

4 Identification of System
NV CNEMICAL VOLUME CONTROL 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 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	TH-41668	1943	Valve tag 1NV151	1989	Removed	Yes
B	Valve	Dresser	TJ17825	1992	Valve tag 1NV151	1992	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1NV-151

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 360 psig Test Temp. 99.3 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

Signed [Signature] TECH SPEC II Date 7/1, 2008
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 5-14-08 to 7-17-08 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.

[Signature] Commissions NC 1477 INA
Inspector's Signature

Date 7-17, 2008

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 1/23/08

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 Duke Power Company

3a Work Order # 1713948-01

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 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	Bonnet Bolt	NA	NA	NA	Hex Bolt for 1NV-170	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Bonnet Bolt for INV-170.

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul D. Smith TECH SPEC II Date 1/23, 2008 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 1-11-08 to 1-29-08 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 Robert M. Sullivan Commissions NR 978 INA

Date 1-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

Sheet 1 of 1

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/16/08

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1720069-01

3b NSM or MN # CE101645

4 Identification of System
BB STEAM GERATOR BLOWDOWN 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 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- SA376 2" 90 ell- SA182	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1BB	111	1BB76-45, 62 thru 65	2008	Installed	Yes
C	Valve	Anderson Greenwood	N29038	2368	Valve tag 1BB002	1994	Removed	Yes
D	Valve	Flowserve	59BKP	2090	Valve tag 1BB002	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1BB002_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1075 psig Test Temp. 532.8 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

Signed *Paul D. Smith* TECH SPEC II Date 7/16, 2008
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 1-29-08 to 7-26-08 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.

Kenneth A. Smith Commissions NC 1477 Kcp 1477 I.N.A.
Inspector's Signature 7-26-08

Date 7-26, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

1a Date 7/01/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)

3a Work Order # 1720070-01

3b NSM or MN # CE101645

- 4 Identification of System
 BB STEAM GERATOR BLOWDOWN 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 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- SA376 2" 90 & 45 ell- SA182	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1BB	111	1BB76-26 1BB76-31 1BB76-58 thru 61	2008	Installed	Yes
C	Valve	Anderson Greenwood	N29040	2370	Valve tag 1BB153	1994	Removed	Yes
D	Valve	Flowserve	57BKP	2088	Valve tag 1BB153	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1BB153__

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1075 psig Test Temp. 532.8 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

Signed *Paul D. SAA* TECH SPEC II Date 7/1, 2008
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 1-29-08 to 7-21-08 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.

Kenneth Wentworth Commissions NC 1477 T, N, A
Inspector's Signature

Date 7-21, 2008

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 6/23/08

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 Duke Power Company

3a Work Order # 1730565-01

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 CA AUXILIARY FEEDWATER 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 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	Weld	Duke Energy	C-1CA	121	Bonnet to Body Seal Weld for Valve 1CA190	2008	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Valve 1CA190_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L. Smith TECH SPEC II Date 6/23, 2008
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 2-19-07 to 7-16-08 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 1477 INA

Date 7-16, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
 2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
 3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

1a Date 5/30/07

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)

3a Work Order # 1733958-02

3b NSM or MN # NA

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 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	Bonnet Bolts	NA	NA	NA	Hex Bolt - SA564 for Valve 1NV-176	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INV-176 Bonnet Bolts_

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

Signed *Paul L. Smith* TECH SPEC Date 5/30, 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 5-8-07 to 6-26-07 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 McMill
Inspector's Signature

Commissions NC 978 INA

Date 6-26, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006
 2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745

1a Date 8/5/08

Sheet 1 of 1

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

2a Unit 1 2 3 Shared (specify Units)

3a Work Order # 1735562-01

3b NSM or MN # CE101636

4 Identification of System SM MAIN STEAM 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 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	Yarway	26910	737	Valve tag 1SM-19	1978	Removed	Yes
B	Valve	Flowserve	E371A-44-4	2422	Valve tag 1SM-19	2000	Installed	Yes
C	Pipe Weld	Duke Energy	C-1SM	122	1SM55-30	2008	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1SM-19_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1070 psig Test Temp. 556.2 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

Signed *Paul D. Smith* TECH SPEC II Date 8/5, 2008
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 1-29-08 to 8-12-08 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.

Kenneth Quint Commissions NC 1477 I N A
Inspector's Signature

Date 8-12, 2008

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 COMPANYAddress 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATIONAddress 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power CompanyAddress 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/AExpiration Date N/A

4 Identification of System

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 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	Pipe/Fittings	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NV	127	1NV641-8 thru 10	2008	Installed	Yes
C	Valve	Anchor Darling	E1581-51-4	697	Valve tag 1NV325	1986	Removed	Yes
D	Valve	Velan	72010-4	NA	Valve tag 1NV325	2007	Installed	Yes
E							-	-
F							-	-

1a Date 7/01/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)3a Work Order # 1736990-013b NSM or MN # CE101049Class B

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INV325__

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2366 psig Test Temp. 95.2 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

Signed [Signature] TECH SPEC II Date 7/1, 2008
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 HSBI AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12-12-07 to 7-17-08 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.

[Signature] Commissions NC 1477 I N A
Inspector's Signature

Date 7-17, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

- 1a Date 8/5/08 Sheet 1 of 1
- 2a Unit 1 2 3 Shared (specify Units)
- 3a Work Order # 1748158-35
- 3b NSM or MN # CD101308

- 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 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	18" Pipe- SA312 18" Pipe Cap- SA403	NA	Installed	No
B	Welds	Duke Energy	C-1NI	128	1492-NI.00-97-25, 26, 31, 32, 33, 34	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Accumulator for INI-185A

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 0 psig Test Temp. 55 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

Signed *Paul D. Smith* TECH SPEC II Date 8/5, 2008
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 2-18-08 to 8-12-08 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.

Kenneth Paul Commissions NC 1477 I, N, A
Inspector's Signature

Date 8-12, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/7/08

Sheet 1 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 01755870-12

3b NSM or MN # CD100646

4 Identification of System
BB STEAM GERATOR BLOWDOWN 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 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	Kerotest	FS3-14	11109	1BB17	1976	Removed	Yes
B	Valve	Flowserve	44BHW	1840	1BB17	2007	Installed	Yes
C	Pipe Weld	Duke Energy	C-1BB	111	1BB120-44 thru 51, 1BB79-41	2008	Installed	Yes
D	Pipe/Fittings	NA	NA	NA	2" pipe, SA376,TP304,sch 80, 2" SW Tee, SA-182,F304,3000#,	NA	Installed	No
E					Red. Ins. 2"X1/2", 3000#, SA182,F304 1/2" pipe, SA376,TP304,sch.80	NA	Installed	No
F					2" 90ell SW, SA182,F304,3000#, 1/2" 90ell SW, SA182,F304	NA	Installed	No

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

As Required By The Provisions Of The ASME Code Section XI

2 ^{Case} 7/7/08
Sheet 1 of 2

1. Owner DUKE POWER COMPANY
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/7/08

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 Duke Power Company
Address 526 S. Church St. Charlotte, N.C. 28201-1006
Type Code Symbol Stamp N/A Authorization No. N/A
Expiration Date N/A

3a Work Order # 01755870-12

3b NSM or MN # CD100646

4 Identification of System NM NUCLEAR SAMPLING 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 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 Weld	Duke Energy	NA	124	1NM85-42 thru 46	2008	Installed	Yes
B	Pipe/Fittings	NA	NA	NA	1/2" Pipe, SA376,TP304,sch.160, 1/2" 90° SA182,F304 SW, 3000#	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Re-route and replacement of 1BB17_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1063 psig Test Temp. 534.6 deg.F.

9. Remarks _ Code Cases __NONE_
_Pressure test performed under work order task 1755870-12

(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 [Signature] TECH SPEC II Date 7/7, 20 08
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 1-30-08 to 7-28-08 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.

[Signature] Commissions NC 1477 I, II, III
Inspector's Signature

Date 7-28, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 8/12/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1762801-20

3b NSM or MN # CD101308

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 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	18" Pipe- SA312 18" Pipe Cap- SA403	NA	Installed	No
B	Welds	Duke Energy	C-1NI	128	1492-NI.00-96-28, 29, 33 thru 40	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Accumulator for 1NI-184B

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 0 psig Test Temp. 55 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

Signed Paul L. Seta TECH SPEC II Date 8/5, 20 08
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 2-18-08 to 8-12-08 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.

Francis A. ... Commissions NC 1477 IMA
Inspector's Signature

Date 8-12, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/16/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1765966-27

3b NSM or MN # CD100628

4 Identification of System CF MAIN FEEDWATER 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 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- SA106 2" 90 ell- SA105	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1CF	120	1CF25-68 thru 81	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 _____

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1148 psig Test Temp. 429 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

Signed *Paul L. Smith* TECH SPEC II Date 7/16, 20 08
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 4-7-08 to 7-26-08 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.

Kenneth A. Smith Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-26, 20 08

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 6/11/08

Sheet 1 of 1

Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATION2a Unit 1 2 3 Shared (specify Units)Address 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power Company

3a Work Order # 1766314-08

Address 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/A

3b NSM or MN # CD100870

Expiration Date N/A4 Identification of System NI SAFETY INJECTION SYSTEMClass 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 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	1 1/2" Pipe-SA376, 1 1/2" Coupling-SA182	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NI	128	1NI244-10 thru 17, 1NI190-34 thru 41, 1NI184-31 thru 38, 1NI182-31 thru 38	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Pressure Breakdown Orifices_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 2070 psig Test Temp. 84.6 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

Signed *Paul D. S. O'Brien* TECH SPEC II Date 6/12, 2008
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 1-29-08 to 7-16-08 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.

Kenneth A. DeWitt Commissions NC 1477 INA
Inspector's Signature

Date 7-16, 2008

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 COMPANYAddress 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATIONAddress 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power CompanyAddress 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/AExpiration Date N/A4 Identification of System NS CONTAINMENT SPRAY SYSTEMClass 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

1a Date 6/23/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)3a Work Order # 1766930-013b NSM or MN # CE101401

	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	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NS	118	Welds 1NS27-25 1NS27-41	2008	Installed	Yes
C	Valve	Kerotest	RT6-16	18870	Valve tag 1NS36	1977	Removed	Yes
D	Valve	BNL	A071001-1-5	NA	Valve tag 1NS36	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1NS36_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

9. Remarks _ Code Cases _ NONE _ Valve 1NS36 is located in a section of Duke Class B piping that is exempt from the ISI program. Reference CN-ISI-1563-1.0. _____

(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 Paul L. Smith TECH SPEC II Date 6/23, 2008
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 HSBI AND I Company of Connecticut have inspected the components described in this Owners Report during the period 4-22-08 to 7-17-08 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.

Herewith A. D. Smith Commissions NC 1477 T N A
Inspector's Signature

Date 7-17-08, 2008

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 COMPANY1a Date 6/23/08

Sheet 1 of 1

Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATION2a Unit 1 2 3 Shared (specify Units)Address 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power Company3a Work Order # 1766949-01Address 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/A3b NSM or MN # CE101401Expiration Date N/A4 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 Replacements 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	Pipe	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NS	118	Welds 1NS27-34 1NS27-43	2008	Installed	Yes
C	Valve	Kerotest	RT6-3	29058	Valve tag 1NS45	1980	Removed	Yes
D	Valve	BNL	A050808-49-1	NA	Valve tag 1NS45	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INS45_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

9. Remarks _ Code Cases _ NONE_ Valve INS45 is located in a section of Duke Class B piping that is exempt from the ISI program. Reference CN-ISI-1563-1.0.

(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 [Signature] TECH SPEC II Date 6/23, 2008
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 1-24-08 to 7-21-08 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.

[Signature] Commissions 1477 I, N, A
Inspector's Signature

Date 7-21, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 6/23/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1766950-01

3b NSM or MN # CE101401

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 Replacements 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	Pipe	NA	NA	NA	2" Pipe-SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NS	118	1NS29-30 1NS29-50	2008	Installed	Yes
C	Valve	Kerotest	RTG-14	18868	Valve tag 1NS-61	1977	Removed	Yes
D	Valve	BNL	A050808-49-2	NA	Valve tag 1NS-61	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INS-61_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

9. Remarks _ Code Cases _ NONE _ Valve INS61 is located in a section of Duke Class B piping that is exempt from ISI Program. Reference CN-L3-1563-1.0

(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 Paul L. Smith TECH SPEC II Date 6/23, 2008
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 1-24-08 to 7-17-08 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.

Kenneth A. Denton Commissions NC 1477 F, N, 14
Inspector's Signature

Date 7-14, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 6/23/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1766951-01

3b NSM or MN # CE101401

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 Replacements 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	Pipe	NA	NA	NA	2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NS	118	Welds 1NS29-38 1NS29-52	2008	Installed	Yes
C	Valve	Kerotest	RT6-13	18867	Valve tag 1NS64	1977	Removed	Yes
D	Valve	BNL	A071001-1-4	NA	Valve tag 1NS64	2008	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INS64_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

9. Remarks _ Code Cases _ NONE _ Valve INS64 is located in a section of Duke Class B piping that is exempt from the ISI program. Reference CN-ISI-1563-1.0. _____

(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 *Paul L Smith* TECH SPEC II Date 6/23, 2008
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 1-24-08 to 7-22-08 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.

Kenneth Wentzel Commissions NC 1477 I N A
Inspector's Signature

Date 7-22, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/30/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1768839-09

3b NSM or MN # CD100672

4 Identification of System
BB STEAM GERATOR BLOWDOWN 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 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" Tee- SA182 2"x1/2" Insert- SA182	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1BB	111	1BB123-77, 78, 79	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 BB Piping

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1068 psig Test Temp. 542.4 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

Signed *Paul D. STA* TECH SPEC II Date 7/30, 2008
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 1-30-08 to 7-31-08 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.

Kenneth A. ... Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-31, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1768840-09

3b NSM or MN # CD100673

4 Identification of System

Class B

BB STEAM GERATOR BLOWDOWN 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 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	Pipe/Fittings	NA	NA	NA	2" Tee- SA182 2"x1/2" Red Ins.- SA182	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1BB	111	1BB102-52, 53, 54	2008	Installed	Yes
C	Valve	Kerotest	FS10-14	11036	Valve tag 1BB-006	1976	Removed	Yes
D	Valve	Flowserve	43BHW	1839	Valve tag 1BB-006	2007	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1BB-006_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 1068 psig Test Temp. 507 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

Signed Paul L. Smith TECH SPEC II Date 8/5, 20 08
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 HSBI AND I Company of Connecticut have inspected the components described in this Owners Report during the period 1-30-08 to 8-6-08 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.

Kenneth Whitely Commissions NC 1477 I, N, A
Inspector's Signature

Date 8-6, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/01/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1770026-02

3b NSM or MN # NA

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 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	Valve	Dresser	TE-3781	578	Valve tag 1NV232	1978	Removed	Yes
B	Valve	Dresser	TJ32684	1957	Valve tag 1NV232	1992	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INV-232_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 38.6 psig Test Temp. 100.3 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

Signed *Paul L. StH* TECH SPEC II Date 7/1, 2008
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 5-22-08 to 7-17-08 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.

Kenneth A. Burt Commissions NB-12410 NC 1477 INA
Inspector's Signature

Date 7-17, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 5/27/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1771689-06

3b NSM or MN # NA

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 Replacements 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	Bolting	NA	NA	NA	Rod- SA193, Hex Nuts- SA194 for Component Cooling HX 1B	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Perform Maintenance on KC HX 1B_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. Nominal Operating Pressure deg.F. Other Exempt

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

Signed [Signature] TECH SPEC II Date 5/27, 20 08
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 5-22-08 to 5-30-08 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.

[Signature] Commissions NC 978 I, NA
Inspector's Signature

Date 5-30, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 9/18/07

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1772503-01

3b NSM or MN # NA

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 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 Safety Injection Pump 1A Bearing Oil Cooler	NA	Installed	No
B					End Cover,		-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 I/R NI Pump Oil Cooler Cover.

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 9/18, 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 9-5-07 to 9-20-07 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.

[Signature] Commissions NC 978, N/A
Inspector's Signature

Date 9-20, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 5/31/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1791045-05

3b NSM or MN # CD101639

4 Identification of System
NV CNEMICAL VOLUME CONTROL 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 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	NA	NA	NA	3" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy	C-1NV	127	1NV21-13, 14 1NV194-38, 39	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Flush Connection For NV Letdown Line_

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 360 psig Test Temp. 267.8 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

Signed *Paul D. Smith* TECH SPEC II Date 6/23/, 2008
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 3-17-08 to 7-16-08 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.

Herbert A. Smith Commissions NC 1477 I N A
Inspector's Signature

Date 7-16, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

1a Date 6/23/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)

3a Work Order # 1811994-01

3b NSM or MN # NA

- 4 Identification of System
 NV CNEMICAL VOLUME CONTROL 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 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 Threaded - SA193 Hex Nut- SA194 for 1NVFE5440	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 INVFE5440 Bolting_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 6/23, 20 08
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 5-22-08 to 7-23-08 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.

[Signature] Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-23, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/18/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1106655-58

3b NSM or MN # CD500091

4 Identification of System
RN NUCLEAR SERVICE WATER 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 Replacements 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	Bracket	NA	NA	NA	For S/R 1-R-RN-0058	NA	Installed	No
B	Weld	Duke Energy	C-1RN	117	1-R-RN-0058-1	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 S/R 1-R-RN-0058__

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

Signed *Paul D. Smith* TECH SPEC II Date 5/18, 20 08
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 2-25-08 to 8-18-08 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.

Harrold B. Smith Commissions NC 1477 EIA
Inspector's Signature

Date 8-18, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 7/7/08

Sheet 1 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 01106656-47

3b NSM or MN # CD500091

4 Identification of System
RN NUCLEAR SERVICE WATER 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 Replacements 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	3" pipe clamp	NA	NA	NA	1-R-RN-3195	NA	Removed	No
B	3" pipe clamp	NA	NA	NA	1-R-RN-3195	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Re-route and replacement of 1BB17_

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

Signed [Signature] TECH SPEC II Date 7/7/, 2008
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 6-1-08 to 7-30-08 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.

[Signature] Commissions NC 1477 I, IV, A
Inspector's Signature

Date 7-30, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY

Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

2. Plant CATAWBA NUCLEAR STATION

Address 4800 CONCORD RD. YORK, S.C. 29745

3. Work Performed By Duke Power Company

Address 526 S. Church St. Charlotte, N.C. 28201-1006

Type Code Symbol Stamp N/A Authorization No. N/A

Expiration Date N/A

4 Identification of System

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 1998 Addenda 2000

6. Identification of Components Repaired or Replacement Components

1a Date 8/7/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)

3a Work Order # 1106656-79

3b NSM or MN # CD500091

Class NF

	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	Bracket	NA	NA	NA	For S/R 1-R-RN-0070	NA	Installed	No
B	Weld	C-1RN	117	NA	1-R-RN-0070-1, 3, 4	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Modify S/R 1-R-RN-0070_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 8/7, 20 08

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 5-6-08 to 8-7-08 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.

[Signature] Commissions NC 1477 I N A

Inspector's Signature

Date 8-7, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/11/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1110826-25

3b NSM or MN # CD500091

4 Identification of System
RN NUCLEAR SERVICE WATER 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 Replacements 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, Hex Nuts,	NA	NA	NA	For S/R 1-R-RN-3312	NA	Installed	No
B	Strut	Anvil	41-83768	NA	For S/R 1-R-RN-3312	2008	Installed	Yes
C	Welds	Duke Energy	C-1RN	117	1-R-RN-3312-1, 2, 3	2008	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 S/R 1-R-RN-3312_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 8/11, 2008
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 12-27-08 to 8-18-08 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.

[Signature] Commissions N.C. I, N, A
Inspector's Signature

Date 8-18, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 5/30/07

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1110843-25

3b NSM or MN # CD100106

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 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	Lug, Hex Nut, Rod, Turnbuckle	NA	NA	NA	For S/R 1-R-RN-617	NA	Installed	No
B	Eye Nut, Clamp, Clevis w/Pin						-	-
C	Weld	Duke Energy	C-1RN	117	Weld #1-R-RN-617-1	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Modify S/R 1-R-RN-617_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L Stb TECH SPEC Date 5/30, 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 12/14/06 to 7/3/07 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 1477 INA

Date 7/3, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
 2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
 3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

1a Date 5/30/07

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)

3a Work Order # 1110843-61

3b NSM or MN # CD100106

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 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	NA	NA	NA	For S/R 1-R-RN-0861	NA	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 S/R 1-R-RN-861_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed *Paul L. Smith* TECH SPEC Date 5/30, 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 HSBI AND I Company of Connecticut have inspected the components described in this Owners Report during the period 7/5/07 to 7/5/07 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.

Kenneth Butler Commissions NC 1477INA
 Inspector's Signature

Date 7/5, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/24/07

Sheet 1 of

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1121776-08

3b NSM or MN # NSM18003/00

4 Identification of System
NV CNEMICAL VOLUME CONTROL 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 Replacements 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	Spring Cam	Anvil	41-44931	NA	S/R 1-A-NV-8596	2000	Installed	Yes
B	Weld	Duke Energy	C-1NV	127	1-A-NV-8596-1, 2	2007	Installed	Yes
C	Spring Cam	Grinnell	H8892	NA	S/R 1-A-NV-8592	1982	Removed	Yes
D	Spring Cam	Anvil	72674	NA	S/R 1-A-NV-8592	2006	Installed	Yes
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
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/24/07

Sheet 2 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1121776-083b NSM or MN # NSM18003/00

4 Identification of System

Class C

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 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	Pipe/Fittings	NA	NA	NA	2" Pipe-SA312, 2" Tee-SA182, 2" 90/45 Ell-SA182, 3' Tee-SA403	NA	Installed	No
B					3"x2" Red-SA403		-	-
C	Pipe Welds	Duke Energy	C-1NV	127	1492-NV.00-279-1 thru 26 1NV606-20, 21 1NV645-25, 26	2007	Installed	Yes
D	Valve	Flowserve	E371A-51-1	2506	Valve tag 1NVA43	2000	Installed	Yes
E	Valve	Flowserve	89BDZ	1545	Valve tag 1NVA44	2005	Installed	Yes
F	Valve	BNL Ind.	A981103-9-167	NA	Valve tag 1NVA45	2005	Installed	Yes

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 NV Piping._

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Exempt
Pressure 102 psig Test Temp. Ambient 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

Signed *Paul D. Smith* TECH SPEC II Date 7/24, 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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 4-17-06 to 7-31-07 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 McNeil
Inspector's Signature

Commissions NC978 TNA

Date 7-31, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/01/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1122701-29

3b NSM or MN # NSM18003/00

4 Identification of System NB BORON RECYCLE 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 Replacements 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 & Hex Nut	NA	NA	NA	For S/R 1-R-NB-0275 1-R-NB-0273 1-R-NB-0270 1-R-NB-0271	NA	Installed	No
B	Clamp, Eye Nut, Beam Attach.	NA	NA	NA	For S/R 1-R-NB-0274	NA	Installed	No
C	Hex Nut, Rod						-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 NB System Supports

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 7/1, 2008
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 3-5-08 to 7-29-08 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.

[Signature] Commissions NC 1477
Inspector's Signature

Date 7-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 1 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1122793-29

3b NSM or MN # NSM18003/00

4 Identification of System NB BORON RECYCLE SYSTEMClass NF

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 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 Clamp, Eyebut, Rod,	NA	NA	NA	For S/R 1-R-NB-265	NA	Installed	No
B	Turn buckle, Hex Nut						-	-
C	Welds	Duke Energy	C-1NB	121	1-R-NB-265-1, 2	2008	Installed	Yes
D	Pipe Clamp, Hex Nut	NA	NA	NA	For S/R 1-R-NB-267 & 1-R-NB-268	NA	Installed	No
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
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 2 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1122793-29

3b NSM or MN # NSM18003/00

4 Identification of System NB BORON RECYCLE 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 Replacements 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	Pipe Clamp, Eyenut, Rod,	NA	NA	NA	For S/R 1-R-NB-266	NA	Installed	No
B	Hex Nut						-	-
C	Welds	Duke Energy	C-1NB	121	1-R-NB-266-1, 2, 3	2008	Installed	Yes
D	Sway Strut	Anvil	41-77756	NA	1-R-NB-266	2007	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 NB Supports

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L. Smith TECH SPEC II Date 8/5, 20 08
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 4-7-08 to 8-18-08 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.

Kenneth A. Dutton Commissions NC 1477 I, N, A
Inspector's Signature

Date 8-18, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 7/01/08

Sheet 1 of 82 ²²⁵ 7/1/08

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1124553-34

3b NSM or MN # CD100628

4 Identification of System CF MAIN 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 Replacements 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	Clamp, rear bracket, pivot	NA	NA	NA	For S/R 1-R-CF-1783	NA	Installed	No
B	Snubber	Liseqa	30500419/005	NA	For S/R 1-R-CF-1783	NA	Installed	Yes
C	Weld	Duke Energy	C-1CF	120	1-R-CF-1783-1 1-R-CF-1805-1	2008	Installed	Yes
D	Clamp, Pivot, Rear Bracket	NA	NA	NA	For S/R 1-R-CF-1805	NA	Installed	No
E	Snubber	PSA	41752	NA	For S/R 1-R-CF-1805	2000	Installed	Yes
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 COMPANYAddress 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATIONAddress 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power CompanyAddress 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/AExpiration Date N/A4 Identification of System CF MAIN FEEDWATER SYSTEMClass NF

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

1a Date 7/01/08

Sheet 2 of 2

2a Unit 1 2 3 Shared (specify Units)3a Work Order # 1124553-343b NSM or MN # CD100628

	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	Clamp, rear bracket	NA	NA	NA	For S/R 1-R-CF-1785	NA	Installed	No
B	Snubber	PSA	42139	NA	For S/R 1-R-CF-1785	NA	Installed	Yes
C	Weld	Duke Energy	C-1CF	120	1-R-CF-1785-1 1-R-CF-1588-1 1-R-CF-1588-2 1-R-CF-1784-1	2008	Installed	Yes
D	Pivot, Rear Bracket, Clamp	NA	NA	NA	For S/R 1-R-CF-1784	NA	Installed	No
E	Snubber	Lisega	30500419/10	NA	For S/R 1-R-CF-1784	2008	Installed	Yes
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Modify CF Supports

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed *Paul D. Sita* TECH SPEC II Date 7/1, 2008
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 3-11-08 to 7-29-08 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.

Kenneth R. Smith Commissions NC 1477 T, N, A
Inspector's Signature

Date 7-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 7/16/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1124553-38

3b NSM or MN # CD100628

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 Replacements 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	Weld	Duke Energy	C-1CA	121	1-R-CA-1615-1 1-R-CA-1706-1	2008	Installed	Yes
B	Bracket, Clamp	NA	NA	NA	For S/R 1-R-CA-1706	NA	Installed	No
C	Snubber	PSA	43022	NA	S/R 1-R-CA-1706	2006	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Reinstall Support 1-R-CA-1615 & 1-R-CA-1706_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure deg.F. Other Exempt

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

Signed [Signature] TECH SPEC II Date 7/16, 20 08
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 3-11-08 to 7-29-08 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.

[Signature] Commissions NC 1477 I N A
Inspector's Signature

Date 7-29, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 6/12/07

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1130942-20

3b NSM or MN # CD100106

4 Identification of System
RN NUCLEAR SERVICE WATER 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 Replacements 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	Lug, Hex Nuts, Rod, Turnbuckle	NA	NA	NA	For S/R 1-R-RN-635	NA	Installed	No
B	Eye Nut, Pipe Clamp, Clevis						-	-
C	Weld	Duke Energy	C-1RN	117	1-R-RN-635-1	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 S/R 1-R-RN-635_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L. Smith TECH SPEC Date 6/12, 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 12/14/07 to 7/5/07 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.

Kenneth Smith Commissions 7/5/07
Inspector's Signature

Date 7/5, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 6/04/07

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1130942-21

3b NSM or MN # CD100106

4 Identification of System
RN NUCLEAR SERVICE WATER 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 Replacements 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	Lug, Clevis w/Pin Eyenut, Hex Nuts	NA	NA	NA	For S/R 1-R-RN-642	NA	Installed	No
B	Weld	Duke Energy	C-1RN	117	Weld #1-R-RN-642-1	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Modify S/R I-R-RN-642_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed *Paul D. STA* TECH SPEC Date 6/4, 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 12/14/07 to 12/14/07 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.

Kenneth R. Outt Commissions NC 1477 TNA
Inspector's Signature

Date 7/5, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 2/13/07

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1703242-01

3b NSM or MN # NA

4 Identification of System KC COMPONENT COOLING 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 Replacements 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	Snubber	PSA	14323	NA	1-R-KC-0811	1982	Removed	Yes
B	Snubber	Lisega	4616353/26	NA	1-R-KC-0811	NA	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 I-R-KC-0811_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L. S. A. TECH SPEC Date 2/13, 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 NC and employed by HSBIANDI Company of Connecticut have inspected the components described in this Owners Report during the period 2-6-07 to 2-14-07 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 McGill Commissions NC978
Inspector's Signature

Date 2-14, 2007

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 10/23/07

Sheet 1 of 1

Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-10062. Plant CATAWBA NUCLEAR STATION2a Unit 1 2 3 Shared (specify Units)Address 4800 CONCORD RD. YORK, S.C. 297453. Work Performed By Duke Power Company

3a Work Order # 1723978-15

Address 526 S. Church St. Charlotte, N.C. 28201-1006Type Code Symbol Stamp N/A Authorization No. N/A

3b NSM or MN # CD200411

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 Replacements 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	Snubber	Anvil	19947	NA	S/R 1-R-RN-394	1981	Removed	Yes
B	Snubber	Lisega	30700115-001	NA	S/R 1-R-RN-394	NA	Installed	Yes
C	Snubber	Anvil	6687	NA	S/R 1-R-RN-394	1978	Removed	Yes
D	Snubber	Lisega	30700061/005	NA	S/R 1-R-RN-394	NA	Installed	Yes
E	Bracket, Extension	NA	NA	NA	For S/R 1-R-RN-394	NA	Installed	No
F	Welds	Duke Energy Corp.	C-1RN	117	1-R-RN-394-14, 16, 17, 19	2007	Installed	Yes

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 S/R 1-R-RN-394_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul L. Smith TECH SPEC II Date 10/23/2007

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 NC and employed by HSB I AND I Company of Connecticut have inspected the components described in this Owners Report during the period 6/26/07 to 11/4/07 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.

Kenneth DeWitt Inspector's Signature

Commissions NC 1477 AIN

Date 7/1/07, 2007

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/01/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1748158-57

3b NSM or MN # CD101308

4 Identification of System NI SAFETY INJECTION 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 Replacements 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	TubeSteel	NA	NA	NA	For S/R 1-R-NI-0360	NA	Installed	No
B	Welds	Duke Energy	C-1NI	128	1-R-NI-0360-1 1-R-NI-0360-2	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Fabricate S/R I-R-NI-0360_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed *Paul L. Soto* TECH SPEC II Date 7/1, 2008
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 2-13-08 to 7-22-08 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.

Herminio Quintana Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-22, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/23/08

Sheet 1 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1748646-60

3b NSM or MN # CD100417

4 Identification of System
RN NUCLEAR SERVICE WATER 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 Replacements 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, Flat Bar	NA	NA	NA	For S/R 1-R-RN-0130	NA	Installed	No
B	Snubber	PSI	11096	NA	For S/R 1-R-RN-0130	1980	Removed	Yes
C	Snubber	Lisega	01615123/105	NA	For S/R 1-R-RN-0130	2007	Installed	Yes
D	Snubber	PSI	11042	NA	For S/R 1-R-RN-0130	1980	Removed	Yes
E	Snubber	Lisega	01615123/065	NA	For S/R 1-R-RN-0130	2007	Installed	Yes
F	Welds	Duke Energy	C-1RN	117	1-R-RN-0130-2, 4, 11 thru 14	2008	Installed	Yes

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/23/08

Sheet 2 of 2

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1748646-60

3b NSM or MN # CD100417

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 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	NA	NA	NA	For S/R 1-R-RN-0340	NA	Installed	No
B	Welds	Duke Energy	C-1RN	117	1-R-RN-0340-1, 2 1-R-RN-0129-1, 5, 7, 8	2008	Installed	Yes
C	TubeSteel	NA	NA	NA	For S/R 1-R-RN-0129	NA	Installed	No
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Modify RN Supports_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul D Smith TECH SPEC II Date 7/23, 20 08
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 2-18-08 to 7-31-08 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.

Kenneth Plattit Commissions NC 1477 I, N, A
Inspector's Signature

Date 7-31, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 7/15/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1748646-69

3b NSM or MN # CD100417

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 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	Flat Bar, Clevis, Tubesteel, Plate	NA	NA	NA	For S/R 1-R-RN-0338	NA	Installed	No
B	Hex Nuts,						-	-
C	Weld	Duke Energy	C-1RN	117	1-R-RN338-3 1-R-RN-338-4	2008	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Reinstall Support 1-R-RN-338_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. Nominal Operating Pressure deg.F. Other Exempt

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

Signed *Paula L. Smith* TECH SPEC II Date 7/15, 2008
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 6-5-08 to 8-1-08 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.

Kenneth Abert Commissions NC 1477 I N A
Inspector's Signature

Date 8-1, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1762801-15

3b NSM or MN # CD101308

4 Identification of System NI SAFETY INJECTION 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 Replacements 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	Angle	NA	NA	NA	For Support 1-R-NI-362	NA	Installed	No
B	Weld	Duke Energy	C-1NI	128	1-R-NI-362-1, 2, 3, 4	2008	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 NI Supports. _

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed *Paul J. Sutt* TECH SPEC II Date 8/5, 2008
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 2-18-08 to 8-18-08 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.

Kenneth DeWitt Commissions NC 1478 I, N, A
Inspector's Signature

Date 8-18, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006
 2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745
 3. Work Performed By Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

1a Date 7/16/08 Sheet 1 of 1
 2a Unit 1 2 3 Shared (specify Units)
 3a Work Order # 1765966-33
 3b NSM or MN # CD100628

4 Identification of System CF MAIN 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 Replacements 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	Clamp, Bolts	NA	NA	NA	For S/R 1-R-CF-1778	NA	Installed	No
B	Snubber	PSA	42139	NA	For S/R 1-R-CF-1778	2002	Installed	Yes
C	Weld	Duke Energy	C-1CF	120	1-R-CF-1778-2 1-R-CF-1745-1	2008	Installed	Yes
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Support 1-R-CF-1778 & 1-R-CF 1745

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 7/16, 2008
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 7-11-08 to 7-28-08 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.

[Signature] Commissions NC 1477 T, N, A
Inspector's Signature

Date 7-29, 2008

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 8/5/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1766322-08

3b NSM or MN # CD101136

4 Identification of System NI SAFETY INJECTION 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 Replacements 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	Weld	Duke Energy	C-1NI	128	1-R-NI-1061-3, 1-R-NI-1063-3,4	2008	Installed	Yes
B	Clamp, Hex Bolt, Hex Nut	Na	NA	NA	For S/R 1-R-NI-1063	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 Modify NI Supports_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed [Signature] TECH SPEC II Date 8/5, 20 08
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 2-13-08 to 7-18-08 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.

[Signature] Commissions NC 1477 I N A
Inspector's Signature

Date 8-18, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006

1a Date 6/03/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1812000-01

3b NSM or MN # NA

4 Identification of System NI SAFETY INJECTION 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 Replacements 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	Snubber	PSA	11188	NA	For 1-A-NI-4147	1981	Removed	Yes
B	Snubber	Lisega	3040002/08	NA	For 1-A-NI-4147	NA	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1-R-SM-1542__

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. deg.F. Nominal Operating Pressure Other Exempt

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

Signed Paul D Smith TECH SPEC II Date 5/31, 20 08
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 5-20-08 to 6-10-08 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 Hill Commissions NC978 I,NA
Inspector's Signature

Date 6-10-, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 5/31/08

Sheet 1 of 1

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 Duke Power Company
 Address 526 S. Church St. Charlotte, N.C. 28201-1006
 Type Code Symbol Stamp N/A Authorization No. N/A
 Expiration Date N/A

3a Work Order # 1812001-01

3b NSM or MN # NA

4 Identification of System SM MAIN STEAM 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 Replacements 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	Snubber	PSA	3466	NA	For 1-R-SM-1542	1978	Removed	Yes
B	Snubber	PSA	41403	NA	For 1-R-SM-1542	2000	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 1-R-SM-1542_

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

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

Signed Paul D Smith TECH SPEC II Date 5/31, 20 08
 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 5-20-08 to 6-10-08 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. Gill Commissions NC97B INA
 Inspector's Signature

Date 6-10, 20 08

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
 Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006
 2. Plant CATAWBA NUCLEAR STATION
 Address 4800 CONCORD RD. YORK, S.C. 29745

1a Date 6/05/08

Sheet 1 of 1

2a Unit 1 2 3 Shared (specify Units)

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

3a Work Order # 1812175-01

3b NSM or MN # NA

4 Identification of System FW REFUELING WATER 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 Replacements 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	Snubber	PSA	4384	NA	For 1-R-FW-0001	1978	Removed	Yes
B	Snubber	Lisega	30700524/01 7	NA	For 1-R-FW-0001	NA	Installed	Yes
C	Snubber	PSA	4350	NA	For 1-R-FW-0001	1978	Removed	Yes
D	Snubber	Lisega	30700524/00 5	NA	For 1-R-FW-0001	NA	Installed	Yes
E							-	-
F							-	-

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items 1 through 6 on this 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 S/R 1-R-FW-0001_

8. Test Conducted: Hydrostatic Pressure psig Pneumatic Test Temp. Nominal Operating Pressure deg.F. Other Exempt

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

Signed [Signature] TECH SPEC II Date 6/5, 20 08

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 5-21-08 to 6-10-08 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.

[Signature] Inspector's Signature

Commissions NC 978 INA

Date 6-10, 20 08

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-16 through refueling outage EOC-17. 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)	3

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	System Leakage Test (IWB-5220)	2	2	100%
C-H	System Leakage Test (IWC-5220)	32	32	100%

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 EOC17.

Table 6-3 Detailed Class 1 Listing			
Zone Number	Boundary Dwg	EOC17 Completion Status	EOC17 VT-2 Examination Date
1NC-001L-A	CN-ISIL3-1553-1.0	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1553-1.1	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1554-1.0	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1554-1.5	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1561-1.0	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1561-1.1	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1562-1.0	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1562-1.1	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1562-1.2	Complete	15-Jun-08
1NC-001L-A	CN-ISIL3-1562-1.3	Complete	15-Jun-08

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.

Table 6-4 Detailed Class 2 - 1st Period Listing				
	Zone Number	Boundary Dwg	Completion Status	VT-2 Examination 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 EOC17	01-Aug-07
		CN-ISIL3-1561-1.1	Completed in EOC17	01-Aug-07
		CN-ISIL3-1562-1.2	Completed in EOC17	01-Aug-07
		CN-ISIL3-1562-1.3	Completed in EOC17	06-May-08
		CN-ISIL3-1563-1.0	Completed in EOC17	01-Aug-07
		CN-ISIL3-1571-1.0	Completed in EOC17	01-Aug-07
		CN-ISIL3-1572-1.0	Completed in EOC17	01-Aug-07

Table 6-4 Detailed Class 2 - 1st Period Listing

	Zone Number	Boundary Dwg	Completion Status	VT-2 Examination 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
		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
		CN-ISIL3-1554-1.1	Completed in EOC16	29-Aug-06
		CN-ISIL3-1554-1.2	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

Table 6-4 Detailed Class 2 - 1st Period Listing

	Zone Number	Boundary Dwg	Completion Status	VT-2 Examination Date
30	1NV-008L-B	CN-ISIL3-1554-1.0 CN-ISIL3-1554-1.2	Completed in EOC16 Completed in EOC16	28-Dec-06 28-Dec-06
31	1RN-005L-C	CN-ISIL3-1569-1.0	Completed in EOC17	22-Jan-07
32	1SA-001L-B	CN-ISIL3-1593-1.1	Completed in EOC17	07-Feb-07

Section 6 Prepared By:	Date:
<i>Jim Baughman</i>	<i>7-16-08</i>

Section 6 Reviewed By:	Date:
<i>R. G. Hudson</i>	<i>7-22-08</i>

Attachment 2

Catawba Unit 1 End of Cycle 17 Steam Generator In-service
Inspection Summary Report

Steam Generator Outage Summary Report

Catawba Unit 1 2008 Outage EOC 17

Location: 4800 Concord Road, York South Carolina 29745

NRC Docket No. 50-413

National Board No. 130

Commercial Service Date: June 29, 1985

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

Revision 0

Prepared By: *C. B. Cantor* Date: *9-4-08*

Reviewed By: *DBM Mays* Date: *9/4/2008*

Approved By: *P. W. Runing* Date: *9/4/08*

Copy No. *1*

Assigned To: *NRC*

Controlled: *X*

Uncontrolled: _____

Controlled Distribution

<u>Copy No.</u>	<u>Assigned To</u>
Original	Catawba Nuclear Station Document Control Master File CN-208.21
1	NRC Document Control

Uncontrolled Distribution

2	Hartford Steam Boiler Inspection and Insurance Co. (AIA)
Electronic	Steam Generator Desktop

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

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St., Charlotte, NC 28201-1006
(Name and Address of Owner)
2. Plant: Catawba Nuclear Station, 4800 Concord Road, York, S. C. 29745
(Name and Address of Plant)
3. Plant Unit: 1
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: June 29, 1985
6. National Board Number for Unit 130
7. Components Inspected:

<u>Component</u>	<u>Manufacturer</u>	<u>Manufacturer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Steam Generator 1A	BWI	770101	N/A	151
Steam Generator 1B	BWI	769304	N/A	150
Steam Generator 1C	BWI	769302	N/A	147
Steam Generator 1D	BWI	769303	N/A	149

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8¹/₂ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates December 30, 2006 to June 21, 2008

9. Inspection Period Identification: First

10. Inspection Interval Identification: Third

11. Applicable Edition of Section XI 1998 Addenda 2000

12. Date/Revision of Inspection Plan: June 27, 2005/Rev 0; Per CNS Technical Specification

13. Abstract of Examinations and Test. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference attached report.

14. Abstract of Results of Examination and Tests. Reference attached report.

15. Abstract of Corrective Measures. Reference attached report.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date 9/4/08 Signed Duke Energy Corp. By J.W. Peuning
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of NC employed by *The Hartford Steam Boiler Inspection & Insurance Company of Connecticut have inspected the components described in this Owners' Report during the period 12-30-06 to 06-21-08, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this 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 McMill ^{**} Commissions NC978 I NA
Inspector's Signature National Board, State, Province, and Endorsements

Date 9/8 20 08

^{**} by Kenneth Admitt NC1477 I NA per telephone conversation 9-8-08

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut
200 Ashford Center North
Suite 205
Atlanta, GA. 30338

Catawba 1 EOC17 Steam Generator Tube Inspection Report

Pursuant to ASME Section XI and Catawba technical specification 5.6.8 the following information is provided:

a. **The scope of inspection performed on each SG**

Baseline inspection scope shall include full length data acquisition and bobbin coil analysis for all four (4) steam generators as follows. ECT data from all active coils shall be recorded full length.

- 1) *All tubes with previous indications.*
- 2) *Tubes surrounding plugged tubes, two tubes deep around the periphery*
- 3) *50% sample of the remaining inservice tubes with tuned bobbin and array probe with all coils active full length.*

Note: There were 3,803 tubes inspected with bobbin in the A SG, 3,826 in the B SG, 3,806 in the C SG, and 3,812 in the D SG.

Special interest inspection scope shall include data acquisition and array data analysis as follows:

- 1) *Locations where bobbin coil indications are observed that require further characterization.*
- 2) *Four S/G's 20% random top of tubesheet.*
- 3) *Array data for proximity monitoring.*
- 4) *Analysis of all loose parts detected by visual inspection during EOC15.*
- 5) *Analysis of one tube around all ECT possible loose parts (PLP) and secondary side visual loose parts.*

Plug inspection scope shall be as follows:

- 1) *Visual inspection of all plugs.*

b. **Active degradation mechanisms found**

Active degradation found in all four (4) steam generators include wear at support structures and wear from loose objects.

c. **Non-destructive examination techniques utilized for each degradation mechanism**

Bobbin was used to detect wear at support structures. Bobbin and array were used to detect wear from loose objects.

d. **Location, orientation (if linear), and measured sizes (if available) of serviced induced indications**

The complete listing for service induced indications is attached.

- e. Number of tubes plugged during the inspection outage for each active degradation mechanism**

Twenty three tubes (10 in SG C and 13 in SG D) were preventively plugged for loose objects.

- f. The total number and percentage of tubes plugged to date**

<i>Steam Generator</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>Total</i>
<i>Prior to EOC17</i>	<i>8</i>	<i>0</i>	<i>14</i>	<i>4</i>	<i>26</i>
<i>EOC17</i>	<i>0</i>	<i>0</i>	<i>10</i>	<i>13</i>	<i>23</i>
<i>Total</i>	<i>8</i>	<i>0</i>	<i>24</i>	<i>17</i>	<i>49</i>
<i>% Plugged</i>	<i>0.12</i>	<i>0.00</i>	<i>0.36</i>	<i>0.26</i>	<i>0.18</i>

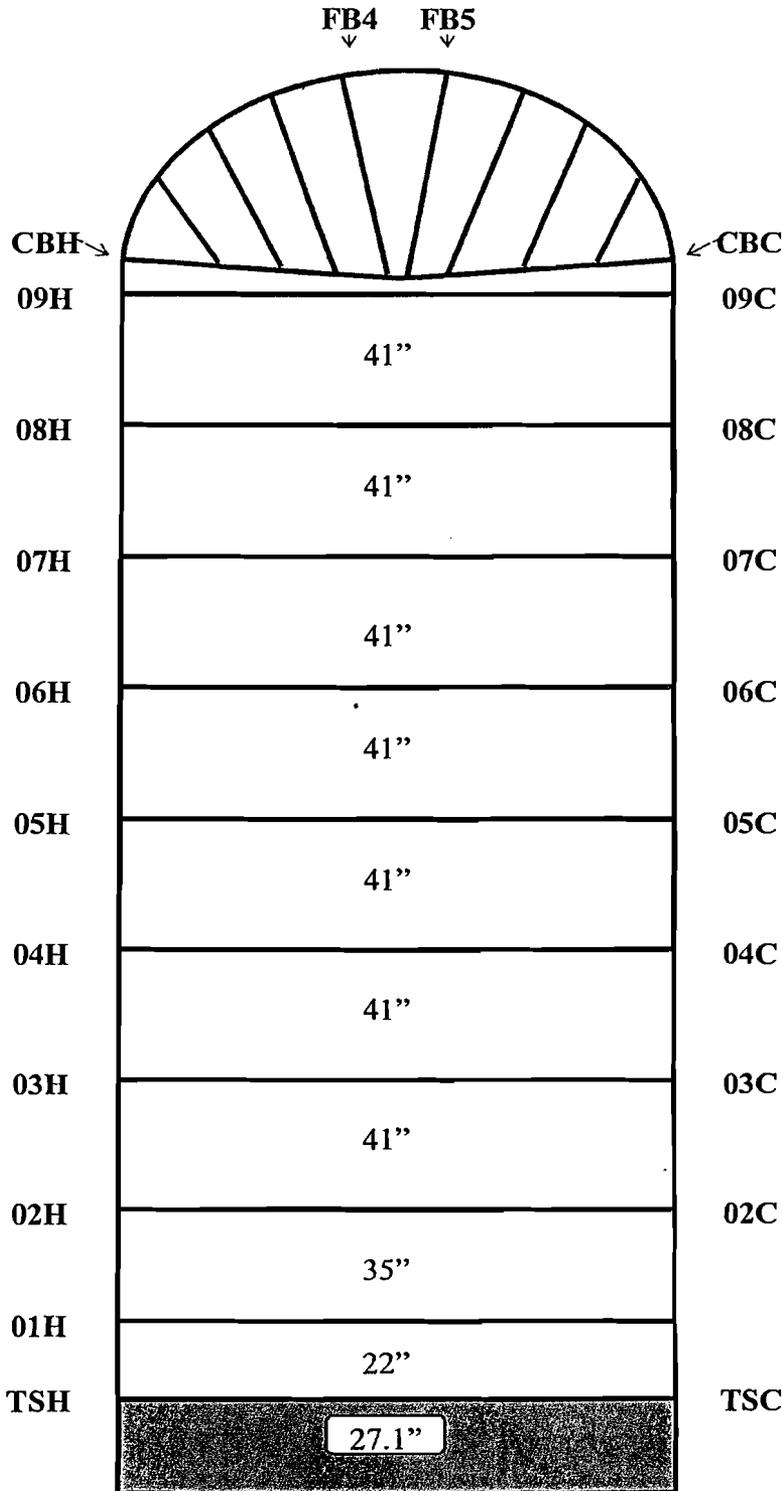
- g. The results of the condition monitoring, including the results of tube pulls and in-situ pressure testing**

Condition Monitoring and Operational Assessments were performed for the Catawba Nuclear Station unit 1 EOC 17 data in accordance with industry standards. The observed tubing degradation at EOC 17 was wear scars at tube support locations and a few instances of shallow wear believed to be from foreign objects. The maximum observed NDE degradation depth at EOC 17 was 29% TW wear at a fan bar location. The present state of degradation of Catawba Unit 1 steam generator tubing does not challenge structural and leakage integrity requirements. No in-situ pressure tests or tube pulls were performed.

- h. The effective plugging percentage for all plugging in each SG**

The effective plugging percentage for each of the Catawba unit 1 steam generators is identical to those shown in section (f) above.

Additional Information to assist with locations within the SG's.



CFR 80	
Tube Information:	
No. of Tubes	6633
Material:	Inconel 690
Nominal Dia.:	0.688"
Nominal Wall:	0.040"
Row 1 Radius:	3.973"
Straight Length:	31.9'/32.7'
Tube Pitch:	.930"
Tube Support Information	
Type:	Lattice
Material	410 Stainless
Thickness:	
High:	3.150"
Med.:	2.562"
Low:	1.000"
Connector Bar	
Material:	410 Stainless
Fan Bars	
Material:	410 Stainless
Thickness	0.110"
Width	1.25"

Catawba - Unit One Replacement Outage Typical Tubesheet Layout

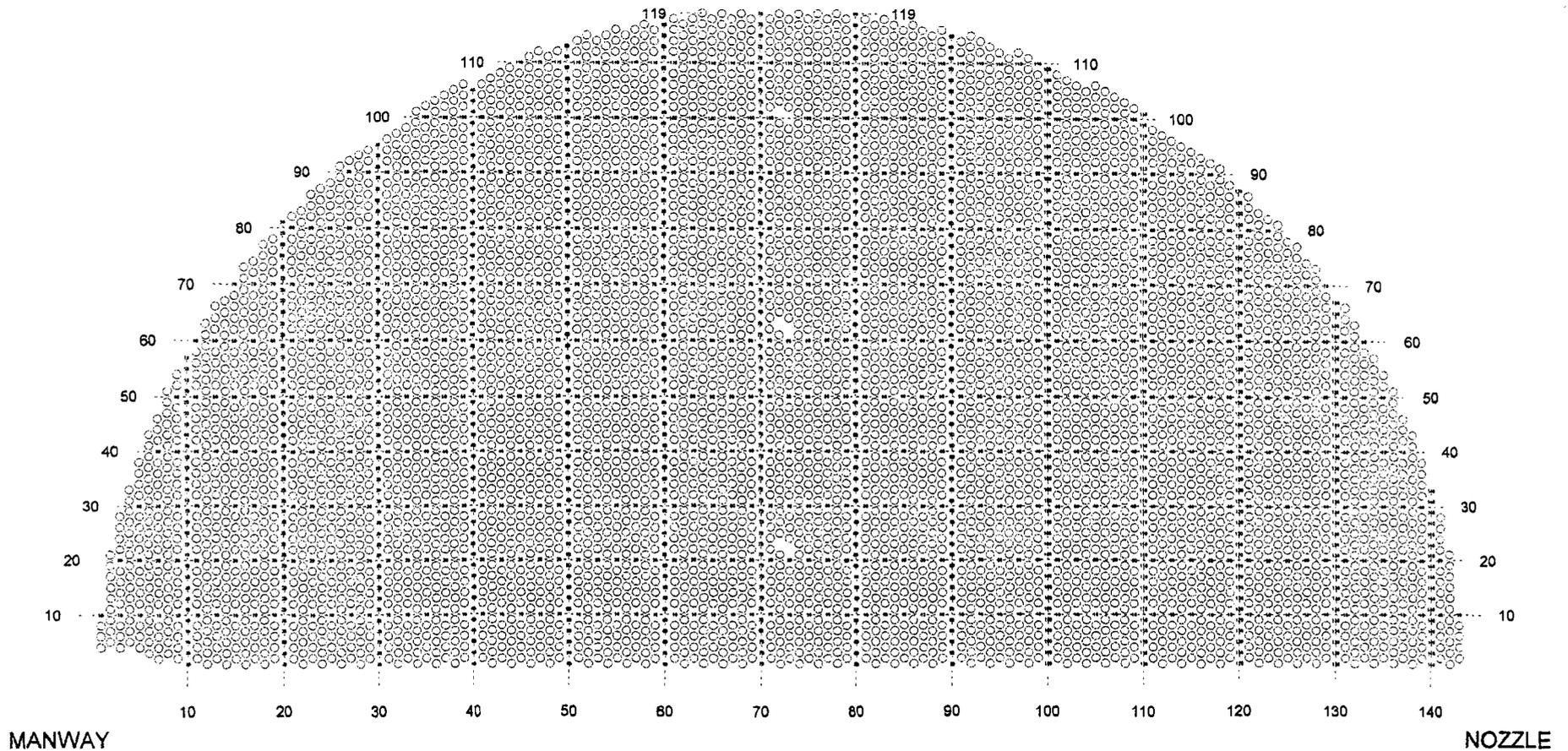
AREVA - FDMS map module Version 5.0

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 6633
SELECTED TUBES: 0
OUT OF SERVICE (#): NA

SCALE: 0.074705 X
Thu Sep 04 09:51:32 2008

Page 9 of 16



These codes are used in the following list of service indications and are provided to assist in reviewing the data.

<u>Code</u>	<u>Description</u>
LAR	Lead Analyst Review
NQI	Non-Quantifiable Indication
TWD	Through Wall Depth
VOL	Volumetric Indication
WAR	Wear

Steam Generator A Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
49	82	0.20	95	P2	TWD	11	FB2	+0.75	TEC	TEH	WAR			549	HOT	560UL
51	78	0.44	68	Q8	VOL		01H	-1.73	01H	01H	WAR			813	HOT	560XP
		0.25	133	P1	NQI		01H	-1.66	TEC	TEH				551	HOT	560UL
		0.20	93	P2	TWD	9	01H	-1.63	TEC	TEH			LAR	551	HOT	560UL
61	70	0.18	72	P2	TWD	10	FB4	+0.71	TEC	TEH	WAR			565	HOT	560UL
77	82	0.26	86	P2	TWD	11	FB5	-0.63	TEC	TEH	WAR			30	HOT	560UL
81	80	0.27		P2	TWD	14	FB7	-0.71	TEC	TEH	WAR			18	HOT	560UL
88	81	0.28		P2	TWD	15	FB5	-1.68	TEC	TEH	WAR			18	HOT	560UL
		0.17	159	Q15	VOL		FB5	-1.77	FB5	FB5	WAR			811	HOT	560XP
89	78	0.34		P2	TWD	17	FB5	-0.63	TEC	TEH	WAR			18	HOT	560UL
89	80	0.37		P2	TWD	18	FB5	-1.05	TEC	TEH	WAR			18	HOT	560UL
90	81	0.30	154	Q15	VOL		FB5	-0.90	FB5	FB5	WAR			811	HOT	560XP
		0.28		P2	TWD	12	FB5	-1.64	TEC	TEH	WAR			20	HOT	560UL
91	80	0.45		P2	TWD	17	FB6	+1.52	TEC	TEH	WAR			20	HOT	560UL
91	84	0.39		P2	TWD	19	FB4	-0.63	TEC	TEH	WAR			18	HOT	560UL
92	79	0.34		P2	TWD	17	FB4	-0.66	TEC	TEH	WAR			18	HOT	560UL
94	81	0.27		P2	TWD	11	FB5	+1.72	TEC	TEH	WAR			20	HOT	560UL
95	88	0.30		P2	TWD	16	FB4	-0.66	TEC	TEH	WAR			18	HOT	560UL
96	109	0.16	105	P2	TWD	8	FB5	+1.53	TEC	TEH	WAR			6	HOT	560XB
100	85	0.67	38	Q7	VOL		FB4	+1.36	FB4	FB4	WAR			811	HOT	560XP
		0.48		P2	TWD	18	FB4	+1.26	TEC	TEH	WAR			20	HOT	560UL
101	78	0.34		P2	TWD	17	FB4	-1.56	TEC	TEH	WAR			18	HOT	560UL
102	83	0.24	130	Q15	VOL		FB6	-1.25	FB6	FB6	WAR			811	HOT	560XP
		0.54	31	Q7	VOL		FB5	+0.90	FB5	FB5	WAR			811	HOT	560XP
		0.36		P2	TWD	14	FB6	-1.61	TEC	TEH	WAR			20	HOT	560UL
		0.39		P2	TWD	15	FB5	+0.69	TEC	TEH	WAR			20	HOT	560UL
103	78	0.40		P2	TWD	16	FB5	-0.83	TEC	TEH	WAR			20	HOT	560UL
108	93	0.22	106	P2	TWD	10	FB5	+1.67	TEC	TEH	WAR			16	HOT	560XB
		0.32	72	Q15	VOL		FB5	+1.70	FB5	FB5	WAR			15	HOT	560XP

Total Tubes : 20
 Total Records: 29

Steam Generator B Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
10	11	0.57	153	166	VOL		TSH	+0.35	TSH	TEH				29	HOT	560XP
		0.34	59	Q15	TWD	6	TSH	+0.17	01H	TEH		LAR		29	HOT	560XP
46	89	0.51	120	70	VOL		FB5	+1.52	FB5	FB5	WAR			825	HOT	560XP
		0.16	98	P2	TWD	9	FB5	+1.51	TEC	TEH	WAR			561	HOT	560UL
66	73	0.30	91	P2	TWD	10	FB5	+0.68	TEC	TEH	WAR			521	HOT	560UL
69	70	0.44	83	P2	TWD	11	FB4	+1.64	TEC	TEH	WAR			30	HOT	560XB
72	19	0.44	84	50	VOL		TSH	+0.16	01H	TEH				7	HOT	560XP
		0.30	140	122	VOL		TSH	+0.03	01H	TEH				7	HOT	560XP
		0.44	34	Q7	TWD	10	TSH	+0.00	01H	TEH		LAR		7	HOT	560XP
		0.27	57	Q4	TWD	6	TSH	+0.13	01H	TEH		LAR		7	HOT	560XP
73	18	0.52	159	126	VOL		TSH	+0.24	01H	TEH				7	HOT	560XP
		0.28	35	Q7	TWD	7	TSH	+0.00	01H	TEH		LAR		7	HOT	560XP
74	83	0.31	105	P2	TWD	10	FB4	+1.26	TEC	TEH	WAR			527	HOT	560UL
75	18	0.53	26	174	VOL		TSH	+0.05	01H	TEH				5	HOT	560XP
		0.41	88	Q8	TWD	8	TSH	+0.11	01H	TEH		LAR		5	HOT	560XP
82	75	0.30	96	P2	TWD	10	FB4	-1.12	TEC	TEH	WAR			521	HOT	560UL
82	83	0.27	76	P2	TWD	9	FB4	+1.20	TEC	TEH	WAR			527	HOT	560UL
86	83	0.45	77	P2	TWD	14	FB5	+1.29	TEC	TEH	WAR			527	HOT	560UL
		0.28	83	P2	TWD	9	FB4	+1.17	TEC	TEH	WAR			527	HOT	560UL
89	60	0.27	93	P2	TWD	10	FB6	-1.18	TEC	TEH	WAR			26	HOT	560XB
		0.33	105	P2	TWD	12	FB5	-1.18	TEC	TEH	WAR			26	HOT	560XB
		0.32	106	Q11	VOL		FB5	-0.88	FB5	FB5	WAR			25	HOT	560XP
		0.37	117	Q11	VOL		FB6	-0.91	FB6	FB6	WAR	LAR		25	HOT	560XP
91	70	0.41	54	Q3	VOL		FB4	+1.01	FB4	FB4	WAR			29	HOT	560XP
		0.66	57	Q3	VOL		FB6	+1.26	FB6	FB6	WAR			29	HOT	560XP
		0.48	67	P2	TWD	11	FB6	+1.23	TEC	TEH	WAR			30	HOT	560XB
		0.21	75	P2	TWD	6	FB4	+0.96	TEC	TEH	WAR			30	HOT	560XB
95	64	0.27	118	P2	TWD	10	FB5	-1.12	TEC	TEH	WAR			26	HOT	560XB
95	76	0.66	74	Q13	VOL		FB6	-1.01	FB6	FB6	WAR			825	HOT	560XP
		0.22	114	P2	TWD	11	FB6	-1.20	TEC	TEH	WAR			565	HOT	560UL
97	70	1.13	89	Q11	VOL		FB5	-1.04	FB5	FB5	WAR			29	HOT	560XP
		0.83	68	Q11	VOL		FB6	-1.07	FB6	FB6	WAR			29	HOT	560XP
		0.23	78	P2	TWD	6	FB8	+1.92	TEC	TEH	WAR			30	HOT	560XB
		0.43	82	P2	TWD	10	FB6	-1.18	TEC	TEH	WAR			30	HOT	560XB
		0.90	81	P2	TWD	19	FB5	-1.18	TEC	TEH	WAR			30	HOT	560XB
		0.21	84	P2	TWD	5	FB6	+1.20	TEC	TEH	WAR			30	HOT	560XB
		0.24	96	P2	TWD	6	FB5	+1.20	TEC	TEH	WAR			30	HOT	560XB
98	83	0.45	75	P2	TWD	14	FB5	+1.15	TEC	TEH	WAR			527	HOT	560UL
99	62	0.31	0	P2	TWD	11	FB5	+1.13	TEC	TEH	WAR			28	HOT	560XB
		0.32	86	Q6	VOL		FB5	+1.27	FB5	FB5	WAR			27	HOT	560XP
103	70	0.45	79	P2	TWD	11	FB4	-1.15	TEC	TEH	WAR			30	HOT	560XB
106	103	0.17	115	130	VOL		TSH	+6.89	01H	TEH				807	HOT	560XP
		0.20	111	Q6	TWD	4	TSH	+6.89	01H	TEH		LAR		807	HOT	560XP
117	70	0.51	112	Q11	VOL		FB5	-0.74	FB5	FB5	WAR			29	HOT	560XP
		0.32	88	P2	TWD	8	FB5	-0.58	TEC	TEH	WAR			30	HOT	560XB

Total Tubes : 21
 Total Records: 45

Steam Generator C Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
1	70	0.28	297	158	VOL		TSC	+1.26	01C	TEC				801	COLD	560XP
		0.26	89	Q9	TWD	7	TSC	+1.14	01C	TEC		LAR		801	COLD	560XP
		0.20	39	Q7	TWD	5	TSC	+1.26	01C	TEC		LAR		801	COLD	560XP
2	67	0.36	89	146	VOL		TSC	+1.46	01C	TEC				801	COLD	560XP
		0.23	51	Q16	TWD	6	TSC	+1.46	01C	TEC		LAR		801	COLD	560XP
3	66	0.32	148	182	VOL		TSC	+1.64	01C	TEC				801	COLD	560XP
		0.12	117	Q9	TWD	3	TSC	+1.64	01C	TEC		LAR		801	COLD	560XP
51	64	0.83	40	Q10	VOL		FB3	+1.43	FB3	FB3	WAR			827	HOT	560XP
		0.32	101	P2	TWD	2	FB3	+1.54	TEC	TEH	WAR			525	HOT	560UL
63	44	0.17	83	P2	TWD	2	FB4	-1.77	TEC	TEH	WAR			529	HOT	560UL
66	61	0.43	66	Q3	VOL		FB5	+1.44	FB5	FB5	WAR			827	HOT	560XP
		0.34	95	P2	TWD	11	FB5	+1.45	TEC	TEH	WAR			501	HOT	560UL
69	78	0.41	76	Q16	VOL		FB5	-0.87	FB5	FB5	WAR			21	HOT	560XP
		0.34	109	P2	TWD	11	FB5	-1.38	TEC	TEH	WAR			22	HOT	560XB
72	61	0.42		P2	TWD	13	FB5	+1.27	TEC	TEH	WAR			501	HOT	560UL
73	62	0.28		P2	TWD	9	FB6	-0.62	TEC	TEH	WAR			501	HOT	560UL
74	65	0.29		P2	TWD	9	FB4	+0.68	TEC	TEH	WAR			501	HOT	560UL
		0.50		P2	TWD	15	FB5	+1.68	TEC	TEH	WAR			501	HOT	560UL
		0.29		P2	TWD	9	FB6	-1.59	TEC	TEH	WAR			501	HOT	560UL
74	87	0.42	86	P2	TWD	14	FB4	-1.38	TEC	TEH	WAR			22	HOT	560XB
74	97	0.45		P2	TWD	10	FB5	-1.21	TEC	TEH	WAR			32	HOT	560XB
75	60	0.43	98	P2	TWD	13	FB4	-1.01	TEC	TEH	WAR			501	HOT	560UL
		0.27	119	P2	TWD	8	FB6	-1.12	TEC	TEH	WAR			501	HOT	560UL
75	62	0.53	95	P2	TWD	19	FB4	-1.15	TEC	TEH	WAR			503	HOT	560UL
75	76	0.53	96	P2	TWD	20	FB5	+1.21	TEC	TEH	WAR			24	HOT	560XB
76	59	0.28		P2	TWD	9	FB6	-1.74	TEC	TEH	WAR			501	HOT	560UL
76	61	0.44		P2	TWD	13	FB5	+1.30	TEC	TEH	WAR			501	HOT	560UL
77	68	0.33		P2	TWD	10	FB6	-0.65	TEC	TEH	WAR			501	HOT	560UL
79	52	1.17	72	Q3	VOL		FB3	-2.07	FB3	FB3	LAR			827	HOT	560XP
		0.77	113	P1	NQI		FB3	-1.97	TEC	TEH				503	HOT	560UL
		0.44	78	P2	TWD	17	FB3	-1.97	TEC	TEH		LAR		503	HOT	560UL
79	60	0.35	119	P2	TWD	11	FB4	-1.15	TEC	TEH	WAR			501	HOT	560UL
79	62	0.26		P2	TWD	8	FB5	+0.56	TEC	TEH	WAR			501	HOT	560UL
		0.65	92	P2	TWD	19	FB4	-1.24	TEC	TEH	WAR			501	HOT	560UL
79	66	0.17		P2	TWD	7	FB8	+0.77	TEC	TEH	WAR			503	HOT	560UL
79	80	0.33		P2	TWD	11	FB4	+0.66	TEC	TEH	WAR			22	HOT	560XB
79	86	0.37	88	P2	TWD	12	FB5	-1.16	TEC	TEH	WAR			22	HOT	560XB
		0.27	96	P2	TWD	9	FB6	-1.05	TEC	TEH	WAR			22	HOT	560XB
80	51	0.50	74	Q10	VOL		FB3	-2.22	FB3	FB3	LAR			827	HOT	560XP
		0.21	139	P1	NQI		FB3	-2.24	TEC	TEH				505	HOT	560UL
		0.18	102	P2	TWD	6	FB3	-2.24	TEC	TEH		LAR		505	HOT	560UL
80	59	0.33	124	P2	TWD	10	FB5	+1.18	TEC	TEH	WAR			501	HOT	560UL
80	61	0.36	60	Q3	VOL		FB7	+1.37	FB7	FB7	WAR			827	HOT	560XP
		0.39	91	P2	TWD	12	FB7	+1.15	TEC	TEH	WAR			501	HOT	560UL
80	81	0.37	99	P2	TWD	15	FB4	-1.13	TEC	TEH	WAR			24	HOT	560XB
83	76	0.36		P2	TWD	14	FB6	-1.32	TEC	TEH	WAR			24	HOT	560XB
		0.96	86	P2	TWD	29	FB5	-0.55	TEC	TEH	WAR			24	HOT	560XB
		0.23	69	Q8	VOL		FB6	-0.85	FB6	FB6	WAR			23	HOT	560XP
		0.87	72	Q8	VOL		FB5	-0.96	FB5	FB5	WAR			23	HOT	560XP
83	84	0.59	74	Q16	VOL		FB5	-1.13	FB5	FB5	WAR			21	HOT	560XP
		0.40	91	P2	TWD	13	FB5	-1.21	TEC	TEH	WAR			22	HOT	560XB
85	62	0.29		P2	TWD	9	FB5	-0.65	TEC	TEH	WAR			501	HOT	560UL
85	64	0.35		P2	TWD	11	FB5	-0.77	TEC	TEH	WAR			501	HOT	560UL
85	76	0.85	88	P2	TWD	24	FB5	-1.29	TEC	TEH	WAR			18	HOT	560XB
86	61	0.50	94	P2	TWD	19	FB5	-1.18	TEC	TEH	WAR			503	HOT	560UL
		0.32	103	P2	TWD	13	FB4	-1.12	TEC	TEH	WAR			503	HOT	560UL
86	77	0.33	83	P2	TWD	11	FB8	+0.58	TEC	TEH	WAR			22	HOT	560XB
90	87	0.46	95	P2	TWD	15	FB5	+1.10	TEC	TEH	WAR			22	HOT	560XB
91	62	0.38		P2	TWD	12	FB5	-0.59	TEC	TEH	WAR			501	HOT	560UL
		0.48		P2	TWD	14	FB5	+0.65	TEC	TEH	WAR			501	HOT	560UL
		0.23		P2	TWD	7	FB4	+0.59	TEC	TEH	WAR			501	HOT	560UL
92	87	0.41		P2	TWD	16	FB5	-1.66	TEC	TEH	WAR			24	HOT	560XB
92	115	0.27	96	18	VOL		TSC	+17.95	TEC	01C				1	HOT	560XP
		0.15	108	3	NQI		TSC	+18.07	TEC	TEH				2	HOT	560XB
		0.05	0	P2	TWD	1	TSC	+18.07	TEC	TEH		LAR		2	HOT	560XB
93	116	0.14	88	82	VOL		TSC	+17.23	TEC	01C				3	HOT	560XP
		0.14	106	3	NQI		TSC	+16.86	TEC	TEH				4	HOT	560XB
		0.03	0	P2	TWD	1	TSC	+16.86	TEC	TEH		LAR		4	HOT	560XB
94	63	0.22	82	P2	TWD	9	FB6	-1.74	TEC	TEH	WAR			503	HOT	560UL
96	81	0.34		P2	TWD	14	FB5	-1.71	TEC	TEH	WAR			24	HOT	560XB
		0.48	57	Q16	VOL		FB5	-1.52	FB5	FB5	WAR			23	HOT	560XP
96	87	0.41		P2	TWD	16	FB5	+1.66	TEC	TEH	WAR			24	HOT	560XB
		0.40		P2	TWD	16	FB4	+1.66	TEC	TEH	WAR			24	HOT	560XB
97	66	1.10	41	Q11	VOL		FB5	+0.99	FB5	FB5	WAR			827	HOT	560XP
		0.64		P2	TWD	18	FB5	+0.74	TEC	TEH	WAR			501	HOT	560UL
97	76	0.32	97	P2	TWD	10	FB4	+1.21	TEC	TEH	WAR			18	HOT	560XB
		0.39	59	Q8	VOL		FB4	+1.07	FB4	FB4	WAR			17	HOT	560XP
97	78	0.94	53	Q8	VOL		FB4	+1.13	FB4	FB4	WAR			21	HOT	560XP
		0.61	78	Q16	VOL		FB6	-1.02	FB6	FB6	WAR			21	HOT	560XP
		0.42	97	P2	TWD	14	FB4	+1.16	TEC	TEH	WAR			22	HOT	560XB

Steam Generator C Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
97	86	0.33	90	P2	TWD	11	FB6	-1.65	TEC	TEH	WAR			22	HOT	560XB
		0.17	119	26	VOL		08H	+17.89	09H	08H				21	HOT	560XP
		0.16	114	3	NQI		08H	+17.82	TEC	TEH				22	HOT	560XB
		0.55	90	P2	TWD	17	FB6	-1.10	TEC	TEH	WAR			22	HOT	560XB
		0.10	90	P2	TWD	3	08H	+17.82	TEC	TEH		LAR		22	HOT	560XB
98	67	0.24	86	P2	TWD	10	FB7	-1.77	TEC	TEH	WAR			503	HOT	560UL
		0.49	89	P2	TWD	18	FB7	+1.56	TEC	TEH	WAR			503	HOT	560UL
		0.34	102	P2	TWD	13	FB5	+1.06	TEC	TEH	WAR			503	HOT	560UL
		0.32	98	P2	TWD	13	FB4	+1.27	TEC	TEH	WAR			503	HOT	560UL
		0.41	231	Q2	VOL		FB4	+1.12	FB4	FB4	WAR			827	HOT	560XP
		0.32	48	Q2	VOL		FB5	+0.90	FB5	FB5	WAR			827	HOT	560XP
		0.74	77	Q2	VOL		FB7	+1.61	FB7	FB7	WAR			827	HOT	560XP
		1.55	1	Q10	VOL		FB7	-1.53	FB7	FB7	WAR			827	HOT	560XP
98	69	0.32	113	P2	TWD	13	FB5	+1.06	TEC	TEH	WAR			503	HOT	560UL
		0.41	101	Q2	VOL		FB5	+1.21	FB5	FB5	WAR			827	HOT	560XP
98	73	0.36		P2	TWD	14	FB5	-0.83	TEC	TEH	WAR			24	HOT	560XB
		0.36		P2	TWD	14	FB4	-0.58	TEC	TEH	WAR			24	HOT	560XB
		0.54	27	Q14	VOL		FB4	-1.31	FB4	FB4	WAR			23	HOT	560XP
		0.42	54	Q15	VOL		FB5	-1.02	FB5	FB5	WAR			23	HOT	560XP
98	77	0.61		P2	TWD	19	FB5	-0.60	TEC	TEH	WAR			22	HOT	560XB
98	85	0.30	94	P2	TWD	10	FB4	+1.40	TEC	TEH	WAR			22	HOT	560XB
		0.30	94	P2	TWD	10	FB3	+1.43	TEC	TEH	WAR			22	HOT	560XB
		0.36	99	P2	TWD	12	FB5	-1.18	TEC	TEH	WAR			22	HOT	560XB
98	87	0.31	96	P2	TWD	10	FB5	-1.48	TEC	TEH	WAR			22	HOT	560XB
		0.37	92	P2	TWD	12	FB6	-1.37	TEC	TEH	WAR			22	HOT	560XB
99	66	1.55	6	Q10	VOL		FB5	+1.15	FB5	FB5	WAR			827	HOT	560XP
		0.22	95	P2	TWD	9	FB7	+0.82	TEC	TEH	WAR			503	HOT	560UL
		0.39	108	P2	TWD	15	FB5	+1.06	TEC	TEH	WAR			503	HOT	560UL
99	78	0.51		P2	TWD	19	FB4	+1.66	TEC	TEH	WAR			24	HOT	560XB
		0.67	56	Q15	VOL		FB4	+1.03	FB4	FB4	WAR			23	HOT	560XP
100	81	0.32	104	P2	TWD	13	FB5	+1.60	TEC	TEH	WAR			24	HOT	560XB
		0.27	88	Q8	VOL		FB5	+1.30	FB5	FB5	WAR			23	HOT	560XP
100	87	0.29		P2	TWD	12	FB5	-1.65	TEC	TEH	WAR			24	HOT	560XB
		0.48		P2	TWD	18	FB4	+1.65	TEC	TEH	WAR			24	HOT	560XB
		0.41	40	Q8	VOL		FB4	+1.05	FB4	FB4	WAR			23	HOT	560XP
		0.57	107	Q16	VOL		FB5	-1.43	FB5	FB5	WAR			23	HOT	560XP
101	78	0.46	94	P2	TWD	15	FB5	-1.16	TEC	TEH	WAR			22	HOT	560XB
		0.37	92	P2	TWD	12	FB4	+1.24	TEC	TEH	WAR			22	HOT	560XB
		0.35	96	P2	TWD	12	FB4	-1.07	TEC	TEH	WAR			22	HOT	560XB
102	69	0.67	94	P2	TWD	23	FB6	+1.56	TEC	TEH	WAR			503	HOT	560UL
		0.86	81	Q3	VOL		FB6	+1.49	FB6	FB6	WAR			827	HOT	560XP
102	77	0.51	108	P2	TWD	16	FB7	-1.59	TEC	TEH	WAR			22	HOT	560XB
		0.47	105	P2	TWD	15	FB5	-1.57	TEC	TEH	WAR			22	HOT	560XB
		0.64	83	P2	TWD	19	FB4	-0.88	TEC	TEH	WAR			22	HOT	560XB
		0.40	114	P2	TWD	13	FB3	+1.10	TEC	TEH	WAR			22	HOT	560XB
102	83	0.41		P2	TWD	13	FB5	-1.71	TEC	TEH	WAR			22	HOT	560XB
102	87	0.38	100	P2	TWD	12	FB5	-1.32	TEC	TEH	WAR			22	HOT	560XB
103	78	0.50		P2	TWD	19	FB6	-1.69	TEC	TEH	WAR			24	HOT	560XB
		0.62	75	Q8	VOL		FB6	-0.97	FB6	FB6	WAR			23	HOT	560XP
104	37	0.17	75	58	VOL		TSH	+12.00	01H	TEH				819	HOT	560XP
		0.10	106	3	NQI		TSH	+11.54	TEC	TEH				529	HOT	560UL
		0.05	54	P2	TWD	1	TSH	+11.54	TEC	TEH		LAR		529	HOT	560UL
104	75	0.13	124	P2	TWD	4	FB4	-0.58	TEC	TEH	WAR			18	HOT	560XB
105	88	0.91	96	Q16	VOL		FB5	-0.96	FB5	FB5	WAR			21	HOT	560XP
		0.43	107	P2	TWD	14	FB5	-0.85	TEC	TEH	WAR			22	HOT	560XB
106	69	0.29	88	P2	TWD	12	FB6	+1.56	TEC	TEH	WAR			503	HOT	560UL
108	67	0.47	95	Q2	VOL		FB7	+2.03	FB7	FB7	WAR			827	HOT	560XP
		0.45		P2	TWD	14	FB7	+1.36	TEC	TEH	WAR			501	HOT	560UL
109	62	0.31		P2	TWD	10	FB4	-0.80	TEC	TEH	WAR			501	HOT	560UL
114	69	0.26	112	P2	TWD	11	FB6	+1.44	TEC	TEH	WAR			503	HOT	560UL
		0.28	87	Q2	VOL		FB6	+1.48	FB6	FB6	WAR			827	HOT	560XP

Total Tubes : 70
 Total Records: 141

Steam Generator D Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
36	75	1.30	60	94	VOL		03H	-1.49	03H	03H	WAR			811	HOT	560XP
		0.37	107	P2	TWD	16	03H	-1.45	TEC	TEH	WAR		LAR	535	HOT	560UL
52	79	0.29	100	P2	TWD	12	FB5	-0.74	TEC	TEH	WAR			535	HOT	560UL
52	91	0.28	108	P2	TWD	11	FB4	-1.14	TEC	TEH	WAR			539	HOT	560UL
53	76	0.57	73	P2	TWD	23	FB4	+1.40	TEC	TEH	WAR			535	HOT	560UL
57	66	0.43	73	P2	TWD	17	FB5	-1.04	TEC	TEH	WAR			515	HOT	560UL
62	95	0.14	66	P2	TWD	5	FB4	-1.13	TEC	TEH	WAR			541	HOT	560UL
66	85	0.31	100	P2	TWD	14	FB4	+1.14	TEC	TEH	WAR			527	HOT	560UL
67	74	0.25	94	P2	TWD	12	FB5	+0.56	TEC	TEH	WAR			527	HOT	560UL
69	74	0.34	87	P2	TWD	15	FB5	+0.67	TEC	TEH	WAR			529	HOT	560UL
71	66	0.20	106	P2	TWD	10	FB5	+1.63	TEC	TEH	WAR			28	HOT	560XB
72	59	0.36	108	P2	TWD	14	FB5	+1.21	TEC	TEH	WAR			26	HOT	560XB
		0.54	266	Q14	VOL		FB5	+1.24	FB5	FB5	WAR			25	HOT	560XP
77	66	0.24	91	P2	TWD	11	FB5	+1.75	TEC	TEH	WAR			28	HOT	560XB
79	66	0.22	105	P2	TWD	10	FB5	+1.72	TEC	TEH	WAR			28	HOT	560XB
80	63	0.31	97	P2	TWD	13	FB6	-1.21	TEC	TEH	WAR			30	HOT	560XB
		0.52	61	Q15	VOL		FB6	-1.06	FB6	FB6	WAR			29	HOT	560XP
80	73	0.45	102	P2	TWD	19	FB5	+1.67	TEC	TEH	WAR			527	HOT	560UL
		0.32	103	P2	TWD	15	FB4	+1.11	TEC	TEH	WAR			527	HOT	560UL
81	68	0.27	96	P2	TWD	13	FB4	+1.51	TEC	TEH	WAR			32	HOT	560XB
		0.32	103	P2	TWD	14	FB6	-1.13	TEC	TEH	WAR			32	HOT	560XB
84	107	0.30	66	170	VOL		TSH	+0.14	01H	TEH				801	HOT	560XP
		0.33	26	Q1	TWD	8	TSH	+0.14	01H	TEH			LAR	801	HOT	560XP
85	84	0.38	85	P2	TWD	17	FB5	-1.18	TEC	TEH	WAR			527	HOT	560UL
86	73	0.48	82	P2	TWD	20	FB6	-1.69	TEC	TEH	WAR			529	HOT	560UL
		0.53	90	P2	TWD	22	FB5	+1.73	TEC	TEH	WAR			529	HOT	560UL
		0.37	91	P2	TWD	17	FB4	+1.29	TEC	TEH	WAR			529	HOT	560UL
88	71	0.28	75	Q7	VOL		FB5	-1.44	FB5	FB5	WAR			35	HOT	560XP
		0.24	99	P2	TWD	11	FB5	-1.34	TEC	TEH	WAR			36	HOT	560XB
88	73	0.38	92	P2	TWD	17	FB5	+1.72	TEC	TEH	WAR			527	HOT	560UL
89	62	0.27	83	P2	TWD	12	FB5	-0.48	TEC	TEH	WAR			28	HOT	560XB
90	69	0.32	103	P2	TWD	14	FB4	+0.49	TEC	TEH	WAR			32	HOT	560XB
91	62	0.28	78	P2	TWD	12	FB5	-0.51	TEC	TEH	WAR			30	HOT	560XB
92	69	0.32	104	P2	TWD	15	FB4	+0.54	TEC	TEH	WAR			32	HOT	560XB
92	73	0.40	94	P2	TWD	18	FB5	+1.76	TEC	TEH	WAR			527	HOT	560UL
93	62	0.58	84	P2	TWD	23	FB5	-0.75	TEC	TEH	WAR			28	HOT	560XB
		0.22	86	P2	TWD	10	FB6	-0.57	TEC	TEH	WAR			28	HOT	560XB
93	70	0.31	85	P2	TWD	14	FB6	-1.31	TEC	TEH	WAR			32	HOT	560XB
		0.47	99	P2	TWD	20	FB5	-1.00	TEC	TEH	WAR			32	HOT	560XB
94	61	0.63	54	Q6	VOL		FB6	+1.57	FB6	FB6	WAR			27	HOT	560XP
		0.50	96	P2	TWD	20	FB6	+0.90	TEC	TEH	WAR			28	HOT	560XB
94	67	0.15	124	P2	TWD	7	FB4	-0.72	TEC	TEH	WAR			28	HOT	560XB
		0.34	85	Q14	VOL		FB4	-0.84	FB4	FB4	WAR			27	HOT	560XP
95	62	0.26	76	P2	TWD	11	FB5	-0.54	TEC	TEH	WAR			30	HOT	560XB
95	68	0.31	80	P2	TWD	14	FB3	-0.57	TEC	TEH	WAR			32	HOT	560XB
		0.48	94	P2	TWD	20	FB5	-1.24	TEC	TEH	WAR			32	HOT	560XB
		0.42	99	P2	TWD	18	FB7	-1.20	TEC	TEH	WAR			32	HOT	560XB
97	34	1.65	165	50	VOL		TSC	+0.34	TEC	01C				13	HOT	560XP
		0.82	45	46	VOL		TSC	+0.31	TEC	01C				37	HOT	560XP
		0.23	61	Q10	TWD	5	TSC	+0.50	TEC	01C			LAR	37	HOT	560XP
97	68	0.66	93	P2	TWD	25	FB5	-1.14	TEC	TEH	WAR			32	HOT	560XB
99	34	0.31	113	P1	NQI		TSC	+0.26	TEC	TEH				16	HOT	560XB
		3.84	126	30	VOL		TSC	+0.19	TEC	01C				37	HOT	560XP
		1.23	92	Q2	TWD	21	TSC	+0.33	TEC	01C			LAR	37	HOT	560XP
		0.43	130	P1	NQI		TSC	+0.32	TEC	TEH				38	HOT	560XB
99	64	0.21	94	P2	TWD	10	FB5	+1.75	TEC	TEH	WAR			28	HOT	560XB
99	68	0.29	99	P2	TWD	15	FB5	+1.17	TEC	TEH	WAR			54	HOT	560XB
		0.43	321	Q4	VOL		FB5	+1.69	FB5	FB5	WAR			811	HOT	560XP
		0.35	66	Q12	VOL		FB5	+1.32	FB5	FB5	WAR			53	HOT	560XP
100	69	0.51	94	P2	TWD	21	FB6	+1.69	TEC	TEH	WAR			32	HOT	560XB
		0.39	93	P2	TWD	17	FB5	+0.72	TEC	TEH	WAR			32	HOT	560XB
101	80	0.22	99	P2	TWD	11	FB6	-0.42	TEC	TEH	WAR			527	HOT	560UL
102	69	0.55	58	Q6	VOL		FB4	+0.94	FB4	FB4	WAR			31	HOT	560XP
		0.23	124	P2	TWD	11	FB4	+1.00	TEC	TEH	WAR			32	HOT	560XB
108	71	0.25	94	P2	TWD	13	FB5	+0.66	TEC	TEH	WAR			54	HOT	560XB
108	73	0.29	103	P2	TWD	13	FB4	+1.64	TEC	TEH	WAR			555	HOT	560UL
110	65	0.37	95	P2	TWD	16	FB5	-1.21	TEC	TEH	WAR			28	HOT	560XB
		0.23	101	P2	TWD	11	FB4	-1.57	TEC	TEH	WAR			28	HOT	560XB
		0.21	106	P2	TWD	10	FB3	-1.24	TEC	TEH	WAR			28	HOT	560XB
		0.32	68	Q14	VOL		FB4	-1.11	FB4	FB4	WAR			27	HOT	560XP
		0.45	94	Q14	VOL		FB3	-1.27	FB3	FB3	WAR			27	HOT	560XP
113	64	0.20	91	P2	TWD	9	FB5	-1.65	TEC	TEH	WAR			28	HOT	560XB
114	61	0.34	90	P2	TWD	15	FB4	-1.14	TEC	TEH	WAR			28	HOT	560XB
114	69	0.18	106	P2	TWD	9	FB4	+1.45	TEC	TEH	WAR			32	HOT	560XB
		0.21	90	P2	TWD	10	FB5	+0.69	TEC	TEH	WAR			32	HOT	560XB

Total Tubes : 46
 Total Records: 75

Steam Generator D Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
===	===	=====	===	===	===	===	=====	===	=====	=====	=====	=====	=====	=====	=====	=====	=====

Attachment 2

Catawba Unit 1 End of Cycle 17 Steam Generator In-service
Inspection Summary Report

Steam Generator Outage Summary Report

Catawba Unit 1 2008 Outage EOC 17

Location: 4800 Concord Road, York South Carolina 29745

NRC Docket No. 50-413

National Board No. 130

Commercial Service Date: June 29, 1985

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

Revision 0

Prepared By: *C. G. Cantor* Date: *9-4-08*

Reviewed By: *DBM Mays* Date: *9/4/2008*

Approved By: *P. W. Panning* Date: *9/4/08*

Copy No. *1*

Assigned To: *NRC*

Controlled: *X*

Uncontrolled: _____

Controlled Distribution

<u>Copy No.</u>	<u>Assigned To</u>
Original	Catawba Nuclear Station Document Control Master File CN-208.21
1	NRC Document Control

Uncontrolled Distribution

2	Hartford Steam Boiler Inspection and Insurance Co. (AIA)
Electronic	Steam Generator Desktop

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

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St., Charlotte, NC 28201-1006
(Name and Address of Owner)
2. Plant: Catawba Nuclear Station, 4800 Concord Road, York, S. C. 29745
(Name and Address of Plant)
3. Plant Unit: 1
4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: June 29, 1985
6. National Board Number for Unit 130
7. Components Inspected:

<u>Component</u>	<u>Manufacturer</u>	<u>Manufacturer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Steam Generator 1A	BWI	770101	N/A	151
Steam Generator 1B	BWI	769304	N/A	150
Steam Generator 1C	BWI	769302	N/A	147
Steam Generator 1D	BWI	769303	N/A	149

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8¹/₂ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

- 8. Examination Dates December 30, 2006 to June 21, 2008
- 9. Inspection Period Identification: First
- 10. Inspection Interval Identification: Third
- 11. Applicable Edition of Section XI 1998 Addenda 2000
- 12. Date/Revision of Inspection Plan: June 27, 2005/Rev 0; Per CNS Technical Specification
- 13. Abstract of Examinations and Test. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference attached report.
- 14. Abstract of Results of Examination and Tests. Reference attached report.
- 15. Abstract of Corrective Measures. Reference attached report.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date 9/4/08 Signed Duke Energy Corp. By J.W. Deanning
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of NC employed by *The Hartford Steam Boiler Inspection & Insurance Company of Connecticut have inspected the components described in this Owners' Report during the period 12-30-06 to 06-21-08, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this 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 McMill ^{**} Commissions NC978 I NA
Inspector's Signature National Board, State, Province, and Endorsements

Date 9/8 20 08

^{**} by Kenneth Abbott NC 1477 I NA per telephone conversation 9-8-08

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut
200 Ashford Center North
Suite 205
Atlanta, GA. 30338

Catawba 1 EOC17 Steam Generator Tube Inspection Report

Pursuant to ASME Section XI and Catawba technical specification 5.6.8 the following information is provided:

a. The scope of inspection performed on each SG

Baseline inspection scope shall include full length data acquisition and bobbin coil analysis for all four (4) steam generators as follows. ECT data from all active coils shall be recorded full length.

- 1) *All tubes with previous indications.*
- 2) *Tubes surrounding plugged tubes, two tubes deep around the periphery*
- 3) *50% sample of the remaining inservice tubes with tuned bobbin and array probe with all coils active full length.*

Note: There were 3,803 tubes inspected with bobbin in the A SG, 3,826 in the B SG, 3,806 in the C SG, and 3,812 in the D SG.

Special interest inspection scope shall include data acquisition and array data analysis as follows:

- 1) *Locations where bobbin coil indications are observed that require further characterization.*
- 2) *Four S/G's 20% random top of tubesheet.*
- 3) *Array data for proximity monitoring.*
- 4) *Analysis of all loose parts detected by visual inspection during EOC15.*
- 5) *Analysis of one tube around all ECT possible loose parts (PLP) and secondary side visual loose parts.*

Plug inspection scope shall be as follows:

- 1) *Visual inspection of all plugs.*

b. Active degradation mechanisms found

Active degradation found in all four (4) steam generators include wear at support structures and wear from loose objects.

c. Non-destructive examination techniques utilized for each degradation mechanism

Bobbin was used to detect wear at support structures. Bobbin and array were used to detect wear from loose objects.

d. Location, orientation (if linear), and measured sizes (if available) of serviced induced indications

The complete listing for service induced indications is attached.

e. Number of tubes plugged during the inspection outage for each active degradation mechanism

Twenty three tubes (10 in SG C and 13 in SG D) were preventively plugged for loose objects.

f. The total number and percentage of tubes plugged to date

<i>Steam Generator</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>Total</i>
<i>Prior to EOC17</i>	<i>8</i>	<i>0</i>	<i>14</i>	<i>4</i>	<i>26</i>
<i>EOC17</i>	<i>0</i>	<i>0</i>	<i>10</i>	<i>13</i>	<i>23</i>
<i>Total</i>	<i>8</i>	<i>0</i>	<i>24</i>	<i>17</i>	<i>49</i>
<i>% Plugged</i>	<i>0.12</i>	<i>0.00</i>	<i>0.36</i>	<i>0.26</i>	<i>0.18</i>

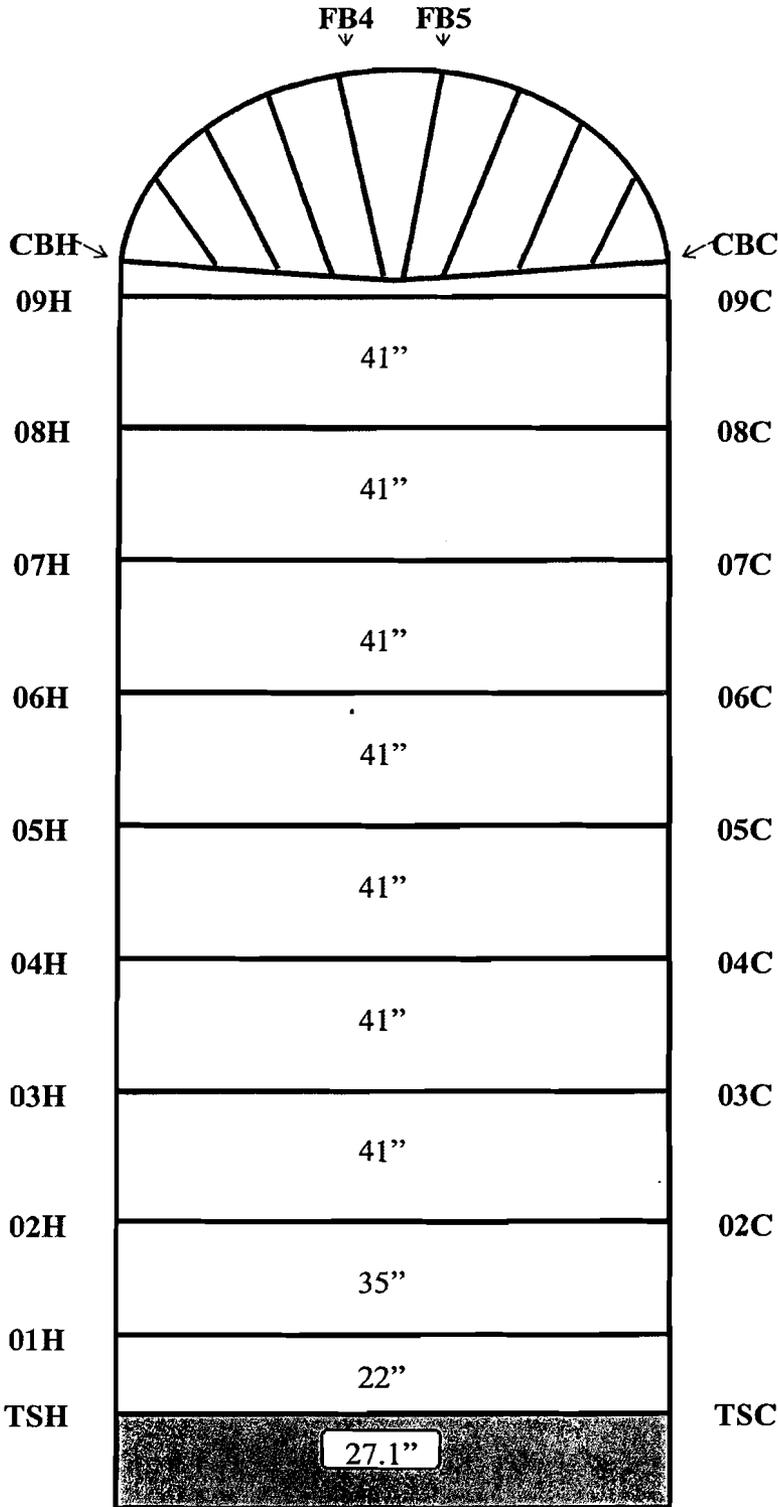
g. The results of the condition monitoring, including the results of tube pulls and in-situ pressure testing

Condition Monitoring and Operational Assessments were performed for the Catawba Nuclear Station unit 1 EOC 17 data in accordance with industry standards. The observed tubing degradation at EOC 17 was wear scars at tube support locations and a few instances of shallow wear believed to be from foreign objects. The maximum observed NDE degradation depth at EOC 17 was 29% TW wear at a fan bar location. The present state of degradation of Catawba Unit 1 steam generator tubing does not challenge structural and leakage integrity requirements. No in-situ pressure tests or tube pulls were performed.

h. The effective plugging percentage for all plugging in each SG

The effective plugging percentage for each of the Catawba unit 1 steam generators is identical to those shown in section (f) above.

Additional Information to assist with locations within the SG's.



CFR 80

Tube Information:

No. of Tubes	6633
Material:	Inconel 690
Nominal Dia.:	0.688"
Nominal Wall:	0.040"
Row 1 Radius:	3.973"
Straight Length:	31.9'/32.7'
Tube Pitch:	.930"

Tube Support Information

Type:	Lattice
Material	410 Stainless
Thickness:	
High:	3.150"
Med.:	2.562"
Low:	1.000"

Connector Bar

Material:	410 Stainless
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Fan Bars

Material:	410 Stainless
Thickness	0.110"
Width	1.25"

Catawba - Unit One Replacement Outage Typical Tubesheet Layout

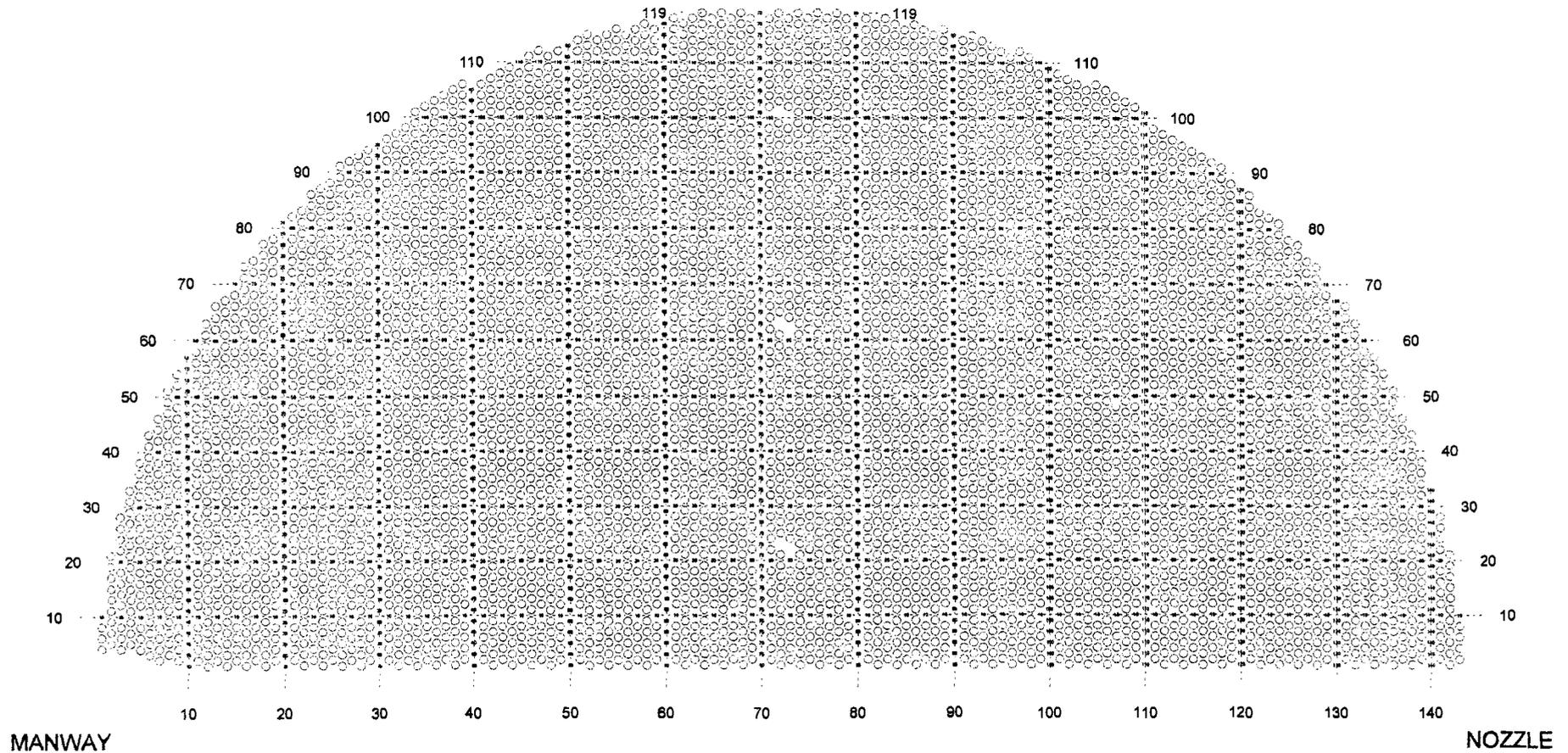
AREVA - FDMS map module Version 5.0

S/G A
HOT
PRIMARY FACE

TOTAL TUBES: 6633
SELECTED TUBES: 0
OUT OF SERVICE (#): NA

SCALE: 0.074705 X
Thu Sep 04 09:51:32 2008

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These codes are used in the following list of service indications and are provided to assist in reviewing the data.

<u>Code</u>	<u>Description</u>
LAR	Lead Analyst Review
NQI	Non-Quantifiable Indication
TWD	Through Wall Depth
VOL	Volumetric Indication
WAR	Wear

Steam Generator A Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
49	82	0.20	95	P2	TWD	11	FB2	+0.75	TEC	TEH	WAR			549	HOT	560UL
51	78	0.44	68	Q8	VOL		01H	-1.73	01H	01H	WAR			813	HOT	560XP
		0.25	133	P1	NQI		01H	-1.66	TEC	TEH				551	HOT	560UL
		0.20	93	P2	TWD	9	01H	-1.63	TEC	TEH			LAR	551	HOT	560UL
61	70	0.18	72	P2	TWD	10	FB4	+0.71	TEC	TEH	WAR			565	HOT	560UL
77	82	0.26	86	P2	TWD	11	FB5	-0.63	TEC	TEH	WAR			30	HOT	560UL
81	80	0.27		P2	TWD	14	FB7	-0.71	TEC	TEH	WAR			18	HOT	560UL
88	81	0.28		P2	TWD	15	FB5	-1.68	TEC	TEH	WAR			18	HOT	560UL
		0.17	159	Q15	VOL		FB5	-1.77	FB5	FB5	WAR			811	HOT	560XP
89	78	0.34		P2	TWD	17	FB5	-0.63	TEC	TEH	WAR			18	HOT	560UL
89	80	0.37		P2	TWD	18	FB5	-1.05	TEC	TEH	WAR			18	HOT	560UL
90	81	0.30	154	Q15	VOL		FB5	-0.90	FB5	FB5	WAR			811	HOT	560XP
		0.28		P2	TWD	12	FB5	-1.64	TEC	TEH	WAR			20	HOT	560UL
91	80	0.45		P2	TWD	17	FB6	+1.52	TEC	TEH	WAR			20	HOT	560UL
91	84	0.39		P2	TWD	19	FB4	-0.63	TEC	TEH	WAR			18	HOT	560UL
92	79	0.34		P2	TWD	17	FB4	-0.66	TEC	TEH	WAR			18	HOT	560UL
94	81	0.27		P2	TWD	11	FB5	+1.72	TEC	TEH	WAR			20	HOT	560UL
95	88	0.30		P2	TWD	16	FB4	-0.66	TEC	TEH	WAR			18	HOT	560UL
96	109	0.16	105	P2	TWD	8	FB5	+1.53	TEC	TEH	WAR			6	HOT	560XB
100	85	0.67	38	Q7	VOL		FB4	+1.36	FB4	FB4	WAR			811	HOT	560XP
		0.48		P2	TWD	18	FB4	+1.26	TEC	TEH	WAR			20	HOT	560UL
101	78	0.34		P2	TWD	17	FB4	-1.56	TEC	TEH	WAR			18	HOT	560UL
102	83	0.24	130	Q15	VOL		FB6	-1.25	FB6	FB6	WAR			811	HOT	560XP
		0.54	31	Q7	VOL		FB5	+0.90	FB5	FB5	WAR			811	HOT	560XP
		0.36		P2	TWD	14	FB6	-1.61	TEC	TEH	WAR			20	HOT	560UL
		0.39		P2	TWD	15	FB5	+0.69	TEC	TEH	WAR			20	HOT	560UL
103	78	0.40		P2	TWD	16	FB5	-0.83	TEC	TEH	WAR			20	HOT	560UL
108	93	0.22	106	P2	TWD	10	FB5	+1.67	TEC	TEH	WAR			16	HOT	560XB
		0.32	72	Q15	VOL		FB5	+1.70	FB5	FB5	WAR			15	HOT	560XP

Total Tubes : 20
 Total Records: 29

Steam Generator B Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
10	11	0.57	153	166	VOL		TSH	+0.35	TSH	TEH				29	HOT	560XP
		0.34	59	Q15	TWD	6	TSH	+0.17	01H	TEH			LAR	29	HOT	560XP
46	89	0.51	120	70	VOL		FB5	+1.52	FB5	FB5	WAR			825	HOT	560XP
		0.16	98	P2	TWD	9	FB5	+1.51	TEC	TEH	WAR			561	HOT	560UL
66	73	0.30	91	P2	TWD	10	FB5	+0.68	TEC	TEH	WAR			521	HOT	560UL
69	70	0.44	83	P2	TWD	11	FB4	+1.64	TEC	TEH	WAR			30	HOT	560XB
72	19	0.44	84	50	VOL		TSH	+0.16	01H	TEH				7	HOT	560XP
		0.30	140	122	VOL		TSH	+0.03	01H	TEH				7	HOT	560XP
		0.44	34	Q7	TWD	10	TSH	+0.00	01H	TEH			LAR	7	HOT	560XP
		0.27	57	Q4	TWD	6	TSH	+0.13	01H	TEH			LAR	7	HOT	560XP
73	18	0.52	159	126	VOL		TSH	+0.24	01H	TEH				7	HOT	560XP
		0.28	35	Q7	TWD	7	TSH	+0.00	01H	TEH			LAR	7	HOT	560XP
74	83	0.31	105	P2	TWD	10	FB4	+1.26	TEC	TEH	WAR			527	HOT	560UL
75	18	0.53	26	174	VOL		TSH	+0.05	01H	TEH				5	HOT	560XP
		0.41	88	Q8	TWD	8	TSH	+0.11	01H	TEH			LAR	5	HOT	560XP
82	75	0.30	96	P2	TWD	10	FB4	-1.12	TEC	TEH	WAR			521	HOT	560UL
82	83	0.27	76	P2	TWD	9	FB4	+1.20	TEC	TEH	WAR			527	HOT	560UL
86	83	0.45	77	P2	TWD	14	FB5	+1.29	TEC	TEH	WAR			527	HOT	560UL
		0.28	83	P2	TWD	9	FB4	+1.17	TEC	TEH	WAR			527	HOT	560UL
89	60	0.27	93	P2	TWD	10	FB6	-1.18	TEC	TEH	WAR			26	HOT	560XB
		0.33	105	P2	TWD	12	FB5	-1.18	TEC	TEH	WAR			26	HOT	560XB
		0.32	106	Q11	VOL		FB5	-0.88	FB5	FB5	WAR			25	HOT	560XP
		0.37	117	Q11	VOL		FB6	-0.91	FB6	FB6	WAR			25	HOT	560XP
91	70	0.41	54	Q3	VOL		FB4	+1.01	FB4	FB4	WAR			29	HOT	560XP
		0.66	57	Q3	VOL		FB6	+1.26	FB6	FB6	WAR			29	HOT	560XP
		0.48	67	P2	TWD	11	FB6	+1.23	TEC	TEH	WAR			30	HOT	560XB
		0.21	75	P2	TWD	6	FB4	+0.96	TEC	TEH	WAR			30	HOT	560XB
95	64	0.27	118	P2	TWD	10	FB5	-1.12	TEC	TEH	WAR			26	HOT	560XB
95	76	0.66	74	Q13	VOL		FB6	-1.01	FB6	FB6	WAR			825	HOT	560XP
		0.22	114	P2	TWD	11	FB6	-1.20	TEC	TEH	WAR			565	HOT	560UL
97	70	1.13	89	Q11	VOL		FB5	-1.04	FB5	FB5	WAR			29	HOT	560XP
		0.83	68	Q11	VOL		FB6	-1.07	FB6	FB6	WAR			29	HOT	560XP
		0.23	78	P2	TWD	6	FB8	+1.92	TEC	TEH	WAR			30	HOT	560XB
		0.43	82	P2	TWD	10	FB6	-1.18	TEC	TEH	WAR			30	HOT	560XB
		0.90	81	P2	TWD	19	FB5	-1.18	TEC	TEH	WAR			30	HOT	560XB
		0.21	84	P2	TWD	5	FB6	+1.20	TEC	TEH	WAR			30	HOT	560XB
		0.24	96	P2	TWD	6	FB5	+1.20	TEC	TEH	WAR			30	HOT	560XB
98	83	0.45	75	P2	TWD	14	FB5	+1.15	TEC	TEH	WAR			527	HOT	560UL
99	62	0.31	0	P2	TWD	11	FB5	+1.13	TEC	TEH	WAR			28	HOT	560XB
		0.32	86	Q6	VOL		FB5	+1.27	FB5	FB5	WAR			27	HOT	560XP
103	70	0.45	79	P2	TWD	11	FB4	-1.15	TEC	TEH	WAR			30	HOT	560XB
106	103	0.17	115	130	VOL		TSH	+6.89	01H	TEH				807	HOT	560XP
		0.20	111	Q6	TWD	4	TSH	+6.89	01H	TEH			LAR	807	HOT	560XP
117	70	0.51	112	Q11	VOL		FB5	-0.74	FB5	FB5	WAR			29	HOT	560XP
		0.32	88	P2	TWD	8	FB5	-0.58	TEC	TEH	WAR			30	HOT	560XB

Total Tubes : 21
 Total Records: 45

Steam Generator C Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL	#	LEG	PROBE
1	70	0.28	297	158	VOL		TSC	+1.26	01C	TEC				801		COLD	560XP
		0.26	89	Q9	TWD	7	TSC	+1.14	01C	TEC		LAR		801		COLD	560XP
		0.20	39	Q7	TWD	5	TSC	+1.26	01C	TEC		LAR		801		COLD	560XP
2	67	0.36	89	146	VOL		TSC	+1.46	01C	TEC				801		COLD	560XP
		0.23	51	Q16	TWD	6	TSC	+1.46	01C	TEC		LAR		801		COLD	560XP
3	66	0.32	148	182	VOL		TSC	+1.64	01C	TEC				801		COLD	560XP
		0.12	117	Q9	TWD	3	TSC	+1.64	01C	TEC		LAR		801		COLD	560XP
51	64	0.83	40	Q10	VOL		FB3	+1.43	FB3	FB3	WAR			827		HOT	560XP
		0.32	101	P2	TWD	2	FB3	+1.54	TEC	TEH	WAR			525		HOT	560UL
63	44	0.17	83	P2	TWD	2	FB4	-1.77	TEC	TEH	WAR			529		HOT	560UL
66	61	0.43	66	Q3	VOL		FB5	+1.44	FB5	FB5	WAR			827		HOT	560XP
		0.34	95	P2	TWD	11	FB5	+1.45	TEC	TEH	WAR			501		HOT	560UL
69	78	0.41	76	Q16	VOL		FB5	-0.87	FB5	FB5	WAR			21		HOT	560XP
		0.34	109	P2	TWD	11	FB5	-1.38	TEC	TEH	WAR			22		HOT	560XB
72	61	0.42		P2	TWD	13	FB5	+1.27	TEC	TEH	WAR			501		HOT	560UL
73	62	0.28		P2	TWD	9	FB6	-0.62	TEC	TEH	WAR			501		HOT	560UL
74	65	0.29		P2	TWD	9	FB4	+0.68	TEC	TEH	WAR			501		HOT	560UL
		0.50		P2	TWD	15	FB5	+1.68	TEC	TEH	WAR			501		HOT	560UL
		0.29		P2	TWD	9	FB6	-1.59	TEC	TEH	WAR			501		HOT	560UL
74	87	0.42	86	P2	TWD	14	FB4	-1.38	TEC	TEH	WAR			22		HOT	560XB
74	97	0.45		P2	TWD	10	FB5	-1.21	TEC	TEH	WAR			32		HOT	560XB
75	60	0.43	98	P2	TWD	13	FB4	-1.01	TEC	TEH	WAR			501		HOT	560UL
		0.27	119	P2	TWD	8	FB6	-1.12	TEC	TEH	WAR			501		HOT	560UL
75	62	0.53	95	P2	TWD	19	FB4	-1.15	TEC	TEH	WAR			503		HOT	560UL
75	76	0.53	96	P2	TWD	20	FB5	+1.21	TEC	TEH	WAR			24		HOT	560XB
76	59	0.28		P2	TWD	9	FB6	-1.74	TEC	TEH	WAR			501		HOT	560UL
76	61	0.44		P2	TWD	13	FB5	+1.30	TEC	TEH	WAR			501		HOT	560UL
77	68	0.33		P2	TWD	10	FB6	-0.65	TEC	TEH	WAR			501		HOT	560UL
79	52	1.17	72	Q3	VOL		FB3	-2.07	FB3	FB3	LAR			827		HOT	560XP
		0.77	113	P1	NQI		FB3	-1.97	TEC	TEH				503		HOT	560UL
		0.44	78	P2	TWD	17	FB3	-1.97	TEC	TEH		LAR		503		HOT	560UL
79	60	0.35	119	P2	TWD	11	FB4	-1.15	TEC	TEH	WAR			501		HOT	560UL
79	62	0.26		P2	TWD	8	FB5	+0.56	TEC	TEH	WAR			501		HOT	560UL
		0.65	92	P2	TWD	19	FB4	-1.24	TEC	TEH	WAR			501		HOT	560UL
79	66	0.17		P2	TWD	7	FB8	+0.77	TEC	TEH	WAR			503		HOT	560UL
79	80	0.33		P2	TWD	11	FB4	+0.66	TEC	TEH	WAR			22		HOT	560XB
79	86	0.37	88	P2	TWD	12	FB5	-1.16	TEC	TEH	WAR			22		HOT	560XB
		0.27	96	P2	TWD	9	FB6	-1.05	TEC	TEH	WAR			22		HOT	560XB
80	51	0.50	74	Q10	VOL		FB3	-2.22	FB3	FB3	LAR			827		HOT	560XP
		0.21	139	P1	NQI		FB3	-2.24	TEC	TEH				505		HOT	560UL
		0.18	102	P2	TWD	6	FB3	-2.24	TEC	TEH		LAR		505		HOT	560UL
80	59	0.33	124	P2	TWD	10	FB5	+1.18	TEC	TEH	WAR			501		HOT	560UL
80	61	0.36	60	Q3	VOL		FB7	+1.37	FB7	FB7	WAR			827		HOT	560XP
		0.39	91	P2	TWD	12	FB7	+1.15	TEC	TEH	WAR			501		HOT	560UL
80	81	0.37	99	P2	TWD	15	FB4	-1.13	TEC	TEH	WAR			24		HOT	560XB
83	76	0.36		P2	TWD	14	FB6	-1.32	TEC	TEH	WAR			24		HOT	560XB
		0.96	86	P2	TWD	29	FB5	-0.55	TEC	TEH	WAR			24		HOT	560XB
		0.23	69	Q8	VOL		FB6	-0.85	FB6	FB6	WAR			23		HOT	560XP
		0.87	72	Q8	VOL		FB5	-0.96	FB5	FB5	WAR			23		HOT	560XP
83	84	0.59	74	Q16	VOL		FB5	-1.13	FB5	FB5	WAR			21		HOT	560XP
		0.40	91	P2	TWD	13	FB5	-1.21	TEC	TEH	WAR			22		HOT	560XB
85	62	0.29		P2	TWD	9	FB5	-0.65	TEC	TEH	WAR			501		HOT	560UL
85	64	0.35		P2	TWD	11	FB5	-0.77	TEC	TEH	WAR			501		HOT	560UL
85	76	0.85	88	P2	TWD	24	FB5	-1.29	TEC	TEH	WAR			18		HOT	560XB
86	61	0.50	94	P2	TWD	19	FB5	-1.18	TEC	TEH	WAR			503		HOT	560UL
		0.32	103	P2	TWD	13	FB4	-1.12	TEC	TEH	WAR			503		HOT	560UL
86	77	0.33	83	P2	TWD	11	FB8	+0.58	TEC	TEH	WAR			22		HOT	560XB
90	87	0.46	95	P2	TWD	15	FB5	+1.10	TEC	TEH	WAR			22		HOT	560XB
91	62	0.38		P2	TWD	12	FB5	-0.59	TEC	TEH	WAR			501		HOT	560UL
		0.48		P2	TWD	14	FB5	+0.65	TEC	TEH	WAR			501		HOT	560UL
		0.23		P2	TWD	7	FB4	+0.59	TEC	TEH	WAR			501		HOT	560UL
92	87	0.41		P2	TWD	16	FB5	-1.66	TEC	TEH	WAR			24		HOT	560XB
92	115	0.27	96	18	VOL		TSC	+17.95	TEC	01C				1		HOT	560XP
		0.15	108	3	NQI		TSC	+18.07	TEC	TEH				2		HOT	560XB
		0.05	0	P2	TWD	1	TSC	+18.07	TEC	TEH		LAR		2		HOT	560XB
93	116	0.14	88	82	VOL		TSC	+17.23	TEC	01C				3		HOT	560XP
		0.14	106	3	NQI		TSC	+16.86	TEC	TEH				4		HOT	560XB
		0.03	0	P2	TWD	1	TSC	+16.86	TEC	TEH		LAR		4		HOT	560XB
94	63	0.22	82	P2	TWD	9	FB6	-1.74	TEC	TEH	WAR			503		HOT	560UL
96	81	0.34		P2	TWD	14	FB5	-1.71	TEC	TEH	WAR			24		HOT	560XB
		0.48	57	Q16	VOL		FB5	-1.52	FB5	FB5	WAR			23		HOT	560XP
96	87	0.41		P2	TWD	16	FB5	+1.66	TEC	TEH	WAR			24		HOT	560XB
		0.40		P2	TWD	16	FB4	+1.66	TEC	TEH	WAR			24		HOT	560XB
97	66	1.10	41	Q11	VOL		FB5	+0.99	FB5	FB5	WAR			827		HOT	560XP
		0.64		P2	TWD	18	FB5	+0.74	TEC	TEH	WAR			501		HOT	560UL
97	76	0.32	97	P2	TWD	10	FB4	+1.21	TEC	TEH	WAR			18		HOT	560XB
		0.39	59	Q8	VOL		FB4	+1.07	FB4	FB4	WAR			17		HOT	560XP
97	78	0.94	53	Q8	VOL		FB4	+1.13	FB4	FB4	WAR			21		HOT	560XP
		0.61	78	Q16	VOL		FB6	-1.02	FB6	FB6	WAR			21		HOT	560XP
		0.42	97	P2	TWD	14	FB4	+1.16	TEC	TEH	WAR			22		HOT	560XB

Steam Generator C Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
97	86	0.33	90	P2	TWD	11	FB6	-1.65	TEC	TEH	WAR			22	HOT	560XB
		0.17	119	26	VOL		08H	+17.89	09H	08H				21	HOT	560XP
		0.16	114	3	NQI		08H	+17.82	TEC	TEH				22	HOT	560XB
		0.55	90	P2	TWD	17	FB6	-1.10	TEC	TEH	WAR			22	HOT	560XB
		0.10	90	P2	TWD	3	08H	+17.82	TEC	TEH			LAR	22	HOT	560XB
98	67	0.24	86	P2	TWD	10	FB7	-1.77	TEC	TEH	WAR			503	HOT	560UL
		0.49	89	P2	TWD	18	FB7	+1.56	TEC	TEH	WAR			503	HOT	560UL
		0.34	102	P2	TWD	13	FB5	+1.06	TEC	TEH	WAR			503	HOT	560UL
		0.32	98	P2	TWD	13	FB4	+1.27	TEC	TEH	WAR			503	HOT	560UL
		0.41	231	Q2	VOL		FB4	+1.12	FB4	FB4	WAR			827	HOT	560XP
		0.32	48	Q2	VOL		FB5	+0.90	FB5	FB5	WAR			827	HOT	560XP
		0.74	77	Q2	VOL		FB7	+1.61	FB7	FB7	WAR			827	HOT	560XP
		1.55	1	Q10	VOL		FB7	-1.53	FB7	FB7	WAR			827	HOT	560XP
98	69	0.32	113	P2	TWD	13	FB5	+1.06	TEC	TEH	WAR			503	HOT	560UL
		0.41	101	Q2	VOL		FB5	+1.21	FB5	FB5	WAR			827	HOT	560XP
98	73	0.36		P2	TWD	14	FB5	-0.83	TEC	TEH	WAR			24	HOT	560XB
		0.36		P2	TWD	14	FB4	-0.58	TEC	TEH	WAR			24	HOT	560XB
		0.54	27	Q14	VOL		FB4	-1.31	FB4	FB4	WAR			23	HOT	560XP
		0.42	54	Q15	VOL		FB5	-1.02	FB5	FB5	WAR			23	HOT	560XP
98	77	0.61		P2	TWD	19	FB5	-0.60	TEC	TEH	WAR			22	HOT	560XB
98	85	0.30	94	P2	TWD	10	FB4	+1.40	TEC	TEH	WAR			22	HOT	560XB
		0.30	94	P2	TWD	10	FB3	+1.43	TEC	TEH	WAR			22	HOT	560XB
		0.36	99	P2	TWD	12	FB5	-1.18	TEC	TEH	WAR			22	HOT	560XB
98	87	0.31	96	P2	TWD	10	FB5	-1.48	TEC	TEH	WAR			22	HOT	560XB
		0.37	92	P2	TWD	12	FB6	-1.37	TEC	TEH	WAR			22	HOT	560XB
99	66	1.55	6	Q10	VOL		FB5	+1.15	FB5	FB5	WAR			827	HOT	560XP
		0.22	95	P2	TWD	9	FB7	+0.82	TEC	TEH	WAR			503	HOT	560UL
		0.39	108	P2	TWD	15	FB5	+1.06	TEC	TEH	WAR			503	HOT	560UL
99	78	0.51		P2	TWD	19	FB4	+1.66	TEC	TEH	WAR			24	HOT	560XB
		0.67	56	Q15	VOL		FB4	+1.03	FB4	FB4	WAR			23	HOT	560XP
100	81	0.32	104	P2	TWD	13	FB5	+1.60	TEC	TEH	WAR			24	HOT	560XB
		0.27	88	Q8	VOL		FB5	+1.30	FB5	FB5	WAR			23	HOT	560XP
100	87	0.29		P2	TWD	12	FB5	-1.65	TEC	TEH	WAR			24	HOT	560XB
		0.48		P2	TWD	18	FB4	+1.65	TEC	TEH	WAR			24	HOT	560XB
		0.41	40	Q8	VOL		FB4	+1.05	FB4	FB4	WAR			23	HOT	560XP
		0.57	107	Q16	VOL		FB5	-1.43	FB5	FB5	WAR			23	HOT	560XP
101	78	0.46	94	P2	TWD	15	FB5	-1.16	TEC	TEH	WAR			22	HOT	560XB
		0.37	92	P2	TWD	12	FB4	+1.24	TEC	TEH	WAR			22	HOT	560XB
		0.35	96	P2	TWD	12	FB4	-1.07	TEC	TEH	WAR			22	HOT	560XB
102	69	0.67	94	P2	TWD	23	FB6	+1.56	TEC	TEH	WAR			503	HOT	560UL
		0.86	81	Q3	VOL		FB6	+1.49	FB6	FB6	WAR			827	HOT	560XP
102	77	0.51	108	P2	TWD	16	FB7	-1.59	TEC	TEH	WAR			22	HOT	560XB
		0.47	105	P2	TWD	15	FB5	-1.57	TEC	TEH	WAR			22	HOT	560XB
		0.64	83	P2	TWD	19	FB4	-0.88	TEC	TEH	WAR			22	HOT	560XB
		0.40	114	P2	TWD	13	FB3	+1.10	TEC	TEH	WAR			22	HOT	560XB
102	83	0.41		P2	TWD	13	FB5	-1.71	TEC	TEH	WAR			22	HOT	560XB
102	87	0.38	100	P2	TWD	12	FB5	-1.32	TEC	TEH	WAR			22	HOT	560XB
103	78	0.50		P2	TWD	19	FB6	-1.69	TEC	TEH	WAR			24	HOT	560XB
		0.62	75	Q8	VOL		FB6	-0.97	FB6	FB6	WAR			23	HOT	560XP
104	37	0.17	75	58	VOL		TSH	+12.00	01H	TEH				819	HOT	560XP
		0.10	106	3	NQI		TSH	+11.54	TEC	TEH				529	HOT	560UL
		0.05	54	P2	TWD	1	TSH	+11.54	TEC	TEH			LAR	529	HOT	560UL
104	75	0.13	124	P2	TWD	4	FB4	-0.58	TEC	TEH	WAR			18	HOT	560XB
105	88	0.91	96	Q16	VOL		FB5	-0.96	FB5	FB5	WAR			21	HOT	560XP
		0.43	107	P2	TWD	14	FB5	-0.85	TEC	TEH	WAR			22	HOT	560XB
106	69	0.29	88	P2	TWD	12	FB6	+1.56	TEC	TEH	WAR			503	HOT	560UL
108	67	0.47	95	Q2	VOL		FB7	+2.03	FB7	FB7	WAR			827	HOT	560XP
		0.45		P2	TWD	14	FB7	+1.36	TEC	TEH	WAR			501	HOT	560UL
109	62	0.31		P2	TWD	10	FB4	-0.80	TEC	TEH	WAR			501	HOT	560UL
114	69	0.26	112	P2	TWD	11	FB6	+1.44	TEC	TEH	WAR			503	HOT	560UL
		0.28	87	Q2	VOL		FB6	+1.48	FB6	FB6	WAR			827	HOT	560XP

Total Tubes : 70
 Total Records: 141

Steam Generator D Service Induced Indications

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
36	75	1.30	60	94	VOL		03H -1.49	03H	03H	WAR				811	HOT	560XP
		0.37	107	P2	TWD	16	03H -1.45	TEC	TEH	WAR		LAR		535	HOT	560UL
52	79	0.29	100	P2	TWD	12	FB5 -0.74	TEC	TEH	WAR				535	HOT	560UL
52	91	0.28	108	P2	TWD	11	FB4 -1.14	TEC	TEH	WAR				539	HOT	560UL
53	76	0.57	73	P2	TWD	23	FB4 +1.40	TEC	TEH	WAR				535	HOT	560UL
57	66	0.43	73	P2	TWD	17	FB5 -1.04	TEC	TEH	WAR				515	HOT	560UL
62	95	0.14	66	P2	TWD	5	FB4 -1.13	TEC	TEH	WAR				541	HOT	560UL
66	85	0.31	100	P2	TWD	14	FB4 +1.14	TEC	TEH	WAR				527	HOT	560UL
67	74	0.25	94	P2	TWD	12	FB5 +0.56	TEC	TEH	WAR				527	HOT	560UL
69	74	0.34	87	P2	TWD	15	FB5 +0.67	TEC	TEH	WAR				529	HOT	560UL
71	66	0.20	106	P2	TWD	10	FB5 +1.63	TEC	TEH	WAR				28	HOT	560XB
72	59	0.36	108	P2	TWD	14	FB5 +1.21	TEC	TEH	WAR				26	HOT	560XB
		0.54	266	Q14	VOL		FB5 +1.24	FB5	FB5	WAR				25	HOT	560XP
77	66	0.24	91	P2	TWD	11	FB5 +1.75	TEC	TEH	WAR				28	HOT	560XB
79	66	0.22	105	P2	TWD	10	FB5 +1.72	TEC	TEH	WAR				28	HOT	560XB
80	63	0.31	97	P2	TWD	13	FB6 -1.21	TEC	TEH	WAR				30	HOT	560XB
		0.52	61	Q15	VOL		FB6 -1.06	FB6	FB6	WAR				29	HOT	560XP
80	73	0.45	102	P2	TWD	19	FB5 +1.67	TEC	TEH	WAR				527	HOT	560UL
		0.32	103	P2	TWD	15	FB4 +1.11	TEC	TEH	WAR				527	HOT	560UL
81	68	0.27	96	P2	TWD	13	FB4 +1.51	TEC	TEH	WAR				32	HOT	560XB
		0.32	103	P2	TWD	14	FB6 -1.13	TEC	TEH	WAR				32	HOT	560XB
84	107	0.30	66	170	VOL		TSH +0.14	01H	TEH					801	HOT	560XP
		0.33	26	Q1	TWD	8	TSH +0.14	01H	TEH			LAR		801	HOT	560XP
85	84	0.38	85	P2	TWD	17	FB5 -1.18	TEC	TEH	WAR				527	HOT	560UL
86	73	0.48	82	P2	TWD	20	FB6 -1.69	TEC	TEH	WAR				529	HOT	560UL
		0.53	90	P2	TWD	22	FB5 +1.73	TEC	TEH	WAR				529	HOT	560UL
		0.37	91	P2	TWD	17	FB4 +1.29	TEC	TEH	WAR				529	HOT	560UL
88	71	0.28	75	Q7	VOL		FB5 -1.44	FB5	FB5	WAR				35	HOT	560XP
		0.24	99	P2	TWD	11	FB5 -1.34	TEC	TEH	WAR				36	HOT	560XB
88	73	0.38	92	P2	TWD	17	FB5 +1.72	TEC	TEH	WAR				527	HOT	560UL
89	62	0.27	83	P2	TWD	12	FB5 -0.48	TEC	TEH	WAR				28	HOT	560XB
90	69	0.32	103	P2	TWD	14	FB4 +0.49	TEC	TEH	WAR				32	HOT	560XB
91	62	0.28	78	P2	TWD	12	FB5 -0.51	TEC	TEH	WAR				30	HOT	560XB
92	69	0.32	104	P2	TWD	15	FB4 +0.54	TEC	TEH	WAR				32	HOT	560XB
92	73	0.40	94	P2	TWD	18	FB5 +1.76	TEC	TEH	WAR				527	HOT	560UL
93	62	0.58	84	P2	TWD	23	FB5 -0.75	TEC	TEH	WAR				28	HOT	560XB
		0.22	86	P2	TWD	10	FB6 -0.57	TEC	TEH	WAR				28	HOT	560XB
93	70	0.31	85	P2	TWD	14	FB6 -1.31	TEC	TEH	WAR				32	HOT	560XB
		0.47	99	P2	TWD	20	FB5 -1.00	TEC	TEH	WAR				32	HOT	560XB
94	61	0.63	54	Q6	VOL		FB6 +1.57	FB6	FB6	WAR				27	HOT	560XP
		0.50	96	P2	TWD	20	FB6 +0.90	TEC	TEH	WAR				28	HOT	560XB
94	67	0.15	124	P2	TWD	7	FB4 -0.72	TEC	TEH	WAR				28	HOT	560XB
		0.34	85	Q14	VOL		FB4 -0.84	FB4	FB4	WAR				27	HOT	560XP
95	62	0.26	76	P2	TWD	11	FB5 -0.54	TEC	TEH	WAR				30	HOT	560XB
95	68	0.31	80	P2	TWD	14	FB3 -0.57	TEC	TEH	WAR				32	HOT	560XB
		0.48	94	P2	TWD	20	FB5 -1.24	TEC	TEH	WAR				32	HOT	560XB
		0.42	99	P2	TWD	18	FB7 -1.20	TEC	TEH	WAR				32	HOT	560XB
97	34	1.65	165	50	VOL		TSC +0.34	TEC	01C					13	HOT	560XP
		0.82	45	46	VOL		TSC +0.31	TEC	01C					37	HOT	560XP
		0.23	61	Q10	TWD	5	TSC +0.50	TEC	01C			LAR		37	HOT	560XP
97	68	0.66	93	P2	TWD	25	FB5 -1.14	TEC	TEH	WAR				32	HOT	560XB
99	34	0.31	113	P1	NQI		TSC +0.26	TEC	TEH					16	HOT	560XB
		3.84	126	30	VOL		TSC +0.19	TEC	01C					37	HOT	560XP
		1.23	92	Q2	TWD	21	TSC +0.33	TEC	01C			LAR		37	HOT	560XP
		0.43	130	P1	NQI		TSC +0.32	TEC	TEH					38	HOT	560XB
99	64	0.21	94	P2	TWD	10	FB5 +1.75	TEC	TEH	WAR				28	HOT	560XB
99	68	0.29	99	P2	TWD	15	FB5 +1.17	TEC	TEH	WAR				54	HOT	560XB
		0.43	321	Q4	VOL		FB5 +1.69	FB5	FB5	WAR				811	HOT	560XP
		0.35	66	Q12	VOL		FB5 +1.32	FB5	FB5	WAR				53	HOT	560XP
100	69	0.51	94	P2	TWD	21	FB6 +1.69	TEC	TEH	WAR				32	HOT	560XB
		0.39	93	P2	TWD	17	FB5 +0.72	TEC	TEH	WAR				32	HOT	560XB
101	80	0.22	99	P2	TWD	11	FB6 -0.42	TEC	TEH	WAR				527	HOT	560UL
102	69	0.55	58	Q6	VOL		FB4 +0.94	FB4	FB4	WAR				31	HOT	560XP
		0.23	124	P2	TWD	11	FB4 +1.00	TEC	TEH	WAR				32	HOT	560XB
108	71	0.25	94	P2	TWD	13	FB5 +0.66	TEC	TEH	WAR				54	HOT	560XB
108	73	0.29	103	P2	TWD	13	FB4 +1.64	TEC	TEH	WAR				555	HOT	560UL
110	65	0.37	95	P2	TWD	16	FB5 -1.21	TEC	TEH	WAR				28	HOT	560XB
		0.23	101	P2	TWD	11	FB4 -1.57	TEC	TEH	WAR				28	HOT	560XB
		0.21	106	P2	TWD	10	FB3 -1.24	TEC	TEH	WAR				28	HOT	560XB
		0.32	68	Q14	VOL		FB4 -1.11	FB4	FB4	WAR				27	HOT	560XP
		0.45	94	Q14	VOL		FB3 -1.27	FB3	FB3	WAR				27	HOT	560XP
113	64	0.20	91	P2	TWD	9	FB5 -1.65	TEC	TEH	WAR				28	HOT	560XB
114	61	0.34	90	P2	TWD	15	FB4 -1.14	TEC	TEH	WAR				28	HOT	560XB
114	69	0.18	106	P2	TWD	9	FB4 +1.45	TEC	TEH	WAR				32	HOT	560XB
		0.21	90	P2	TWD	10	FB5 +0.69	TEC	TEH	WAR				32	HOT	560XB

Total Tubes : 46
 Total Records: 75

Steam Generator D Service Induced Indications

QUERY: QueryM1(1)

ROW	COL	VOLTS	DEG	CHN	IND	*TW	LOCATION	EXT	EXT	UTIL	1	UTIL	2	CAL #	LEG	PROBE
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