Duke Energy®

JAMES R MORRIS
Vice President

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

803 831 4251
803 831 3221 fax

February 11, 2008

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

Subject: Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC
Catawba Nuclear Station, Unit 2
Docket Number 50-414
Inservice Inspection Report and Steam Generator In-service Inspection Summary Report for End of Cycle 15 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.

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) 831-3084.

Very truly yours,

J.R. Morris

LJR/s

Attachments

A047

NRR

xc (with attachments):

V.M. McCree, Acting 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

bxc (without attachments):

R.D. Hart
L.J. Rudy
M.A. Pyne
A.J. Hogge, Jr.
P.W. Downing, Jr.
C.B. Cauthen
R.N. McGill
RGC File
NCMPA-1
NCEMC
PMPA
SREC

bxc (with attachments):

Document Control File 801.01
ELL-EC050

Attachment 1

Catawba Unit 2 End of Cycle 15 Inservice Inspection Report

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy, 526 S. Church St., Charlotte, NC 28201-1006
(Name and Address of Owner)

2. Plant: Catawba Nuclear Station, 4800 Concord Road, York, SC 29745
(Name and Address of Plant)

3. Plant Unit: 2 4. Owner Certificate of Authorization (if required): N/A

5. Commercial Service Date: 8/19/86 6. National Board Number for Unit: 173

7. Components Inspected:

Component or Appurtenance	Manufacturer Installer	Manufacturer Installer Serial No.	State or Province No.	National Board No.
	See Section 1.1 in the Attached Report			

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

Total number of pages contained in this report 349

FORM NIS-1 (Back)

8. Examination Dates: April 24, 2006 to 11/17/2007

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: March 1, 2006 / Revision 0

13. Abstract of Examinations and Tests. 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 Examinations and Tests: See Section 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 1/30/08 Signed Duke Energy Owner By

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 employed by * HSB of Connecticut have inspected the components described in this Owner's Report during the period 4-24-06 to 1-31-08, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's 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, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

Robert McHill Commissions NC978 INA

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

Date 1-31-08

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut
200 Ashford Center North
Suite 205
Atlanta, GA. 30338-4860
(800) 417-3721
www.hsbct.com

INSERVICE INSPECTION REPORT

CATAWBA - UNIT 2

2007 REFUELING OUTAGE

EOC15 (OUTAGE 2)

Location: 4800 Concord Road, York, South Carolina 29745

NRC Docket No. 50-414

National Board No. 173

Commercial Service Date: August 19, 1986

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

Revision 0

Originated By:	G. J. Hogge, Jr.	Date	1/29/08
Checked By:	J. E. Cherry, Jr.	Date	1/29/08
Approved By:	[illegible]	Date	1/30/08

DISTRIBUTION LIST

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   Section XI Program (SXIP)(Original)

2. NRC Document Control Desk

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1.0 General Information

This report describes the Inservice Inspection of Duke Energy's Catawba Nuclear Station Unit 2 during Outage 2 / EOC15. This is the Second Outage of the First Inspection Period of the Third Ten-Year Interval. ASME Section XI, 1998 Edition with 2000 Addenda, was the governing Code for selection and performance of the ISI examinations.

Included in this report are 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	Combustion Engineering	8871	N/A	21667
Pressurizer	Westinghouse	1931	N/A	W26949
Steam Generator 2A	Westinghouse	1923	N/A	4
Steam Generator 2B	Westinghouse	1922	N/A	3
Steam Generator 2C	Westinghouse	1921	N/A	2
Steam Generator 2D	Westinghouse	1924	N/A	5
Reactor Coolant Pump 2A	Ionics, Inc.	1S-86P765	N/A	342
Reactor Coolant Pump 2B	Ionics, Inc.	2S-86P765	N/A	343

1.1 Identification Numbers (Continued)

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Coolant Pump 2C	Ionics, Inc.	3S-86P765	N/A	586
Reactor Coolant Pump 2D	Ionics, Inc.	4S-86P765	N/A	587
Reactor Coolant System	Duke Power Co.	C-2NC	N/A	171
Safety Injection System	Duke Power Co.	C-2NI	N/A	172
Residual Heat Removal System	Duke Power Co.	C-2ND	N/A	154
Chemical and Volume Control System	Duke Power Co.	C-2NV	N/A	170
Auxiliary Feedwater System	Duke Power Co.	C-2CA	N/A	159
Feedwater System	Duke Power Co.	C-2CF	N/A	158
Refueling Water System	Duke Power Co.	C-2FW	N/A	141
Main Steam Supply to Auxiliary Equipment	Duke Power Co.	C-2SA	N/A	134
Main Steam System	Duke Power Co.	C-2SM	N/A	162
Main Steam Vent to Atmosphere System	Duke Power Co.	C-2SV	N/A	156
Containment Spray System	Duke Power Co.	C-2NS	N/A	150
Steam Generator Blowdown System	Duke Power Co.	C-2BB	N/A	155
Steam Generator Wet Layup Recirculation System	Duke Power Co.	C-2BW	N/A	152

1.1 Identification Numbers (Continued)

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Spent Fuel Cooling System	Duke Power Co.	C-2KF	N/A	151
Boron Recycle System	Duke Power Co.	C-2NB	N/A	153
Nuclear Sampling System	Duke Power Co.	C-2NM	N/A	169
Containment Penetration Valve Injection Water System	Duke Power Co.	C-2NW	N/A	165
Liquid Radwaste System	Duke Power Co.	C-2WL	N/A	168
Excess Letdown Heat Exchanger	Atlas Industrial Manufacturing Company	3205	N/A	2583
Seal Water Heat Exchanger	Atlas Industrial Manufacturing Company	3621	N/A	2977
Vertical Letdown Heat Exchanger	Joseph Oat Corporation	2268-2B	N/A	944
Regenerative Heat Exchanger	Joseph Oat Corporation	2255-1C3	N/A	877
Residual Heat Removal Heat Exchanger	Joseph Oat Corporation	2A 2267-3C 2B 2267-3D	N/A N/A	848 849
Containment Spray Heat Exchanger	Joseph Oat Corporation	2A 2636-B 2B 2636-C	N/A N/A	3449 3456
Seal Water Injection Filter	Pall Trinity Micro Corporation	2A 35367 2B 35366	N/A N/A	19025 19024
Volume Control Tank	Richmond Engineering Company	N-2286.30	N/A	77171

1.1 Identification Numbers (Continued)

Item	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Pump	Ingersoll-Rand	2A 077647	N/A	237
		2B 077648	N/A	238
Containment Spray Pump	Bingham-Willamette	2A 230342	N/A	215
		2B 230343	N/A	216
Safety Injection Pump	Pacific Pumps	2A 49361	N/A	240
		2B 49362	N/A	241
Centrifugal Charging Pump	Pacific Pumps	2A 49780	N/A	262
		2B 49779	N/A	259

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 qualified in accordance with the requirements of ASME Section XI, IWA-2300, 1998 Edition through the 2000 Addenda. Ultrasonic examiners, procedures and equipment were qualified in accordance with the requirements of Appendix VIII, as administered by the Performance Demonstration Initiative (PDI) for components within the scope of Appendix VIII.

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

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

1.3 Reference Documents

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

Duke Energy's Catawba Nuclear Station, Unit 2 Docket Number 50-414, Request for Relief Serial Number (To Be Filed Later) Limited Weld Coverage During End-of-Cycle 15 Refueling Outage

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 (HSB CT) is responsible for the third party inspections required by ASME Section XI.

Authorized Nuclear Inservice Inspector(s)

Name:	R. N. McGill / R. Senn
Employer:	HSB CT
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 / Elective Inspections are also included.

Class 1 Inspections

Examination Category	*Description*	*Inspections Required*	*Inspections Completed*	*Percentage Completed*	*[1]Deferral Allowed*
B-A	Pressure Retaining Welds in Reactor Vessel	25	7	28%	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 Inspection Program B	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" in Diameter	217	108	49.77%	Yes
B-G-2	Pressure Retaining Bolting 2" and Less in Diameter	29	10	34.48%	No
B-J	Pressure Retaining Welds in Piping	237	62	26.16%	No

Class 1 Inspections (Continued)

Examination Category	*Description*	*Inspections Required*	*Inspections Completed*	*Percentage Completed*	*[1]Deferral Allowed*
B-K	Integral Attachments for Piping, Pumps and Valves	5	1	20%	No
B-L-1	Pressure Retaining Welds in Pump Casings	N/A	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 Body > 4 in. Nominal Pipe Size	7	1	14.29%	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	3	100%	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	71	19	26.76%	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 Nuclear Technical Services as required by the Station Technical Specifications and is not included in this report.**

Class 2 Inspections

Examination Category	*Description*	*Inspections Required*	*Inspections Completed*	*Percentage Completed*
C-A	Pressure Retaining Welds in Pressure Vessels	32	10	31.25%
C-B	Pressure Retaining Nozzle Welds in Vessels	14	5	35.71%
C-C	Integral Attachments for Vessels, Piping, Pumps, and Valves	31	11	35.48%
C-D	Pressure Retaining Bolting Greater Than 2" in Diameter	N/A	N/A	N/A
C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping	300	90	30%
C-F-2	Pressure Retaining Welds in Carbon or Low Alloy Steel Piping	62	20	32.26%
C-G	Pressure Retaining Welds in Pumps and Valves	20	7	35.00%
C-H	All Pressure Retaining Components	REFERENCE SECTION 6.0 OF THIS REPORT		
F-A	Class 2 Component Supports	251	88	35.06%

Augmented / Elective Inspections

Description	*Percentage Complete*
Postulated Pipe Failures	100% of requirements for Outage 2/EOC15
NRC Bulletin 88-08 Thermal Stress Piping in Reactor Coolant System	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Head Penetration – Ultrasonic Inspection - NRC Order EA-03-009	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Head Surface - Bare Metal Visual - NRC Order EA-03-009	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Head Vent Line Nozzle to Head Weld – Ultrasonic Inspection - NRC Order EA-03-009	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Head Vent Line Nozzle to Head Weld – Dye Penetrant Inspection - NRC Order EA-03-009	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Head Vent Line Nozzle to Head Weld – Bare Metal Visual Inspection - NRC Order EA-03-009	100% of requirements for Outage 2/EOC15
Pressurizer Bare Metal Visual Examinations (NRC Bulletin 2004-01)	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Inlet and Outlet Nozzle to Safe End Welds – Bare Metal Visual Inspection – MRP-139	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Vent Nozzle - Bare Metal Visual Examination – MRP-139	100% of requirements for Outage 2/EOC15
Reactor Pressure Vessel Closure Head Stud Inspection Per Nuclear Guide 1.65	100% of requirements for Outage 2/EOC15

3.0 Final Inservice Inspection Plan

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

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 / Elective Requirements
ID NUMBER	=	Unique Identification Number
SYS	=	Component System Identification
ISO / DWG NUMBERS	=	Location and / or Detail Drawings
PROC	=	Examination Procedures
INSP REQ	=	Examination Technique – Magnetic Particle, Dye Penetrant, etc.
MAT/ SCH	=	General Description of Material
DIA / THICK	=	Diameter / Thickness
CAL BLOCKS	=	Calibration Block Number
COMMENTS	=	General and / or Detail Description

DUKE ENERGY
NUCLEAR TE NICAL SERVICES
Inservice Inspection Database Management System
Plan Report
Catawba 2, 3rd Interval, Outage 2 (EOC-15)

This report includes all changes through addendum 3CNS2-024

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G2.1.0032 2SM-4C-C	SM Class 2	CN-2SM-054 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		G02.001.032, G02.001.032A Grinnell Piece Mark CW-SM-4C Weld C. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0032 2SM-4C-C	SM Class 2	CN-2SM-054 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	Component PDI-UT-1-C	G02.001.032, G02.001.032A Grinnell Piece Mark CW-SM-4C Weld C. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0033 2SM54-01	SM Class 2	CN-2SM-054 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		G02.001.033, G02.001.033A 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 Penetration			
C2.G2.1.0033 2SM54-01	SM Class 2	CN-2SM-054 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	Component PDI-UT-1-C	G02.001.033, G02.001.033A 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 Penetration			
C2.G2.1.0034 2SM56-04	SM Class 2	CN-2SM-056 CN-ISIN3-2593-1.0	NDE-25	MT	CS		2.375 / 34.000		G02.001.034, G02.001.034A 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.
						Valve 2SM007 to Pipe			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G2.1.0034 2SM56-04	SM Class 2	CN-2SM-056 CN-ISIN3-2593-1.0	NDE-600	UT	CS		2.375 / 34.000	Component 50473	G02.001.034, G02.001.034A 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.
						Valve 2SM007 to Pipe			
C2.G2.1.0035 2SM56-03	SM Class 2	CN-2SM-056 CN-ISIN3-2593-1.0	NDE-25	MT	CS		2.375 / 34.000		G02.001.035, G02.001.035A 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 2SM007			
C2.G2.1.0035 2SM56-03	SM Class 2	CN-2SM-056 CN-ISIN3-2593-1.0	NDE-600	UT	CS		2.375 / 34.000	Component 50473	G02.001.035, G02.001.035A 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 2SM007			
C2.G2.1.0036 2SM-8A-A	SM Class 2	CN-2SM-057 CN-ISIN3-2593-1.0	NDE-25	MT	CS		2.375 / 34.000		G02.001.036, G02.001.036A Grinnell Piece Mark CW-SM-8A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Pipe			
C2.G2.1.0036 2SM-8A-A	SM Class 2	CN-2SM-057 CN-ISIN3-2593-1.0	NDE-600	UT	CS		2.375 / 34.000	Component 50473	G02.001.036, G02.001.036A Grinnell Piece Mark CW-SM-8A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Pipe			
C2.G2.1.0037 2SM57-10	SM Class 2	CN-2SM-057 CN-ISIN3-2593-1.0	NDE-25	MT	CS		2.375 / 34.000		G02.001.037, G02.001.037A 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			

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G2.1.0037									G02.001.037, G02.001.037A
2SM57-10	SM Class 2	CN-2SM-057 CN-ISIN3-2593-1.0	NDE-600	UT	CS		2.375 / 34.000	Component 50473	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			
C2.G2.1.0038									G02.001.038, G02.001.038A
2SM-7A-A	SM Class 2	CN-2SM-057 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.750 / 34.000		Grinnell Piece Mark CW-SM-7A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0038									G02.001.038, G02.001.038A
2SM-7A-A	SM Class 2	CN-2SM-057 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.750 / 34.000	Component PDI-UT-1-C	Grinnell Piece Mark CW-SM-7A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0039									G02.001.039, G02.001.039A
2SM59-04	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.750 / 34.000		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			
C2.G2.1.0039									G02.001.039, G02.001.039A
2SM59-04	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.750 / 34.000	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			
C2.G2.1.0040									G02.001.040, G02.001.040A
2SM59-03	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.750 / 34.000		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			

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G2.1.0040									G02.001.040, G02.001.040A
2SM59-03	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.750 / 34.000	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			
C2.G2.1.0041									G02.001.041, G02.001.041A
2SM-5A-A	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		Grinnell Piece Mark CW-SM-5A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0041									G02.001.041, G02.001.041A
2SM-5A-A	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	Component PDI-UT-1-C	Grinnell Piece Mark CW-SM-5A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0042									G02.001.042, G02.001.042A
2SM59-02	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		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			
C2.G2.1.0042									G02.001.042, G02.001.042A
2SM59-02	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	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			
C2.G2.1.0043									G02.001.043, G02.001.043A
2SM-4A-A	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		Grinnell Piece Mark CW-SM-4A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G2.1.0043 2SM-4A-A	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	Component PDI-UT-1-C	G02.001.043, G02.001.043A Grinnell Piece Mark CW-SM-4A Weld A. Procedure NDE-600 uses the component for calibration. Procedure PDI-UT-1 may be used in lieu of NDE-600. If PDI-UT-1 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.G2.1.0044 2SM59-01	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		G02.001.044, G02.001.044A 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 Penetration			
C2.G2.1.0044 2SM59-01	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	Component PDI-UT-1-C	G02.001.044, G02.001.044A 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 Penetration			
C2.G2.1.0045 2SM59-27	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		G02.001.045, G02.001.045A 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			
C2.G2.1.0045 2SM59-27	SM Class 2	CN-2SM-059 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	Component PDI-UT-1-C	G02.001.045, G02.001.045A 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			
C2.G3.1.0001 2NC141-07	NC Class 1	CN-2NC-141 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	G03.001.001 Loop 2A
						Nozzle to Pipe			
C2.G3.1.0002 2NC141-BEND-AA	NC Class 1	CN-2NC-141 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	G03.001.002 Loop 2A Pipe Bend

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category AUG										
C2.G3.1.0003 2NC141-06	NC Class 1	CN-2NC-141 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2A	G03.001.003
						Pipe to Elbow				
C2.G3.1.0004 2NC141-05	NC Class 1	CN-2NC-141 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2A	G03.001.004
						Pipe to Elbow				
C2.G3.1.0005 2NC145-06	NC Class 1	CN-2NC-145 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2B	G03.001.005
						Nozzle to Pipe				
C2.G3.1.0006 2NC145-BEND-BB	NC Class 1	CN-2NC-145 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2B Pipe Bend	G03.001.006
C2.G3.1.0007 2NC145-05	NC Class 1	CN-2NC-145 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2B	G03.001.007
						Pipe to Pipe				
C2.G3.1.0008 2NC145-BEND-CC	NC Class 1	CN-2NC-145 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2B Pipe Bend	G03.001.008
C2.G3.1.0009 2NC146-06	NC Class 1	CN-2NC-146 CN-ISIN3-2562-1.0	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2C	G03.001.009
						Nozzle to Pipe				

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category AUG										
C2.G3.1.0010										G03.001.010
2NC146-BEND-AA	NC	CN-2NC-146	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2C Pipe Bend	
	Class 1	CN-ISIN3-2562-1.0								
C2.G3.1.0011										G03.001.011
2NC146-05	NC	CN-2NC-146	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2C	
	Class 1	CN-ISIN3-2562-1.0								
						Pipe to Pipe				
C2.G3.1.0012										G03.001.012
2NC146-BEND-BB	NC	CN-2NC-146	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2C Pipe Bend	
	Class 1	CN-ISIN3-2562-1.0								
C2.G3.1.0013										G03.001.013
2NC140-05	NC	CN-2NC-140	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2D	
	Class 1	CN-ISIN3-2562-1.0								
						Nozzle to Pipe				
C2.G3.1.0014										G03.001.014
2NC140-BEND-CC	NC	CN-2NC-140	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2D Pipe Bend	
	Class 1	CN-ISIN3-2562-1.0								
C2.G3.1.0015										G03.001.015
2NC140-BEND-BB	NC	CN-2NC-140	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2D Pipe Bend	
	Class 1	CN-ISIN3-2562-1.0								
C2.G3.1.0016										G03.001.016
2NC140-04	NC	CN-2NC-140	NDE-910	UT	SS		0.281 / 1.500	50202	Loop 2D	
	Class 1	CN-ISIN3-2562-1.0								
						Pipe to Pipe				

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G5.1.0001									G05.001.001
RPV-HEAD-PEN Circumferential	NC Class 1	CN-ISIN3-2553-1.0 CNM 2201.01-94	See Com	UT	CS-Inconel		0.000 / 0.000		RPV Head Penetration (Nozzle Base Material) per NRC Order EA-03-009 including an assessment by ultrasonic testing to determine if leakage has occurred into or a leak path exists in the interference fit zone, defined by the annulus between the RPV head penetration nozzle and the RPV head low alloy steel. Vendor and special equiment required. Examinations to be done within five years of 2/11/2003, an thereafter at least every four (4) refueling outages of seven (7) years, whichever occurs first. The inspections will begin in EOC15. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. Addendum to the Examination for Loose Guide Funnels or Cracked Thermal Sleeves During each volumetric examination as required by NRC Order EA-03-009, the examination scope shall be expanded to include visual examination of the inner surface of the CRD thermal sleeve assemblies for evidence of loose guide funnels or cracked thermal sleeves (Reference PIP M-07-1727 CA 11). This examination shall consist of remote visual examination of 360 Degrees of the guide funnel to thermal sleeve seating gap and 360 Degrees of an area 1 to 1-1/2 inches above the guide funnel seating surface. This examination shall be conducted on all thermal sleeves with the manipulator used to complete volumetric examination of the reactor vessel penetrations. The manipulator and software shall be capable of tracking which thermal sleeves have been examined. The examination shall be recorded and each examination labeled as to which thermal sleeve it belongs. Acceptable thermal sleeve assemblies shall be free from anomalies indicative of loosened or backed-off guide funnels and evidence of cracking on the inside surface of the thermal sleeve. Addendum to the Examination for Thermal Sleeve Wear at the CRDM Head Adapter Tube During each volumetric examination as required by NRC Order EA-03-009, the examination scope shall be expanded to include visual interrogation of each thermal sleeve outer surface in the area of interface with the CRDM head adapter tube for evidence of wear. (Reference PIP G-07-0332 CA 7 on Vogtle).

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category **AUG**									
									This examination shall consist of remote visual examination of 360 Degrees of the head adapter to thermal sleeve interface as the blade probe used for the volumetric exam is positioned in the gaps between the thermal sleeves and head adapter tubes. This examination shall be conducted on all thermal sleeves. The manipulator and software shall be capable of tracking which thermal sleeves have been examined. Those thermal sleeves showing evidence of wear shall be reported to the RPVH job sponsor. Acceptable thermal sleeve assemblies shall be free from anomalies indicative of material loss due to wear of the outer thermal sleeve surface by contact with the bottom end of the CRDM head adapter tubes. (For responsible individual, contact R.L. Doss and Reactor Vessel Engineering/Materials Group.). Referenece NRC Order EA-03-009. Inspect during EOC-15 and EOC-19 (3rd Interval).
C2.G5.1.0002									G05.001.002
RPV-HEAD-PEN	NC	CN-ISIN3-2553-1.0	SEE COM VT	VT-2	CS-Inconel		0.000 / 0.000		Bare metal visual examination of 100% of the reactor pressure vessel head surface (including 360 degrees around each RPV head penetration nozzle). MP/0/A/7150/042D Reactor Vessel Head Penetration Visual Inspection. Examination to be done at least every three (3) refueling outages or five (5) years, whichever occurs first. The inspections will begin in EOC15. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. (For responsible individual, contact R. L. Doss and Reactor Vessel Engineering/Materials Group). Reference NRC Order EA-03-009. This examination will utilize a site specific procedure and methods stipulated by the reactor vessel responsible engineer. NRC Order requires reporting of inspection results 60 days after restart of unit. Inspect during EOC-15 and EOC-18 (3rd Interval).
Circumferential	Class 1	CNM 2201.01-94							

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G5.2.0001									G05.002.001
2RPV-HEAD-VENT-NOZZLE-UT	NC		SEE COM UT	UT	CS-Inconel		0.050 / 1.000		RPV Head Vent Line Nozzle to Head Weld. Ultrasonically examine from the inside of the RPV Head (Use AREVA Procedure 54-ISI-603-003). Examinations to be done within five years of 2/11/2003, an thereafter at least every four (4) refueling outages of seven (7) years, whichever occurs first. The inspections will begin in EOC15. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. Vendor and special equipment required. (For responsible individual, contact R.L. Doss and Reactor Vessel Engineering/Materials Group.). Reference NRC Order EA-03-009. Inspect during EOC-15 and EOC-19 (3rd Interval), and EOC23 and EOC27 (4th Interval).
Circumferential	Class 1	CN-ISIN3-2553-1.0 CNM 2201.01-67							
C2.G5.2.0002									G05.002.002
2RPV-HEAD-VENT-NOZZLE-PT	NC		SEE COM PT	PT	CS-Inconel		0.050 / 1.000		RPV Head Vent Line Nozzle to Head Weld. Dye Penetrant test from the inside of the RPV Head (Use AREVA Procedure 54-PT-200-06). Examinations to be done within five years of 2/11/2003, an thereafter at least every four (4) refueling outages or seven (7) years, whichever occurs first. The inspections will begin in EOC15. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. Vendor and special equipment required. (For responsible individual, contact R.L. Doss and Reactor Vessel Engineering/Materials Group.). Reference NRC Order EA-03-009. Inspect during EOC-15 and EOC-19 (3rd Interval), and EOC23 and EOC27 (4th Interval).
Circumferential	Class 1	CN-ISIN3-2553-1.0 8871-101-005							

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G5.2.0003									G05.002.003
2RPV-HEAD-VENT-NOZZLE-VIS	NC		SEE COM VT	VT-2	CS-Inconel		0.050 / 1.000		RPV Head Vent Line Nozzle to Head Weld. Bare Metal Visual examine at the top of the RPV Head to interrogate the vent line annulus. Examinations to be done within five years of 2/11/2003, an thereafter at least every four (4) refueling outages or seven (7) years, whichever occurs first. The inspections will begin in EOC15. Time between inspections may be shortened, but not lengthened. If time between inspections is shortened, next inspection will occur at frequencies stipulated above. Vendor and special equipment required. MP/O/A/7150/042D Reactor Vessel Head Penetration Visual Inspection. (For responsible individual, contact R.L. Doss and Reactor Vessel Engineering/Materials Group.). Reference NRC Order EA-03-009. Inspect during EOC-15 and EOC-19 (3rd Interval), and EOC23 and EOC27 (4th Interval).
Circumferential	Class 1	CN-ISIN3-2553-1.0 8871-101-005							
C2.G6.2.0001									G06.002.001
2PZR-MANWAY	NC Class 1	CNM 2201.01-110/1 CNM 2201.01-110/2	NDE-68	VT-2	NA		0.000 / 0.000		Pressurizer Manway Diaphram Seal Weld. Bare Metal Visual Examination by VT-2 qualified inspector. Examine the gap between the Pressurizer Manway Cover and Manway for evidence of diaphram plate seal weld leakage. (For responsibile individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services). Reference NRC Bulletin 2004-01)
C2.G8.2.0001									G08.002.001
2RPV202-121ASE	NC	E 8871-171-009	NDE-68	VT-2	SS-CS		2.625 / 29.000		RV Outlet Nozzle To Safe End At 158 Degrees (Loop A). Reactor Building Coordinate is 22 Degrees. To Be Done With C2.B9.11.0001 Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
Circumferential	Class 1	CNM 2201.01-74/5 CNM 2201.01-0205							
Dissimilar Terminal End						Nozzle to Safe End			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G8.2.0002 2RPV-202-121BSE Circumferential Dissimilar Terminal End	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS	Nozzle to Safe End	2.625 / 29.000		G08.002.002 RV Outlet Nozzle To Safe End At 22 Degrees (Loop B). Reactor Building Coordinate is 158 Degrees. To Be Done With C2.B9.11.0005. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
C2.G8.2.0003 2RPV-202-121CSE Circumferential Dissimilar Terminal End	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS	Nozzle to Safe End	2.625 / 29.000		G08.002.003 RV Outlet Nozzle To Safe End At 338 Degrees (Loop C). Reactor Building Coordinate is 202 Degrees. To Be Done With C2.B9.11.0009. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
C2.G8.2.0004 2RPV-202-121DSE Circumferential Dissimilar Terminal End	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS	Nozzle to Safe End	2.625 / 29.000		G08.002.004 RV Outlet Nozzle To Safe End At 202 Degrees (Loop D). Reactor Building Coordinate is 338 Degrees. To Be Done With C2.B9.11.0013. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
C2.G8.3.0001 2RPV-201-121ASE Circumferential Dissimilar Terminal End	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS	Nozzle to Safe End	2.500 / 27.500		G08.003.001 RV Inlet Nozzle To Safe End At 113 Degrees (Loop A). Reactor Building Coordinate is 67 Degrees. To Be Done With C2.B9.11.0004. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G8.3.0002									G08.003.002
2RPV-201-121BSE Circumferential	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS		2.500 / 27.500		RV Inlet Nozzle To Safe End At 67 Degrees (Loop B). Reactor Building Coordinate is 113 Degrees. To Be Done With C2.B9.11.0008. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
Dissimilar Terminal End						Nozzle to Safe End			
C2.G8.3.0003									G08.003.003
2RPV-201-121CSE Circumferential	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS		2.500 / 27.500		RV Inlet Nozzle To Safe End At 293 Degrees (Loop C). Reactor Building Coordinate is 247 Degrees. To Be Done With C2.B9.11.0012. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
Dissimilar Terminal End						Nozzle to Safe End			
C2.G8.3.0004									G08.003.004
2RPV-201-121DSE Circumferential	NC Class 1	E 8871-171-009 CNM 2201.01-74/5 CNM 2201.01-0205	NDE-68	VT-2	SS-CS		2.500 / 27.500		RV Inlet Nozzle To Safe End At 247 Degrees (Loop D). Reactor Building Coordinate is 293 Degrees. To Be Done With C2.B9.11.0016. Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J. M. Shuping, Alloy 600 Engineer Nuclear Technical Services).
Dissimilar Terminal End						Nozzle to Safe End			

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G8.5.0001									G08.005.001
2RPV-VENT-NOZZLE	NC	CNM 2201.01-67	SEE COM VT	VT-2	CS-Inconel		0.050 / 1.000		Bare Metal Visual Examination by VT-2 qualified inspector per requirements of MRP-139. (For responsible individual, contact J.M. Shuping, Alloy 600 Engineer Nuclear Technical Services). The one inch Vent Nozzle and Vent Line. The visual inspection consists of the nozzle to Reactor Pressure Vessel Head and a series of full penetration Alloy 600 Welds connecting piping. The extent of the piping inspection is from the Reactor Pressure Vent Nozzle to the Flange. Use Reactor Vessel Head Penetration Visual Inspection Procedure MP/0/A/7150/042D. These welds will also receive a visual inspection according to NRC Revised Order EA-03-009. (See Item Number G05.001.002).
Circumferential	Class 1	E8871-107-001 E8871-101-005							
C2.G9.1.0019									G09.001.019
2RPV-179-101-02A	NC Class 1	E8871-171-005 E8871-179-001	NDE-25	MT	CS		57.688 / 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).
C2.G9.1.0020									G09.001.020
2RPV-179-102-02A	NC Class 1	E8871-171-005 E8871-179-001	NDE-25	MT	CS		1.875 / 10.580		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).
C2.G9.1.0021									G09.001.021
2RPV-179-101-08	NC Class 1	E8871-171-005 E8871-179-001	NDE-25	MT	CS		57.688 / 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).
C2.G9.1.0022									G09.001.022
2RPV-179-102-08A	NC Class 1	E8871-171-005 E8871-179-001	NDE-25	MT	CS		1.857 / 10.580		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).
C2.G9.1.0023									G09.001.023
2RPV-179-101-13	NC Class 1	E8871-171-005 E8871-179-001	NDE-25	MT	CS		57.688 / 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).

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category AUG									
C2.G9.1.0024									G09.001.024
2RPV-179-102-13A	NC Class 1	E8871-171-005 E8871-179-001	NDE-25	MT	CS		1.857 / 10.580		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).
Category B-A									
C2.B1.21.0002									B01.021.002
2RPV-102-101 Circumferential	NC Class 1	CNM 2201.01-0051 CNM 2201.01-67 CNM 2201.01-0205	EPRI-RPV-PA-1	UT	CS	Head to Head	7.000 / 0.000	50236A 50376	Upper Head Weld.
C2.B1.22.0001									B01.022.001
2RPV-101-104A	NC Class 1	E 8871-104-001 CNM 2201.01-0205	EPRI-RPV-PA-1	UT	CS	Head to Head	7.000 / 0.000	50236A 50376	Upper Head Meridional Weld At 0 Degrees.
C2.B1.22.0002									B01.022.002
2RPV-101-104B	NC Class 1	E 8871-104-001 CNM 2201.01-0205	EPRI-RPV-PA-1	UT	CS	Head to Head	7.000 / 0.000	50236A 50376	Upper Head Meridional Weld At 90 Degrees.
C2.B1.22.0003									B01.022.003
2RPV-101-104C	NC Class 1	E 8871-104-001 CNM 2201.01-0205	EPRI-RPV-PA-1	UT	CS	Head to Head	7.000 / 0.000	50236A 50376	Upper Head Meridional Weld At 180 Degrees.
C2.B1.22.0004									B01.022.004
2RPV-101-104D	NC Class 1	E 8871-104-001 CNM 2201.01-0205	EPRI-RPV-PA-1	UT	CS	Head to Head	7.000 / 0.000	50236A 50376	Upper Head Meridional Weld At 270 Degrees.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-A									
C2.B1.30.0001									B01.030.001, B01.030.002
2RPV-101-121	NC	CNM 2201.01-0051	NDE-650	UT	CS		10.750 / 0.000		Upper Shell (Nozzle Belt) To Flange. (B01.030.001) UT From Vessel ID. -- (B01.030.002) UT From Flange Surface.
		CNM 2201.01-67						CB-08-99	
Circumferential	Class 1								
		CNM 2201.01-0205							
						Shell to Flange			
C2.B1.40.0001									B01.040.001, B01.040.001A
2RPV-101-101	NC	CNM 2201.01-0051	NDE-25	MT	CS		7.000 / 0.000		Upper Head To Flange.
Circumferential	Class 1	CNM 2201.01-67							
		CNM 2201.01-0205							
						Head to Flange			
C2.B1.40.0001									B01.040.001, B01.040.001A
2RPV-101-101	NC	CNM 2201.01-0051	EPRI-RPV-PA-1	UT	CS		7.000 / 0.000	50376	Upper Head To Flange.
Circumferential	Class 1	CNM 2201.01-67							
		CNM 2201.01-0205							
						Head to Flange			
Category B-B									
C2.B2.11.0002									B02.011.002
2PZR-W8E	NC	CNM 2201.01-110/1	PDI-UT-6	UT	CS		3.750 / 91.500	50337	Pressurizer Upper Head To Shell Circumferential Weld.
		CNM 2201.01-110/2						50236A	
Circumferential	Class 1								
						Head to Shell			
Category B-D									
C2.B3.110.0002									B03.110.002
2PZR-W2	NC	CNM 2201.01-110/1	NDE-640	UT	CS		3.000 / 12.750	50338	Pressurizer Spray Nozzle To Upper Head.
Circumferential	Class 1	CNM 2201.01-110/2							
						Nozzle to Head			
C2.B3.110.0002									B03.110.002
2PZR-W2	NC	CNM 2201.01-110/1	NDE-820	UT	CS		3.000 / 12.750	50338	Pressurizer Spray Nozzle To Upper Head.
Circumferential	Class 1	CNM 2201.01-110/2							
						Nozzle to Head			

Summary ..um Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-D									
C2.B3.110.0006 2PZR-W4C Circumferential	NC Class 1	CNM 2201.01-110/1 CNM 2201.01-110/2	NDE-640	UT	CS		3.000 / 15.000	50338	B03.110.006 Pressurizer Relief Nozzle To Upper Head. W-Z Quadrant.
						Nozzle to Head			
C2.B3.110.0006 2PZR-W4C Circumferential	NC Class 1	CNM 2201.01-110/1 CNM 2201.01-110/2	NDE-820	UT	CS		3.000 / 15.000	50338	B03.110.006 Pressurizer Relief Nozzle To Upper Head. W-Z Quadrant.
						Nozzle to Head			
C2.B3.120.0002 2PZR-W2	NC Class 1	CNM 2201.01-110/1 CNM 2201.01-110/2	NDE-680	UT	CS		3.750 / 12.750	50237D	B03.120.002 Pressurizer Spray Nozzle To Upper Head. (Inside Radius Section)
						Nozzle to Head			
C2.B3.120.0006 2PZR-W4C	NC Class 1	CNM 2201.01-110/1 CNM 2201.01-110/2	NDE-680	UT	CS		3.750 / 15.000	50237D	B03.120.006 Pressurizer Relief Nozzle To Upper Head. (Inside Radius Section) W-Z Quadrant.
						Nozzle to Head			
C2.B3.140.0003 2SGB-INLET	NC Class 1	CNM 2201.01-102/2 CNM 2201.01-106/1	NDE-680	UT	CS		5.160 / 39.000	50235	B03.140.003 Steam Generator 2B Primary Inlet Nozzle To Lower Head. (Inside Radius Section) X-Y Quadrant.
C2.B3.140.0004 2SGB-OUTLET	NC Class 1	CNM 2201.01-102/2 CNM 2201.01-106/1	NDE-680	UT	CS		5.160 / 39.000	50235	B03.140.004 Steam Generator 2B Primary Outlet Nozzle To Lower Head. (Inside Radius Section) Y-Z Quadrant.
Category B-F									
C2.B5.10.0009 2RPV-W80-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	NDE-35	PT	CS-Inconel		0.625 / 6.625		B05.010.009, B05.010.009A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 0 Degrees.. Reference Item Number G07.004.002.
						Nozzle to Safe End			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-F									
C2.B5.10.0009 2RPV-W80-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	PDI-UT-10	UT	CS-Inconel	Nozzle to Safe End	0.625 / 6.625	50374	B05.010.009, B05.010.009A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 0 Degrees. Reference Item Number G07.004.002.
C2.B5.10.0010 2RPV-W81-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	NDE-35	PT	CS-Inconel	Nozzle to Safe End	0.625 / 6.625		B05.010.010, B05.010.010A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 90 Degrees. Reference Item Number G07.004.003.
C2.B5.10.0010 2RPV-W81-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	PDI-UT-10	UT	CS-Inconel	Nozzle to Safe End	0.625 / 6.625	50374	B05.010.010, B05.010.010A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 90 Degrees. Reference Item Number G07.004.003.
C2.B5.10.0011 2RPV-W82-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	NDE-35	PT	CS-Inconel	Nozzle to Safe End	0.625 / 6.625		B05.010.011, B05.010.011A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 180 Degrees. Reference Item Number G07.004.004.
C2.B5.10.0011 2RPV-W82-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	PDI-UT-10	UT	CS-Inconel	Nozzle to Safe End	0.625 / 6.625	50374	B05.010.011, B05.010.011A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 180 Degrees. Reference Item Number G07.004.004.
C2.B5.10.0012 2RPV-W79-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	NDE-35	PT	CS-Inconel	Nozzle to Safe End	0.625 / 6.625		B05.010.012, B05.010.012A RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 270 Degrees. Reference Item Number G07.004.001.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category B-F										
C2.B5.10.0012										B05.010.012, B05.010.012A
2RPV-W79-101SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-86 E 8871-101-001 E 8871-101-005	PDI-UT-10	UT	CS-Inconel		0.625 / 6.625	50374	RV Closure Head Pc. 104-101 To UHI Tube Pc. 108-202 At 270 Degrees. Reference Item Number G07.004.001.	
						Nozzle to Safe End				
C2.B5.70.0005										B05.070.005, B05.070.005A
2SGC-INLET-SE Circumferential Dissimilar	NC Class 1	CNM 2201.01-105/1 CN-2NC-013 CNM 2201.01-0217	NDE-12	RT	SS-CS		2.500 / 31.000		Steam Generator 2C Inlet Nozzle To Safe End. (B05.070.005) To Be Done With B09.011.010. Schedule for re-examination in EOC15, EOC17 and EOC20 in accordance with ASME Section XI, Paragraph IWB-2420(b). -- (B05.070.005A) To Be Done With B09.011.010A.	
						Nozzle to Safe End				
Category B-G-1										
C2.B6.40.0001										B06.040.001
2RPV-THREAD-01	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	
C2.B6.40.0002										B06.040.002
2RPV-THREAD-02	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	
C2.B6.40.0003										B06.040.003
2RPV-THREAD-03	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	
C2.B6.40.0004										B06.040.004
2RPV-THREAD-04	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	
C2.B6.40.0005										B06.040.005
2RPV-THREAD-05	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	

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										
C2.B6.40.0006 2RPV-THREAD-06	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.006
C2.B6.40.0007 2RPV-THREAD-07	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.007
C2.B6.40.0008 2RPV-THREAD-08	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.008
C2.B6.40.0009 2RPV-THREAD-09	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.009
C2.B6.40.0010 2RPV-THREAD-10	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.010
C2.B6.40.0011 2RPV-THREAD-11	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.011
C2.B6.40.0012 2RPV-THREAD-12	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.012
C2.B6.40.0013 2RPV-THREAD-13	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.013

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										
C2.B6.40.0014 2RPV-THREAD-14	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.014
C2.B6.40.0015 2RPV-THREAD-15	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.015
C2.B6.40.0016 2RPV-THREAD-16	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.016
C2.B6.40.0017 2RPV-THREAD-17	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.017
C2.B6.40.0018 2RPV-THREAD-18	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.018
C2.B6.40.0019 2RPV-THREAD-19	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.019
C2.B6.40.0020 2RPV-THREAD-20	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.020
C2.B6.40.0021 2RPV-THREAD-21	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.021

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										
C2.B6.40.0022 2RPV-THREAD-22	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.022
C2.B6.40.0023 2RPV-THREAD-23	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.023
C2.B6.40.0024 2RPV-THREAD-24	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.024
C2.B6.40.0025 2RPV-THREAD-25	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.025
C2.B6.40.0026 2RPV-THREAD-26	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.026
C2.B6.40.0027 2RPV-THREAD-27	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.027
C2.B6.40.0028 2RPV-THREAD-28	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.028
C2.B6.40.0029 2RPV-THREAD-29	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.029

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										
C2.B6.40.0030 2RPV-THREAD-30	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.030
C2.B6.40.0031 2RPV-THREAD-31	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.031
C2.B6.40.0032 2RPV-THREAD-32	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.032
C2.B6.40.0033 2RPV-THREAD-33	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.033
C2.B6.40.0034 2RPV-THREAD-34	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.034
C2.B6.40.0035 2RPV-THREAD-35	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.035
C2.B6.40.0036 2RPV-THREAD-36	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.036
C2.B6.40.0037 2RPV-THREAD-37	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.037

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										
C2.B6.40.0038 2RPV-THREAD-38	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.038
C2.B6.40.0039 2RPV-THREAD-39	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.039
C2.B6.40.0040 2RPV-THREAD-40	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.040
C2.B6.40.0041 2RPV-THREAD-41	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.041
C2.B6.40.0042 2RPV-THREAD-42	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.042
C2.B6.40.0043 2RPV-THREAD-43	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.043
C2.B6.40.0044 2RPV-THREAD-44	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.044
C2.B6.40.0045 2RPV-THREAD-45	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.045

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										
C2.B6.40.0046 2RPV-THREAD-46	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.046
C2.B6.40.0047 2RPV-THREAD-47	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.047
C2.B6.40.0048 2RPV-THREAD-48	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.048
C2.B6.40.0049 2RPV-THREAD-49	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.049
C2.B6.40.0050 2RPV-THREAD-50	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.050
C2.B6.40.0051 2RPV-THREAD-51	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.051
C2.B6.40.0052 2RPV-THREAD-52	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.052
C2.B6.40.0053 2RPV-THREAD-53	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	Threads in Reactor Vessel Flange.	B06.040.053

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									
C2.B6.40.0054 2RPV-THREAD-54	NC Class 1	E 8871-126-002 CNM 2201.01-52	NDE-640	UT	CS		12.000 / 7.000	40387	B06.040.054 Threads in Reactor Vessel Flange.
Category B-G-2									
C2.B7.30.0001 2SGA-MW-X-Y	NC Class 1	CNM 2201.01-59/1 CNM 2201.01-113/1	NDE-62	VT-1	CS		0.000 / 1.880		B07.030.001 Steam Generator 2A Manway Bolting (16 Studs and Nuts). Primary Manway in X-Y Quadrant (Inlet Side). Examine All Bolting Material.
C2.B7.30.0002 2SGA-MW-Y-Z	NC Class 1	CNM 2201.01-59/1 CNM 2201.01-113/1	NDE-62	VT-1	CS		0.000 / 1.880		B07.030.002 Steam Generator 2A Manway Bolting (16 Studs and Nuts). Primary Manway in Y-Z Quadrant (Outlet Side). Examine All Bolting Material.
C2.B7.50.0004 2NV209-MJ1	NV Class 1	CN-2NV-209 CN-ISIN3-2554-1.5	NDE-62	VT-1	CS		5.750 / 1.000		B07.050.011 Flange Bolting (4 Studs, 8 Nuts). Examine All Bolting Material.
C2.B7.50.0005 2NV209-MJ2	NV Class 1	CN-2NV-209 CN-ISIN3-2554-1.5	NDE-62	VT-1	CS		7.250 / 1.000		B07.050.012 Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
C2.B7.50.0006 2NV222-MJ1	NV Class 1	CN-2NV-222 CN-ISIN3-2554-1.5	NDE-62	VT-1	CS		7.250 / 1.000		B07.050.013 Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
C2.B7.50.0007 2NV222-MJ2	NV Class 1	CN-2NV-222 CN-ISIN3-2554-1.5	NDE-62	VT-1	CS		5.750 / 1.000		B07.050.014 Flange Bolting (4 Studs, 8 Nuts). Examine All Bolting Material.
C2.B7.50.0011 2NC257-MJ1 BOLTING	NC Class 1	CN-2NC-257 CN-ISIN3-2553-1.0	NDE-62	VT-1	AS		9.000/1.250		---- Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-G-2									
C2.B7.50.0012 2NC257-MJ2 BOLTING	NC Class 1	CN-2NC-257 CN-ISIN3-2553-1.0	NDE-62	VT-1	AS		9.000/1.250		---- Flange Bolting (8 Studs, 16 Nuts). Examine All Bolting Material.
C2.B7.60.0001 2RCP-2A-S	NC Class 1	CN-2NC-009 CNM 1201.01-115	NDE-62	VT-1	CS		8.000 / 2.000		B07.060.001 Reactor Coolant Pump 2A Seal Housing Bolting. No. 1 Seal Housing Cap Screws (12 Bolts). Inspect Bolting On One Reactor Coolant Pump Only.
C2.B7.60.0002 2RCP-2A-H	NC Class 1	CN-2NC-009 CNM 1201.01-115	NDE-62	VT-1	CS		3.250 / 1.000		B07.060.002 Reactor Coolant Pump 2A Seal Housing Bolting. No. 2 Seal Housing Cap Screws (12 Bolts). Inspect Bolting On One Reactor Coolant Pump Only.
Category B-J									
C2.B9.11.0010 2NC13-2 Circumferential Dissimilar Terminal End	NC Class 1	CN-2NC-013 CN-ISIN3-2553-1.0 CNM 2201.01-0217	NDE-12	RT	SS-CS	Safe End to Pipe	2.500 / 31.000		B09.011.010, B09.011.010A Reactor Coolant Loop 2C Hot Leg. Steam Generator 2C Inlet Nozzle Safe End To Pipe. (B09.011.010) To be done with B05.070.005. Schedule for re-examination in EOC15, EOC17 and EOC20 in accordance with ASME Section XI, Paragraph IWB-2420(b). -- (B09.011.010A) To be done with B05.070.005A.
C2.B9.11.0017 2RPV-W79-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	NDE-35	PT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250		B09.011.017, B09.011.017A UHI Tube At 270 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.
C2.B9.11.0017 2RPV-W79-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	PDI-UT-10	UT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250	50374	B09.011.017, B09.011.017A UHI Tube At 270 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0018 2RPV-W80-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	NDE-35	PT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250		B09.011.018, B09.011.018A UHI Tube At 0 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.
C2.B9.11.0018 2RPV-W80-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	PDI-UT-10	UT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250	50374	B09.011.018, B09.011.018A UHI Tube At 0 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.
C2.B9.11.0019 2RPV-W81-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	NDE-35	PT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250		B09.011.019, B09.011.019A UHI Tube At 90 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.
C2.B9.11.0019 2RPV-W81-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	PDI-UT-10	UT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250	50374	B09.011.019, B09.011.019A UHI Tube At 90 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.
C2.B9.11.0020 2RPV-W82-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	NDE-35	PT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250		B09.011.020, B09.011.020A UHI Tube At 180 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.
C2.B9.11.0020 2RPV-W82-101 Circumferential Dissimilar	NC Class 1	CNM 2201.01-67 E 8871-108-002	PDI-UT-10	UT	SS-Inconel	Upper to Lower Adapter	0.625 / 6.250	50374	B09.011.020, B09.011.020A UHI Tube At 180 Degrees. UHI Upper Pc. 108-101 To Lower Adapter Pc. 108-202.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0024 2NC117-6 Circumferential	NC Class 1	CN-2NC-117 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160	0.719 / 6.000		B09.011.024, B09.011.024A 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			
C2.B9.11.0024 2NC117-6 Circumferential	NC Class 1	CN-2NC-117 CN-ISIN3-2553-1.1	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	B09.011.024, B09.011.024A 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			
C2.B9.11.0036 2NC25-4 Circumferential	NC Class 1	CN-2NC-25 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.719 / 6.000		B09.011.036, B09.011.036A 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			
C2.B9.11.0036 2NC25-4 Circumferential	NC Class 1	CN-2NC-25 CN-ISIN3-2553-1.0	NDE-600	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	B09.011.036, B09.011.036A 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			
C2.B9.11.0037 2NC25-5 Circumferential	NC Class 1	CN-2NC-25 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.719 / 6.000		B09.011.037, B09.011.037A 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 Valve 2NI157			
C2.B9.11.0037 2NC25-5 Circumferential	NC Class 1	CN-2NC-25 CN-ISIN3-2553-1.0	NDE-600	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	B09.011.037, B09.011.037A 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 Valve 2NI157			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0044 2NC33-10 Circumferential	NC Class 1	CN-2NC-33 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160 Pipe to Elbow	0.531 / 4.000		B09.011.044, B09.011.044A 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.
C2.B9.11.0044 2NC33-10 Circumferential	NC Class 1	CN-2NC-33 CN-ISIN3-2553-1.1	PDI-UT-2	UT	SS	160 Pipe to Elbow	0.531 / 4.000	Component PDI-UT-2-C	B09.011.044, B09.011.044A 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.
C2.B9.11.0045 2NC33-12 Circumferential	NC Class 1	CN-2NC-33 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160 Pipe to Elbow	0.531 / 4.000		B09.011.045, B09.011.045A 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.
C2.B9.11.0045 2NC33-12 Circumferential	NC Class 1	CN-2NC-33 CN-ISIN3-2553-1.1	PDI-UT-2	UT	SS	160 Pipe to Elbow	0.531 / 4.000	Component PDI-UT-2-C	B09.011.045, B09.011.045A 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.
C2.B9.11.0047 2NC33-16 Circumferential	NC Class 1	CN-2NC-33 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160 Elbow to Pipe	0.531 / 4.000		B09.011.047, B09.011.047A 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.
C2.B9.11.0047 2NC33-16 Circumferential	NC Class 1	CN-2NC-33 CN-ISIN3-2553-1.1	PDI-UT-2	UT	SS	160 Elbow to Pipe	0.531 / 4.000	Component PDI-UT-2-C	B09.011.047, B09.011.047A 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.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0051									B09.011.051, B09.011.051A
2NC42-8	NC	CN-2NC-42	NDE-35	PT	SS	140	1.125 / 12.000		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.
Circumferential	Class 1	CN-ISIN3-2553-1.0							
						Elbow to Tee			
C2.B9.11.0051									B09.011.051, B09.011.051A
2NC42-8	NC	CN-2NC-42	PDI-UT-2	UT	SS	140	1.125 / 12.000	Component	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.
		CN-ISIN3-2553-1.0						PDI-UT-2-C	
Circumferential	Class 1								
						Elbow to Tee			
C2.B9.11.0052									B09.011.052, B09.011.052A
2NC43-13	NC	CN-2NC-43	NDE-35	PT	SS	140	1.125 / 12.000		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.
Circumferential	Class 1	CN-ISIN3-2553-1.0							
						Pipe to Nozzle			
C2.B9.11.0052									B09.011.052, B09.011.052A
2NC43-13	NC	CN-2NC-43	PDI-UT-2	UT	SS	140	1.125 / 12.000	Component	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.
		CN-ISIN3-2553-1.0						PDI-UT-2-C	
Circumferential	Class 1								
						Pipe to Nozzle			
C2.B9.11.0053									B09.011.053, B09.011.053A
2NC44-11	NC	CN-2NC-44	NDE-35	PT	SS	160	0.719 / 6.000		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.
Circumferential	Class 1	CN-ISIN3-2553-1.1							
						Elbow to Pipe			
C2.B9.11.0053									B09.011.053, B09.011.053A
2NC44-11	NC	CN-2NC-44	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component	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.
		CN-ISIN3-2553-1.1						PDI-UT-2-C	
Circumferential	Class 1								
						Elbow to Pipe			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0056 2NC44-19 Circumferential	NC Class 1	CN-2NC-44 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160	0.531 / 4.000		B09.011.056, B09.011.056A 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			
C2.B9.11.0056 2NC44-19 Circumferential	NC Class 1	CN-2NC-44 CN-ISIN3-2553-1.1	PDI-UT-2	UT	SS	160	0.531 / 4.000	Component PDI-UT-2-C	B09.011.056, B09.011.056A 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			
C2.B9.11.0058 2NC44-9 Circumferential	NC Class 1	CN-2NC-44 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160	0.719 / 6.000		B09.011.058, B09.011.058A 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			
C2.B9.11.0058 2NC44-9 Circumferential	NC Class 1	CN-2NC-44 CN-ISIN3-2553-1.1	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	B09.011.058, B09.011.058A 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			
C2.B9.11.0059 2NC45-2 Circumferential	NC Class 1	CN-2NC-45 CN-ISIN3-2553-1.0	NDE-35	PT	SS	140	1.000 / 10.000		B09.011.059, B09.011.059A 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			
C2.B9.11.0059 2NC45-2 Circumferential	NC Class 1	CN-2NC-45 CN-ISIN3-2553-1.0	PDI-UT-2	UT	SS	140	1.000 / 10.000	Component PDI-UT-2-C	B09.011.059, B09.011.059A 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			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0060 2NC45-3 Circumferential	NC Class 1	CN-2NC-45 CN-ISIN3-2553-1.0	NDE-35	PT	SS	140	1.000 / 10.000		B09.011.060, B09.011.060A 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			
C2.B9.11.0060 2NC45-3 Circumferential	NC Class 1	CN-2NC-45 CN-ISIN3-2553-1.0	PDI-UT-2	UT	SS	140	1.000 / 10.000	Component PDI-UT-2-C	B09.011.060, B09.011.060A 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			
C2.B9.11.0061 2NC46-2 Circumferential	NC Class 1	CN-2NC-46 CN-ISIN3-2553-1.0	NDE-35	PT	SS	140	1.000 / 10.000		B09.011.061, B09.011.061A 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			
C2.B9.11.0061 2NC46-2 Circumferential	NC Class 1	CN-2NC-46 CN-ISIN3-2553-1.0	PDI-UT-2	UT	SS	140	1.000 / 10.000	Component PDI-UT-2-C	B09.011.061, B09.011.061A 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			
C2.B9.11.0062 2NC46-4 Circumferential	NC Class 1	CN-2NC-46 CN-ISIN3-2553-1.0	NDE-35	PT	SS	140	1.000 / 10.000		B09.011.062, B09.011.062A 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			
C2.B9.11.0062 2NC46-4 Circumferential	NC Class 1	CN-2NC-46 CN-ISIN3-2553-1.0	PDI-UT-2	UT	SS	140	1.000 / 10.000	Component PDI-UT-2-C	B09.011.062, B09.011.062A 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			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0063									B09.011.063, B09.011.063A
2NC47-4 Circumferential	NC Class 1	CN-2NC-47 CN-ISIN3-2553-1.0	NDE-35	PT	SS	140	1.000 / 10.000		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			
C2.B9.11.0063									B09.011.063, B09.011.063A
2NC47-4 Circumferential	NC Class 1	CN-2NC-47 CN-ISIN3-2553-1.0	PDI-UT-2	UT	SS	140	1.000 / 10.000	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			
C2.B9.11.0098									B09.011.172, B09.011.172A
2NI57-2 Circumferential	NI Class 1	CN-2NI-57 CN-ISIN3-2562-1.1	NDE-35	PT	SS	140	1.000 / 10.000		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			
C2.B9.11.0098									B09.011.172, B09.011.172A
2NI57-2 Circumferential	NI Class 1	CN-2NI-57 CN-ISIN3-2562-1.1	PDI-UT-2	UT	SS	140	1.000 / 10.000	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			
C2.B9.11.0099									B09.011.173, B09.011.173A
2NI59-1 Circumferential	NI Class 1	CN-2NI-59 CN-ISIN3-2562-1.1	NDE-35	PT	SS	140	1.000 / 10.000		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.
						Valve 2NI054A to Pipe			
C2.B9.11.0099									B09.011.173, B09.011.173A
2NI59-1 Circumferential	NI Class 1	CN-2NI-59 CN-ISIN3-2562-1.1	PDI-UT-2	UT	SS	140	1.000 / 10.000	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.
						Valve 2NI054A to Pipe			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.11.0100									B09.011.174, B09.011.174A
2NI59-4	NI	CN-2NI-59	NDE-35	PT	SS	140	1.000 / 10.000		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.
Circumferential	Class 1	CN-ISIN3-2562-1.1							
						Elbow to Pipe			
C2.B9.11.0100									B09.011.174, B09.011.174A
2NI59-4	NI	CN-2NI-59	PDI-UT-2	UT	SS	140	1.000 / 10.000	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.
		CN-ISIN3-2562-1.1							
Circumferential	Class 1								
						Elbow to Pipe			
C2.B9.11.0101									B09.011.175, B09.011.175A
2NI61-3	NI	CN-2NI-61	NDE-35	PT	SS	140	1.000 / 10.000		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.
Circumferential	Class 1	CN-ISIN3-2562-1.1							
						Pipe to Elbow			
C2.B9.11.0101									B09.011.175, B09.011.175A
2NI61-3	NI	CN-2NI-61	PDI-UT-2	UT	SS	140	1.000 / 10.000	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.
		CN-ISIN3-2562-1.1							
Circumferential	Class 1								
						Pipe to Elbow			
C2.B9.11.0102									B09.011.176, B09.011.176A
2NI61-5	NI	CN-2NI-61	NDE-35	PT	SS	140	1.000 / 10.000		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.
Circumferential	Class 1	CN-ISIN3-2562-1.1							
						Pipe to Elbow			
C2.B9.11.0102									B09.011.176, B09.011.176A
2NI61-5	NI	CN-2NI-61	PDI-UT-2	UT	SS	140	1.000 / 10.000	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.
		CN-ISIN3-2562-1.1							
Circumferential	Class 1								
						Pipe to Elbow			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.21.0015 2NC44-21 Circumferential	NC Class 1	CN-2NC-44 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160	0.344 / 2.000		B09.021.015 Pipe to Elbow
C2.B9.21.0016 2NC44-23 Circumferential	NC Class 1	CN-2NC-44 CN-ISIN3-2553-1.1	NDE-35	PT	SS	160	0.344 / 2.000		B09.021.016 Pipe to Elbow
C2.B9.21.0017 2NC51-1 Circumferential Stress Weld	NC Class 1	CN-2NC-51 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000		B09.021.017 Valve 2NV041 to Pipe
C2.B9.21.0018 2NC51-5 Circumferential	NC Class 1	CN-2NC-51 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000		B09.021.018 Elbow to Pipe
C2.B9.21.0019 2NC51-8 Circumferential	NC Class 1	CN-2NC-51 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000		B09.021.019 Pipe to Elbow
C2.B9.21.0020 2NC52-6 Circumferential	NC Class 1	CN-2NC-52 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000		B09.021.020 Pipe to Elbow
C2.B9.21.0021 2NC52-7 Circumferential	NC Class 1	CN-2NC-52 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000		B09.021.021 Elbow to Pipe

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category B-J										
C2.B9.21.0022 2NC52-8 Circumferential	NC Class 1	CN-2NC-52 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000			B09.021.022
Stress Weld										
						Pipe to Valve 2NV034				
C2.B9.21.0023 2NC53-2 Circumferential	NC Class 1	CN-2NC-53 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000			B09.021.023
						Pipe to Elbow				
C2.B9.21.0024 2NC53-22 Circumferential	NC Class 1	CN-2NC-53 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000			B09.021.024
						Pipe to Pipe				
C2.B9.21.0025 2NC53-3 Circumferential	NC Class 1	CN-2NC-53 CN-ISIN3-2553-1.0	NDE-35	PT	SS	160	0.438 / 3.000			B09.021.025
						Elbow to Pipe				
C2.B9.32.0003 2NC9-WN8A Branch	NC Class 1	CN-2NC-9 CN-ISIN3-2553-1.0 CNM 2201-01-104/3	NDE-35	PT	SS	160	2.038 / 3.000		Reactor Coolant Loop 2A Cold Leg.	B09.032.003
						Branch to Pipe				
C2.B9.40.0021 2NI274-1 Socket	NI Class 1	CN-2NI-274 CN-ISIN3-2562-1.0	NDE-35	PT	SS	160	0.344 / 2.000			B09.040.051
						Reducing Insert to Valve 2NI352				
C2.B9.40.0022 2NI274-2 Socket	NI Class 1	CN-2NI-274 CN-ISIN3-2562-1.0	NDE-35	PT	SS	160	0.344 / 2.000			B09.040.052
						Valve 2NI352 to Reducing Insert				

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-J									
C2.B9.40.0023									B09.040.053
2NI274-5 Socket	NI Class 1	CN-2NI-274 CN-ISIN3-2562-1.0	NDE-35	PT	SS	160	0.344 / 2.000		
						Reducing Insert to Valve 2NI017			
Category B-K									
C2.B10.10.0002									B10.010.002
2PZR-W10A	NC Class 1	CNM 2201.01-110/1 CN-ISIN3-2553-1.1 CNM 2201.01-110/2	NDE-25	MT	CS		4.000 / 4.000		Pressurizer Seismic Lug To Shell (Welded Attachment). Y-Z Quadrant.
						Seismic Lug to Shell			
Category B-M-2									
C2.B12.50.0001									B12.050.001A
2NC-1	NC Class 1	CN-2NC-112 CNM-1205.09-01	NDE-64	VT-3	SS	160	0.719 / 6.000		6" Relief Valve. Inspect One Of The Following Valves: 2NC-1, 2NC-2, Or 2NC-3. Inspect Only If Disassembled For Maintenance, Repair, Or Volumetric Examination.
C2.B12.50.0006									B12.050.003B
2ND-37A	ND Class 1	CN-2ND-66 CNM-1205.00-262	NDE-64	VT-3	SS	140	2.043 / 12.000		12" Borg Warner Gate Valve. Inspect One Of The Following Valves: 2ND-1B, 2ND-2A, 2ND-36B, Or 2ND-37A. Inspect Only If Disassembled For Maintenance, Repair, Or Volumetric Examination.
C2.B12.50.0029									B12.050.006F
2NI-82	NI Class 1	CN-2NI-55 CNM-1205.00-62	NDE-64	VT-3	SS	140	1.000 / 10.000		10" Westinghouse Check Valve. Inspect One Of The Following Valves: 2NI-59, 2NI-60, 2NI-70, 2NI-71, 2NI-81, 2NI-82, 2NI-93, Or 2NI-94. Inspect Only If Disassembled For Maintenance, Repair, Or Volumetric Examination.
Category B-N-1									
C2.B13.10.0001									B13.010.001
2RPV-INTERIOR	NC Class 1	CNM 2201.01-51 CNM 2201.01-67 CNM 2201.01-0205	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 Accessible For Examination By Removal Of Components During Normal Refueling Outages. Inspect Each Inspection Period.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category B-O									
C2.B14.10.0001									B14.010.001
2RPV-CRDM58	NC	CNM 2201.01-74/7	NDE-35	PT	SS-Inconel		0.625 / 4.000		CRD Housing Weld (Peripheral).
	Class 1	CNM 2201.01-89							
						Adapter to Housing Body			
C2.B14.10.0002									B14.010.002
2RPV-CRDM62	NC	CNM 2201.01-74/7	NDE-35	PT	SS-Inconel		0.625 / 4.000		CRD Housing Weld (Peripheral).
	Class 1	CNM 2201.01-89							
						Adapter to Housing Body			
C2.B14.10.0003									B14.010.003
2RPV-CRDM70	NC	CNM 2201.01-74/7	NDE-35	PT	SS-Inconel		0.625 / 4.000		CRD Housing Weld (Peripheral).
	Class 1	CNM 2201.01-89							
						Adapter to Housing Body			
Category C-A									
C2.C1.10.0004									C01.010.004
2ELDHX-SH-FLG	NV	CN-ISIN3-2554-1.0	NDE-3630	UT	CS		0.322 / 8.625		Excess Letdown Heat Exchanger Shell Pc.10 to
		CNM 1201.06-37						50327	Flange Pc.3.
Circumferential	Class 2								
						Shell to Flange			
C2.C1.10.0007									C01.010.007
2ARHRHX-5-9	ND	CN-ISIN3-2561-1.0	NDE-12	RT	SS		0.875 / 44.000		Residual Heat Removal Heat Exchanger 2A Shell
Circumferential	Class 2	CNM 1201.06-38							Pc.5 To Flange Pc.9.
						Shell to Flange			
C2.C1.10.0008									C01.010.008
2BNSHX-50-51A	NS	CN-ISIN3-2563-1.0	NDE-3630	UT	SS		0.625 / 0.000	50380	NS Heat Exchanger 2B Shell Cylinder PC.50 to Shell
		CNM 1201.06-0123						50420	Cylinder Pc.51A.
Circumferential	Class 2								
						Shell to Shell			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-A									
C2.C1.20.0002 2ELDHX-HD-FLG Circumferential	NV Class 2	CN-ISIN3-2554-1.0 CNM 1201.06-37	NDE-3630	UT	SS-CS		0.750 / 9.500	CB-08-03 50210	C01.020.002 Excess Letdown Heat Exchanger Elliptical Head Pc.5 To Flange Pc.4.
						Head to Flange			
C2.C1.20.0003 2ELDHX-SH-HD Circumferential	NV Class 2	CN-ISIN3-2554-1.0 CNM 1201.06-37	NDE-3630	UT	CS		0.322 / 8.625	50327	C01.020.003 Excess Letdown Heat Exchanger Shell Pc.10 To Head Pc.11.
						Shell to Head			
C2.C1.20.0013 2ARHRHX-5-6 Circumferential	ND Class 2	CN-ISIN3-2561-1.1 CNM 1201.06-38	NDE-3630	UT	SS		0.770 / 44.000	50380	C01.020.013 Residual Heat Removal Heat Exchanger 2A Shell Pc.5 to Lower Head Pc.6.
						Shell to Lower Head			
C2.C1.20.0019 2VCT-LH-SH Circumferential	NV Class 2	CN-ISIN3-2554-1.1 CNM 2201.04-0007	NDE-3630	UT	SS		0.250 / 90.000	50469	C01.020.014 Volume Control Tank. Lower Head Pc. 2 to Shell Pc. 1 joined by Weld No. 168. Added 3rd Interval. Reference PIP Serial Mo. C-06-05445.
						Lower Head to Shell			
C2.C1.20.0020 2VCT-UH-SH Circumferential	NV Class 2	CN-ISIN3-2554-1.1 CNM 2201.04-0007	NDE-3630	UT	SS		0.250 / 90.000	50469	C01.020.015 Volume Control Tank. Upper Head Pc. 2 to Shell Pc. 1 joined by Weld No. 167. Added 3rd Interval. Reference PIP Serial No. C-06-05445.
						Upper Head to Shell			
C2.C1.30.0008 2BNSHX-2B-51C Circumferential	NS Class 2	CN-ISIN3-2563-1.0 CNM 1201.06-0123.	NDE-3630	UT	SS		0.500 / 49.500	50420	C01.030.008 NS Heat Exchanger 2B Top Tubesheet Pc.2B to Shell Cylinder Pc.51C.
						Tubesheet to Shell			
C2.C1.30.0009 2BNSHX-2A-50 Circumferential	NS Class 2	CN-ISIN3-2563-1.0 CNM 1201.06-0123	NDE-3630	UT	SS		0.625 / 49.675	50380	C01.030.009 2B NS Heat Exchanger Bottom Tubesheet Pc.2A to Shell Cylinder Pc.50.
						Tubsheet to Shell			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-B									
C2.C2.11.0004 2VCT-B-2 Circumferential	NV Class 2	CNM 2201.04-0007 CN-ISIN-2554-1.1	NDE-35	PT	SS		0.312 / 5.000		C02.011.004 Volume Control Tank. Nozzle Pc. B to Upper Head Pc. 2. Reference Drawing No. CNM 2201.04-0008. Added 3rd Interval. Reference PIP Serial No. C-06-05445.
						Nozzle to Upper Head			
C2.C2.31.0001 2NSHXB-NA-1 Circumferential	NS Class 2	CNM 1201.06-0122 CN-ISIN3-2563-1.0	NDE-35	PT	SS		1.000 / 0.000		C02.031.001 Containment Spray Heat Exchanger 2B Inlet Nozzle A Pc.66 to Reinforcing Pad Pc.67.
						Nozzle to Reinforcing Pad			
C2.C2.31.0002 2NSHXB-NB-1 Circumferential	NS Class 2	CNM 1201.06-0122 CN-ISIN3-2563-1.0	NDE-35	PT	SS		1.000 / 0.000		C02.031.002 Containment Spray Heat Exchanger 2B Outlet Nozzle B Pc.66 to Reinforcing Pad Pc.67.
						Nozzle to Reinforcing Pad			
C2.C2.31.0003 2NSHXB-NA-2 Circumferential	NS Class 2	CNM 1201.06-0122 CN-ISIN3-2563-1.0	NDE-35	PT	SS		1.000 / 0.000		C02.031.003 Containment Spray Heat Exchanger 2B Inlet Nozzle A Reinforcing Pad Pc.67 to Shell Cylinder Pc.50.
						Reinforcing Pad to Shell			
C2.C2.31.0004 2NSHXB-NB-2 Circumferential	NS Class 2	CNM 1201.06-0122 CN-ISIN3-2563-1.0	NDE-35	PT	SS		1.000 / 0.000		C02.031.004 Containment Spray Heat Exchanger 2B Outlet Nozzle B Reinforcing Pad Pc.67 to Shell Cylinder PC.50.
						Reinforcing Pad to Shell			
Category C-C									
C2.C3.10.0001 2RHRHXA-6-23 Circumferential	ND Class 2	CNM 1201.06-38 CN-ISIN3-2561-1.1 CNM 1201.06-83	NDE-35	PT	SS		0.750 / 0.000		C03.010.001 Residual Heat Removal Heat Exchanger 2A Lower Head Pc.6 To Support Skirt Pc.23.
						Lower Head to Support Skirt			
C2.C3.10.0006 2ELDHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-37 CN-ISIN3-2554-1.0	NDE-35	PT	SS		0.375 / 0.000		C03.010.023 Excess Letdown Heat Exchanger.
						Plate to Shell			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-C									
C2.C3.10.0018 2REGHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-31 CN-ISIN3-2554-1.0 CNM 1201.06-083 5584	NDE-35	PT	SS		0.250 / 0.000		C03.010.025 Regenerative Heat Exchanger Support (Bracket A) Welded Attachment. Reference PIP Serial No. C-06-05445 - Added 3rd Interval.
						Support Bracket to Shell			
C2.C3.10.0019 2VCT-SUPPORT Rigid Support	NV Class 2	CNM 2201.04-0007 CN-ISIN3-2554-1.1	NDE-35	PT	SS		0.250 / 0.000		C03.010.026 Volume Control Tank Support (4 Legs). Reference PIP Serial No. C-06-05445 - Added 3rd Interval.
C2.C3.20.0001 2-R-CA-1533 Rigid Support	CA Class 2	CN-2491-CA022 CN-ISIN3-2592-1.1	NDE-35	PT	CS		0.218 / 2.000		C03.020.001
C2.C3.20.0002 2-R-CF-1521 Rigid Support	CF Class 2	CN-2491-CF002 CN-ISIN3-2591-1.1	NDE-25	MT	CS		0.750 / 18.000		C03.020.011
C2.C3.20.0007 2-R-ND-0019 Rigid Support	ND Class 2	CN-2492-ND006 CN-ISIN3-2561-1.0	NDE-35	PT	SS		0.750 / 8.000		C03.020.031
C2.C3.20.0008 2-R-NI-1676 Rigid Restraint	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-35	PT	SS		0.500 / 6.000		C03.020.041
C2.C3.20.0011 2-R-NS-0086 Spring Hgr	NS Class 2	CN-2492-NS014 CN-ISIN3-2563-1.0	NDE-35	PT	SS		0.500 / 10.000		C03.020.052
C2.C3.20.0018 2-R-SM-1559 Rigid Support	SM Class 2	CN-2491-SM003 CN-ISIN3-2593-1.0	NDE-25	MT	CS		0.750 / 34.000		C03.020.074

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-C									
C2.C3.30.0004 2CCPA-SUPPORT Rigid Support	NV Class 2	CNM 1201.05-144 CN-ISIN3-2554-1.7	NDE-35	PT	SS		1.000 / 0.000		C03.030.002 Centrifugal Charging Pump 2A Support Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
						Lugs to Casing			
Category C-F-1									
C2.C5.11.0010 2CA155-24 Circumferential	CA Class 2	CN-2CA-155 CN-ISIN3-2592-1.1	NDE-35	PT	SS	80	0.432 / 6.000		C05.011.010, C05.011.010A 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			
C2.C5.11.0010 2CA155-24 Circumferential	CA Class 2	CN-2CA-155 CN-ISIN3-2592-1.1	PDI-UT-2	UT	SS	80	0.432 / 6.000	Component PDI-UT-2-C	C05.011.010, C05.011.010A 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			
C2.C5.11.0011 2CA155-26 Circumferential	CA Class 2	CN-2CA-155 CN-ISIN3-2592-1.1	NDE-35	PT	SS	80	0.432 / 6.000		C05.011.011, C05.011.011A 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			
C2.C5.11.0011 2CA155-26 Circumferential	CA Class 2	CN-2CA-155 CN-ISIN3-2592-1.1	PDI-UT-2	UT	SS	80	0.432 / 6.000	Component PDI-UT-2-C	C05.011.011, C05.011.011A 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			
C2.C5.11.0012 2CA155-27 Circumferential	CA Class 2	CN-2CA-155 CN-ISIN3-2592-1.1	NDE-35	PT	SS	80	0.432 / 6.000		C05.011.012, C05.011.012A 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			

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									
C2.C5.11.0012 2CA155-27 Circumferential	CA Class 2	CN-2CA-155 CN-ISIN3-2592-1.1	PDI-UT-2	UT	SS	80	0.432 / 6.000	Component PDI-UT-2-C	C05.011.012, C05.011.012A 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			
C2.C5.11.0070 2ND5-13 Circumferential Terminal End	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		C05.011.186, C05.011.186A Residual Heat Removal Pump 2A. 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.
						Flange to RHR Pump 2A			
C2.C5.11.0070 2ND5-13 Circumferential Terminal End	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	PDI-UT-2	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.186, C05.011.186A Residual Heat Removal Pump 2A. 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.
						Flange to RHR Pump 2A			
C2.C5.11.0071 2ND5-5 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		C05.011.187, C05.011.187A 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.
						Flange to Pipe			
C2.C5.11.0071 2ND5-5 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	PDI-UT-2	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.187, C05.011.187A 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.
						Flange to Pipe			
C2.C5.11.0072 2ND5-6 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		C05.011.188, C05.011.188A 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			

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									
C2.C5.11.0072 2ND5-6 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.188, C05.011.188A 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			
C2.C5.11.0073 2ND5-7 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		C05.011.189, C05.011.189A 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			
C2.C5.11.0073 2ND5-7 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.189, C05.011.189A 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			
C2.C5.11.0074 2ND5-8 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		C05.011.190, C05.011.190A 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 Flange			
C2.C5.11.0074 2ND5-8 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	PDI-UT-2	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.190, C05.011.190A 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 Flange			
C2.C5.11.0075 2ND40-13 Circumferential	ND Class 2	CN-2ND-40 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		C05.011.191, C05.011.191A 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 Tee			

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									
C2.C5.11.0075									C05.011.191, C05.011.191A
2ND40-13 Circumferential	ND Class 2	CN-2ND-40 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	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 Tee			
C2.C5.11.0076									C05.011.192, C05.011.192A
2ND5-14 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		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 Elbow			
C2.C5.11.0076									C05.011.192, C05.011.192A
2ND5-14 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	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 Elbow			
C2.C5.11.0077									C05.011.193, C05.011.193A
2ND40-15 Circumferential	ND Class 2	CN-2ND-40 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		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 14X12 Reducer			
C2.C5.11.0077									C05.011.193, C05.011.193A
2ND40-15 Circumferential	ND Class 2	CN-2ND-40 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	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 14X12 Reducer			
C2.C5.11.0078									C05.011.194, C05.011.194A
2ND5-4 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.438 / 14.000		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 Flange			

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									
C2.C5.11.0078 2ND5-4 Circumferential	ND Class 2	CN-2ND-5 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.194, C05.011.194A 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 Flange			
C2.C5.11.0079 2ND3-2 Circumferential	ND Class 2	CN-2ND-3 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.562 / 18.000		C05.011.195, C05.011.195A 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 Tee			
C2.C5.11.0079 2ND3-2 Circumferential	ND Class 2	CN-2ND-3 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.562 / 18.000	Component PDI-UT-2-C	C05.011.195, C05.011.195A 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 Tee			
C2.C5.11.0080 2ND3-3 Circumferential	ND Class 2	CN-2ND-3 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40	0.562 / 18.000		C05.011.196, C05.011.196A 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 18X12 Reducer			
C2.C5.11.0080 2ND3-3 Circumferential	ND Class 2	CN-2ND-3 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.562 / 18.000	Component PDI-UT-2-C	C05.011.196, C05.011.196A 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 18X12 Reducer			
C2.C5.11.0081 2ND3-4 Circumferential	ND Class 2	CN-2ND-3 CN-ISIN3-2561-1.0	NDE-35	PT	SS	STD	0.375 / 12.000		C05.011.197, C05.011.197A 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			

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									
C2.C5.11.0081 2ND3-4 Circumferential	ND Class 2	CN-2ND-3 CN-ISIN3-2561-1.0	NDE-600	UT	SS	STD Pipe to Elbow	0.375 / 12.000	Component PDI-UT-2-C	C05.011.197, C05.011.197A 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.
C2.C5.11.0082 2ND4-1 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40 18X14 Reducer to Pipe	0.438 / 14.000		C05.011.198, C05.011.198A 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.
C2.C5.11.0082 2ND4-1 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40 18X14 Reducer to Pipe	0.438 / 14.000	Component PDI-UT-2-C	C05.011.198, C05.011.198A 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.
C2.C5.11.0083 2ND4-3 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40 Elbow to Pipe	0.438 / 14.000		C05.011.199, C05.011.199A 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.
C2.C5.11.0083 2ND4-3 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40 Elbow to Pipe	0.438 / 14.000	Component PDI-UT-2-C	C05.011.199, C05.011.199A 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.
C2.C5.11.0084 2ND4-5 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-35	PT	SS	40 Elbow to Pipe	0.438 / 14.000		C05.011.200, C05.011.200A 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.

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									
C2.C5.11.0084 2ND4-5 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-600	UT	SS	40	0.438 / 14.000	Component PDI-UT-2-C	C05.011.200, C05.011.200A 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
C2.C5.11.0085 2ND4-9 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-35	PT	SS	STD	0.375 / 12.000		C05.011.201, C05.011.201A 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. 14X12 Reducer to Elbow
C2.C5.11.0085 2ND4-9 Circumferential	ND Class 2	CN-2ND-4 CN-ISIN3-2561-1.0	NDE-600	UT	SS	STD	0.375 / 12.000	Component PDI-UT-2-C	C05.011.201, C05.011.201A 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. 14X12 Reducer to Elbow
C2.C5.11.0086 2NI69-2 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		C05.011.301, C05.011.301A 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
C2.C5.11.0086 2NI69-2 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	C05.011.301, C05.011.301A 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
C2.C5.11.0087 2NI69-5 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		C05.011.302, C05.011.302A 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

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									
C2.C5.11.0087									C05.011.302, C05.011.302A
2NI69-5 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	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			
C2.C5.11.0088									C05.011.303, C05.011.303A
2NI69-7 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		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 Flange			
C2.C5.11.0088									C05.011.303, C05.011.303A
2NI69-7 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	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 Flange			
C2.C5.11.0089									C05.011.304, C05.011.304A
2NI69-8 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		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.
						Flange to Pipe			
C2.C5.11.0089									C05.011.304, C05.011.304A
2NI69-8 Circumferential	NI Class 2	CN-2NI-69 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	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.
						Flange to Pipe			
C2.C5.11.0107									C05.011.322, C05.011.322A
2NI85-1 Circumferential	NI Class 2	CN-2NI-85 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		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			

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									
C2.C5.11.0107 2NI85-1 Circumferential	NI Class 2	CN-2NI-85 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160 Pipe to Elbow	0.719 / 6.000	Component PDI-UT-2-C	C05.011.322, C05.011.322A 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.
C2.C5.11.0108 2NI85-10 Circumferential	NI Class 2	CN-2NI-85 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160 Pipe to Elbow	0.719 / 6.000		C05.011.323, C05.011.323A 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.
C2.C5.11.0108 2NI85-10 Circumferential	NI Class 2	CN-2NI-85 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160 Pipe to Elbow	0.719 / 6.000	Component PDI-UT-2-C	C05.011.323, C05.011.323A 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.
C2.C5.11.0109 2NI85-11 Circumferential	NI Class 2	CN-2NI-85 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160 Elbow to Pipe	0.719 / 6.000		C05.011.324, C05.011.324A 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.
C2.C5.11.0109 2NI85-11 Circumferential	NI Class 2	CN-2NI-85 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160 Elbow to Pipe	0.719 / 6.000	Component PDI-UT-2-C	C05.011.324, C05.011.324A 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.
C2.C5.11.0141 2NI90-7 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160 Pipe to Elbow	0.719 / 6.000		C05.011.356, C05.011.356A 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.

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									
C2.C5.11.0141 2NI90-7 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	C05.011.356, C05.011.356A 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			
C2.C5.11.0142 2NI90-8 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		C05.011.357, C05.011.357A 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			
C2.C5.11.0142 2NI90-8 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	C05.011.357, C05.011.357A 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			
C2.C5.11.0143 2NI90-11 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		C05.011.358, C05.011.358A 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			
C2.C5.11.0143 2NI90-11 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	PDI-UT-2	UT	SS	160	0.719 / 6.000	Component PDI-UT-2-C	C05.011.358, C05.011.358A 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			
C2.C5.11.0144 2NI90-12 Circumferential	NI Class 2	CN-2NI-90 CN-ISIN3-2562-1.3	NDE-35	PT	SS	160	0.719 / 6.000		C05.011.359, C05.011.359A 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			

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									
C2.C5.11.0144									C05.011.359, C05.011.359A
2NI90-12	NI	CN-2NI-90	PDI-UT-2	UT	SS	160	0.719 / 6.000	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.
Circumferential	Class 2	CN-ISIN3-2562-1.3							
						Elbow to Pipe			
C2.C5.11.0146									C05.011.401, C05.011.401A
2NS32-1	NS	CN-2NS-32	NDE-35	PT	SS	STD	0.375 / 12.000		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.
Circumferential	Class 2	CN-ISIN3-2563-1.0							
						Valve 2NS001B to Pipe			
C2.C5.11.0146									C05.011.401, C05.011.401A
2NS32-1	NS	CN-2NS-32	PDI-UT-2	UT	SS	STD	0.375 / 12.000	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.
Circumferential	Class 2	CN-ISIN3-2563-1.0							
						Valve 2NS001B to Pipe			
C2.C5.21.0001									C05.021.001, C05.021.001A
2CA112-57	CA	CN-2CA-112	NDE-35	PT	SS	80	0.337 / 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.
Circumferential	Class 2	CN-ISIN3-2592-1.1							
						Elbow to Pipe			
C2.C5.21.0001									C05.021.001, C05.021.001A
2CA112-57	CA	CN-2CA-112	PDI-UT-2	UT	SS	80	0.337 / 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.
Circumferential	Class 2	CN-ISIN3-2592-1.1							
						Elbow to Pipe			
C2.C5.21.0005									C05.021.101, C05.021.101A
2NI100-15	NI	CN-2NI-100	NDE-35	PT	SS	80	0.337 / 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.
Circumferential	Class 2	CN-ISIN3-2562-1.2							
						Elbow to Pipe			

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									
C2.C5.21.0005									C05.021.101, C05.021.101A
2NI100-15 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	PDI-UT-2	UT	SS	80 Elbow to Pipe	0.337 / 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.
C2.C5.21.0006									C05.021.102, C05.021.102A
2NI100-16 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	NDE-35	PT	SS	80 Pipe to Elbow	0.337 / 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.
C2.C5.21.0006									C05.021.102, C05.021.102A
2NI100-16 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	PDI-UT-2	UT	SS	80 Pipe to Elbow	0.337 / 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.
C2.C5.21.0007									C05.021.103, C05.021.103A
2NI100-7 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	NDE-35	PT	SS	80 Pipe to Elbow	0.337 / 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.
C2.C5.21.0007									C05.021.103, C05.021.103A
2NI100-7 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	PDI-UT-2	UT	SS	80 Pipe to Elbow	0.337 / 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.
C2.C5.21.0008									C05.021.104, C05.021.104A
2NI100-8 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	NDE-35	PT	SS	80 Elbow to Pipe	0.337 / 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.

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									
C2.C5.21.0008 2NI100-8 Circumferential	NI Class 2	CN-2NI-100 CN-ISIN3-2562-1.2	PDI-UT-2	UT	SS	80	0.337 / 4.000	Component PDI-UT-2-C	C05.021.104, C05.021.104A 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			
C2.C5.21.0009 2NI106-1 Circumferential	NI Class 2	CN-2NI-106 CN-ISIN3-2562-1.0	NDE-35	PT	SS	160	0.438 / 3.000		C05.021.105, C05.021.105A 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			
C2.C5.21.0009 2NI106-1 Circumferential	NI Class 2	CN-2NI-106 CN-ISIN3-2562-1.0	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component PDI-UT-2-C	C05.021.105, C05.021.105A 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			
C2.C5.21.0010 2NI106-10 Circumferential	NI Class 2	CN-2NI-106 CN-ISIN3-2562-1.0	NDE-35	PT	SS	160	0.438 / 3.000		C05.021.106, C05.021.106A 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			
C2.C5.21.0010 2NI106-10 Circumferential	NI Class 2	CN-2NI-106 CN-ISIN3-2562-1.0	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component PDI-UT-2-C	C05.021.106, C05.021.106A 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			
C2.C5.21.0011 2NI106-5 Circumferential	NI Class 2	CN-2NI-106 CN-ISIN3-2562-1.0	NDE-35	PT	SS	160	0.438 / 3.000		C05.021.107, C05.021.107A 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			

Category C-F-1

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
C2.C5.21.0011									C05.021.107, C05.021.107A
2NI106-5	NI	CN-2NI-106	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component	Procedure NDE-600 uses the component for
		CN-ISIN3-2562-1.0						PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2								of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
						Pipe to Elbow			
C2.C5.21.0012									C05.021.108, C05.021.108A
2NI106-6	NI	CN-2NI-106	NDE-35	PT	SS	160	0.438 / 3.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	CN-ISIN3-2562-1.0							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			
C2.C5.21.0012									C05.021.108, C05.021.108A
2NI106-6	NI	CN-2NI-106	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component	Procedure NDE-600 uses the component for
		CN-ISIN3-2562-1.0						PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2								of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
						Elbow to Pipe			
C2.C5.21.0013									C05.021.109, C05.021.109A
2NI114-1	NI	CN-2NI-114	NDE-35	PT	SS	160	0.438 / 3.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	CN-ISIN3-2562-1.0							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			
C2.C5.21.0013									C05.021.109, C05.021.109A
2NI114-1	NI	CN-2NI-114	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component	Procedure NDE-600 uses the component for
		CN-ISIN3-2562-1.0						PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2								of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
						Elbow to Pipe			
C2.C5.21.0014									C05.021.110, C05.021.110A
2NI114-10	NI	CN-2NI-114	NDE-35	PT	SS	160	0.438 / 3.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	CN-ISIN3-2562-1.0							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			

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									
C2.C5.21.0014 2NI114-10 Circumferential	NI Class 2	CN-2NI-114 CN-ISIN3-2562-1.0	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component PDI-UT-2-C	C05.021.110, C05.021.110A 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			
C2.C5.21.0045 2NV126-1 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-35	PT	SS	40	0.216 / 3.000		C05.021.211, C05.021.211A 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			
C2.C5.21.0045 2NV126-1 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-600	UT	SS	40	0.216 / 3.000	Component PDI-UT-2-C	C05.021.211, C05.021.211A 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			
C2.C5.21.0046 2NV126-2 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-35	PT	SS	40	0.216 / 3.000		C05.021.212, C05.021.212A 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			
C2.C5.21.0046 2NV126-2 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-600	UT	SS	40	0.216 / 3.000	Component PDI-UT-2-C	C05.021.212, C05.021.212A 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			
C2.C5.21.0047 2NV126-4 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-35	PT	SS	40	0.216 / 3.000		C05.021.213, C05.021.213A 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			

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									
C2.C5.21.0047									C05.021.213, C05.021.213A
2NV126-4 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-600	UT	SS	40	0.216 / 3.000	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			
C2.C5.21.0048									C05.021.214, C05.021.214A
2NV126-3 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-35	PT	SS	40	0.216 / 3.000		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 Elbow			
C2.C5.21.0048									C05.021.214, C05.021.214A
2NV126-3 Circumferential	NV Class 2	CN-2NV-126 CN-ISIN3-2554-1.1	NDE-600	UT	SS	40	0.216 / 3.000	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 Elbow			
C2.C5.21.0049									C05.021.215, C05.021.215A
2NV13-1 Circumferential	NV Class 2	CN-2NV-13 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.438 / 3.000		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			
C2.C5.21.0049									C05.021.215, C05.021.215A
2NV13-1 Circumferential	NV Class 2	CN-2NV-13 CN-ISIN3-2554-1.7	PDI-UT-2	UT	SS	160	0.438 / 3.000	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			
C2.C5.21.0050									C05.021.216, C05.021.216A
2NV14-14 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.438 / 3.000		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			

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									
C2.C5.21.0050									C05.021.216, C05.021.216A
2NV14-14	NV	CN-2NV-14	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component	Procedure NDE-600 uses the component for
		CN-ISIN3-2554-1.7						PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2								of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
						Elbow to Pipe			
C2.C5.21.0051									C05.021.217, C05.021.217A
2NV14-1	NV	CN-2NV-14	NDE-35	PT	SS	160	0.531 / 4.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	CN-ISIN3-2554-1.7							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			
C2.C5.21.0051									C05.021.217, C05.021.217A
2NV14-1	NV	CN-2NV-14	NDE-600	UT	SS	160	0.531 / 4.000	Component	Procedure NDE-600 uses the component for
		CN-ISIN3-2554-1.7						PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2								of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
						Elbow to Pipe			
C2.C5.21.0052									C05.021.218, C05.021.218A
2NV14-10	NV	CN-2NV-14	NDE-35	PT	SS	160	0.438 / 3.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	CN-ISIN3-2554-1.7							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			
C2.C5.21.0052									C05.021.218, C05.021.218A
2NV14-10	NV	CN-2NV-14	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component	Procedure NDE-600 uses the component for
		CN-ISIN3-2554-1.7						PDI-UT-2-C	calibration. Procedure PDI-UT-2 may be used in lieu
Circumferential	Class 2								of NDE-600. If PDI-UT-2 is used , then the calibration block listed shall be used.
						Elbow to Pipe			
C2.C5.21.0053									C05.021.219, C05.021.219A
2NV14-2	NV	CN-2NV-14	NDE-35	PT	SS	160	0.531 / 4.000		Procedure NDE-600 uses the component for
Circumferential	Class 2	CN-ISIN3-2554-1.7							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 Tee			

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									
C2.C5.21.0053									C05.021.219, C05.021.219A
2NV14-2 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	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 Tee			
C2.C5.21.0054									C05.021.220, C05.021.220A
2NV14-3 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	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 4X3 Reducer			
C2.C5.21.0054									C05.021.220, C05.021.220A
2NV14-3 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	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 4X3 Reducer			
C2.C5.21.0055									C05.021.221, C05.021.221A
2NV14-4 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.438 / 3.000		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.
						4X3 Reducer to Elbow			
C2.C5.21.0055									C05.021.221, C05.021.221A
2NV14-4 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	PDI-UT-2	UT	SS	160	0.438 / 3.000	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.
						4X3 Reducer to Elbow			
C2.C5.21.0056									C05.021.222, C05.021.222A
2NV14-7 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.438 / 3.000		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			

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									
C2.C5.21.0056 2NV14-7 Circumferential	NV Class 2	CN-2NV-14 CN-ISIN3-2554-1.7	PDI-UT-2	UT	SS	160	0.438 / 3.000	Component PDI-UT-2-C	C05.021.222, C05.021.222A 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			
C2.C5.21.0057 2NV15-1 Circumferential	NV Class 2	CN-2NV-15 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.531 / 4.000		C05.021.223, C05.021.223A 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			
C2.C5.21.0057 2NV15-1 Circumferential	NV Class 2	CN-2NV-15 CN-ISIN3-2554-1.7	NDE-600	UT	SS	160	0.531 / 4.000	Component PDI-UT-2-C	C05.021.223, C05.021.223A 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			
C2.C5.21.0058 2NV15-8 Circumferential	NV Class 2	CN-2NV-15 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.531 / 4.000		C05.021.224, C05.021.224A 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			
C2.C5.21.0058 2NV15-8 Circumferential	NV Class 2	CN-2NV-15 CN-ISIN3-2554-1.7	NDE-600	UT	SS	160	0.531 / 4.000	Component PDI-UT-2-C	C05.021.224, C05.021.224A 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			
C2.C5.21.0059 2NV15-3 Circumferential	NV Class 2	CN-2NV-15 CN-ISIN3-2554-1.7	NDE-35	PT	SS	160	0.531 / 4.000		C05.021.225, C05.021.225A 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			

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									
C2.C5.21.0059									C05.021.225, C05.021.225A
2NV15-3	NV	CN-2NV-15	NDE-600	UT	SS	160	0.531 / 4.000	Component	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.
		CN-ISIN3-2554-1.7						PDI-UT-2-C	
Circumferential	Class 2								
						Elbow to Pipe			
C2.C5.30.0001									C05.030.001
2CA53-10	CA	CN-2CA-53	NDE-35	PT	SS-CS	80	0.218 / 2.000		
Circumferential	Class 2	CN-ISIN3-2592-1.1							
						Pipe to Valve 2CA190			
C2.C5.30.0003									C05.030.021
2NI200-10	NI	CN-2NI-200	NDE-35	PT	SS	80	0.218 / 2.000		
Socket	Class 2	CN-ISIN3-2562-1.2							
						Pipe to Elbow			
C2.C5.30.0004									C05.030.022
2NI200-13	NI	CN-2NI-200	NDE-35	PT	SS	80	0.218 / 2.000		
Socket	Class 2	CN-ISIN3-2562-1.2							
						Valve 2NI114 to Pipe			
C2.C5.30.0005									C05.030.023
2NI200-19	NI	CN-2NI-200	NDE-35	PT	SS	80	0.218 / 2.000		
Socket	Class 2	CN-ISIN3-2562-1.2							
						Valve 2NI115A to Pipe			
C2.C5.30.0006									C05.030.024
2NI255-10	NI	CN-2NI-255	NDE-35	PT	SS	80	0.218 / 2.000		
Socket	Class 2	CN-ISIN3-2562-1.2							
						Pipe to Elbow			
C2.C5.30.0007									C05.030.025
2NI255-12	NI	CN-2NI-255	NDE-35	PT	SS	80	0.218 / 2.000		
Socket	Class 2	CN-ISIN3-2562-1.2							
						Pipe to Valve 2NI143			

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									
C2.C5.30.0022 2NV192-3 Socket	NV Class 2	CN-2NV-192 CN-ISIN3-2554-1.5	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.105
						Pipe to Tee			
C2.C5.30.0023 2NV192-4 Socket	NV Class 2	CN-2NV-192 CN-ISIN3-2554-1.5	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.106
						Tee to Pipe			
C2.C5.30.0024 2NV192-5 Socket	NV Class 2	CN-2NV-192 CN-ISIN3-2554-1.5	NDE-35	PT	SS	160	0.344 / 2.000		C05.030.107
						Pipe to Valve 2NV057			
Category C-F-2									
C2.C5.51.0003 2CA60-11 Circumferential	CA Class 2	CN-2CA-60 CN-ISIN3-2592-1.1	NDE-25	MT	CS	80	0.432 / 6.000		C05.051.003, C05.051.003A 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.
						Elbow to Pipe			
C2.C5.51.0003 2CA60-11 Circumferential	CA Class 2	CN-2CA-60 CN-ISIN3-2592-1.1	NDE-600	UT	CS	80	0.432 / 6.000	Component PDI-UT-1-C	C05.051.003, C05.051.003A 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.
						Elbow to Pipe			
C2.C5.51.0004 2CA60-7 Circumferential	CA Class 2	CN-2CA-60 CN-ISIN3-2592-1.1	NDE-25	MT	CS	80	0.432 / 6.000		C05.051.004, C05.051.004A 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.
						Elbow to Pipe			

Category C-F-2

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
C2.C5.51.0004									C05.051.004, C05.051.004A
2CA60-7 Circumferential	CA Class 2	CN-2CA-60 CN-ISIN3-2592-1.1	NDE-600	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.
						Elbow to Pipe			
C2.C5.51.0006									C05.051.006, C05.051.006A
2CA67-3 Circumferential	CA Class 2	CN-2CA-67 CN-ISIN3-2592-1.1	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.
						Elbow to Pipe			
C2.C5.51.0006									C05.051.006, C05.051.006A
2CA67-3 Circumferential	CA Class 2	CN-2CA-67 CN-ISIN3-2592-1.1	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.
						Elbow to Pipe			
C2.C5.51.0007									C05.051.007, C05.051.007A
2CA67-5 Circumferential	CA Class 2	CN-2CA-67 CN-ISIN3-2592-1.1	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			
C2.C5.51.0007									C05.051.007, C05.051.007A
2CA67-5 Circumferential	CA Class 2	CN-2CA-67 CN-ISIN3-2592-1.1	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			
C2.C5.51.0015									C05.051.052, C05.051.052A
2CF57-4 Circumferential	CF Class 2	CN-2CF-57 CN-ISIN3-2591-1.1	NDE-25	MT	CS	80	0.938 / 18.000		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 2CF51			

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									
C2.C5.51.0015									C05.051.052, C05.051.052A
2CF57-4 Circumferential	CF Class 2	CN-2CF-57 CN-ISIN3-2591-1.1	NDE-600	UT	CS	80	0.938 / 18.000	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 2CF51			
C2.C5.51.0016									C05.051.053, C05.051.053A
2CF64-28 Circumferential Terminal End	CF Class 2	CN-2CF-64 CN-ISIN3-2591-1.1	NDE-25	MT	CS	80	0.844 / 16.000		Steam Generator 2A. 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.
						Elbow to Nozzle			
C2.C5.51.0016									C05.051.053, C05.051.053A
2CF64-28 Circumferential Terminal End	CF Class 2	CN-2CF-64 CN-ISIN3-2591-1.1	PDI-UT-1	UT	CS	80	0.844 / 16.000	Component PDI-UT-1-C	Steam Generator 2A. 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.
						Elbow to Nozzle			
C2.C5.51.0017									C05.051.054, C05.051.054A
2CF64-35 Circumferential	CF Class 2	CN-2CF-64 CN-ISIN3-2591-1.1	NDE-25	MT	CS	80	0.844 / 16.000		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			
C2.C5.51.0017									C05.051.054, C05.051.054A
2CF64-35 Circumferential	CF Class 2	CN-2CF-64 CN-ISIN3-2591-1.1	PDI-UT-1	UT	CS	80	0.844 / 16.000	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			
C2.C5.51.0030									C05.051.101, C05.051.101A
2SM11-2 Circumferential	SM Class 2	CN-2SM-11 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		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			

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									
C2.C5.51.0030									C05.051.101, C05.051.101A
2SM11-2 Circumferential	SM Class 2	CN-2SM-11 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	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			
C2.C5.51.0031									C05.051.102, C05.051.102A
2SM11-3 Circumferential	SM Class 2	CN-2SM-11 CN-ISIN3-2593-1.0	NDE-25	MT	CS		1.375 / 34.000		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.
						Elbow to Pipe			
C2.C5.51.0031									C05.051.102, C05.051.102A
2SM11-3 Circumferential	SM Class 2	CN-2SM-11 CN-ISIN3-2593-1.0	NDE-600	UT	CS		1.375 / 34.000	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.
						Elbow to Pipe			
C2.C5.51.0041									C05.051.151, C05.051.151A
2SV10-4 Circumferential	SV Class 2	CN-2SV-10 CN-ISIN3-2593-1.0	NDE-25	MT	CS	40	1.500 / 9.000		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 2SV017			
C2.C5.51.0041									C05.051.151, C05.051.151A
2SV10-4 Circumferential	SV Class 2	CN-2SV-10 CN-ISIN3-2593-1.0	NDE-600	UT	CS	40	1.500 / 9.000	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 2SV017			
C2.C5.61.0001									C05.061.001, C05.061.001A
2CA102-2 Circumferential	CA Class 2	CN-2CA-102 CN-ISIN3-2592-1.1	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 Valve 2CA046B			

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									
C2.C5.61.0001									C05.061.001, C05.061.001A
2CA102-2 Circumferential	CA Class 2	CN-2CA-102 CN-ISIN3-2592-1.1	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 Valve 2CA046B			
C2.C5.61.0005									C05.061.005, C05.061.005A
2CA105-5 Circumferential	CA Class 2	CN-2CA-105 CN-ISIN3-2592-1.1	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.
						Elbow to Pipe			
C2.C5.61.0005									C05.061.005, C05.061.005A
2CA105-5 Circumferential	CA Class 2	CN-2CA-105 CN-ISIN3-2592-1.1	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.
						Elbow to Pipe			
C2.C5.61.0007									C05.061.
2CA103-4 Circumferential	CA Class 2	CN-2CA-103 CN-ISIN3-2592-1.1	NDE-25	MT			0.531 / 4.000		
C2.C5.61.0007									C05.061.
2CA103-4 Circumferential	CA Class 2	CN-2CA-103 CN-ISIN3-2592-1.1	PDI-UT-1	UT			0.531 / 4.000	Component PDI-UT-1-C	
C2.C5.70.0006									C05.070.006
2CA154-16 Circumferential	CA Class 2	CN-2CA-154 CN-ISIN3-2592-1.1	NDE-35	PT	CS	80	0.218 / 2.000		
						Pipe to Elbow			
C2.C5.70.0007									C05.070.007
2CA154-17 Circumferential	CA Class 2	CN-2CA-154 CN-ISIN3-2592-1.1	NDE-35	PT	CS	80	0.218 / 2.000		
						Elbow to Pipe			

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										
C2.C5.70.0009										C05.070.009
2CA69-22	CA	CN-2CA-69	NDE-35	PT	CS	80	0.218 / 2.000			
Circumferential	Class 2	CN-ISIN3-2592-1.1								
						Valve 2CA188 to Pipe				
C2.C5.70.0010										C05.070.010
2CA69-23	CA	CN-2CA-69	NDE-35	PT	CS	80	0.218 / 2.000			
Circumferential	Class 2	CN-ISIN3-2592-1.1								
						Valve 2CA185 to Pipe				
Category C-G										
C2.C6.20.0002										C06.020.002
2ND-28A	ND	CNM 1205.00-207	NDE-35	PT	SS		1.750 / 8.000		Valve Body Weld.	
Circumferential	Class 2	CN-ISIN3-2561-1.0								
						Valve Body to Bonnet				
C2.C6.20.0003										C06.020.003
2ND-33	ND	CNM 1205.00-1937	NDE-35	PT	SS		1.750 / 8.000		Valve Body Weld.	
Circumferential	Class 2	CN-ISIN3-2561-1.0								
						Valve Body to Bonnet				
C2.C6.20.0009										C06.020.009
2NI-136B	NI	CNM 1205.00-207	NDE-35	PT	SS		1.750 / 8.000		Valve Body Weld.	
Circumferential	Class 2	CN-ISIN3-2562-1.2								
						Valve Body to Bonnet				
C2.C6.20.0010										C06.020.010
2NI-342	NI	CNM 1205.00-152	NDE-35	PT	SS		0.417 / 8.000		Valve Body Weld.	
Circumferential	Class 2	CN-ISIN3-2562-1.2								
						Valve Body to Bonnet				
C2.C6.20.0011										C06.020.011
2NI-162A	NI	CNM-1205.00-88	NDE-35	PT	SS		0.867 / 4.000		Valve Body Weld.	
Circumferential	Class 2	CN-ISIN3-2562-1.3								
						Valve Body to Bonnet				

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category C-G									
C2.C6.20.0013 2NV-91B Circumferential	NV Class 2	CNM-1205.00-165 CN-ISIN3-2554-1.0	NDE-35	PT	SS		0.237 / 4.000		C06.020.013 Valve Body Weld.
						Valve Body to Bonnet			
Category D-A									
C2.D1.10.0001 2RNSB-SUPPORT Rigid Support	RN Class 3	CNM 1218.02-10 CN-ISIN3-1574-1.0	NDE-65	VT-1	CS		0.500 / 0.000		D01.010.001 Nuclear Service Water Strainer 2B. Will not take credit for examination performed in Outage#2 (EOC15) due to percentage restrictions of Table IWD-2412-1 for the First Period. Re-examination in Outage #7(EOC20) in the Third Period will be credited to meet Third Interval requirements. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval. Support Welded Attachment.
						Support Plate to Strainer			
C2.D1.10.0019 2DGEIAFA1-SUPPORT Rigid Support	VN Class 3	CNM 1301.00-130 CN-ISIN3-2609-5.0 CN-2493-VN001	NDE-65	VT-1	NA		0.250 / 0.000		D01.010.012 Diesel Generator Engine Exhaust Silencer 2A1 Support (4 Support Pads) Welded Attachment. Reference Support Sketch 2-R--VN-0087. Will not take credit for examination performed in Outage #2 (EOC15) due to percentage restrictions of Table IWD-2412-1 for the First Period. Re-examination in Outage #6 (EOC19) in the Third Period will be credited to meet Third Interval requirements. Reference PIP Serial No. C-06-05445 - Added 3rd Interval.
						Support Pad to Housing			
C2.D1.10.0020 2DGEJWCA-SUPPORT Rigid Support	KD Class 3	CNM 1301.00-041 CN-ISIN3-2609-1.0	NDE-65	VT-1	NA		0.250 / 0.000		D01.010.013 Diesel Generator Engine Jacket Water Cooler 2A Support (3 Saddle Supports) Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
						Saddle to Shell			
C2.D1.10.0021 2DGEJWSTPA-SUPPORT Rigid Support	KD Class 3	CNM 1301.00-105 CN-ISIN3-2609-1.0 CNM 1301.00-106	NDE-65	VT-1	NA		1.000 / 0.000		D01.010.014 Diesel Generator Engine Jacket Water Standpipe 2A Support Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
						Skirt to Shell			

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category D-A									
C2.D1.10.0022 2LDCA-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-0042 CN-ISIN3-2609-2.0	NDE-65	VT-1	NA	Saddle to Shell	0.250 / 0.000		D01.010.015 Diesel Generator Engine Lube Oil Cooler2A Support (2 Saddle Supports) Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.D1.10.0023 2LDFA-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-140 CN-ISIN3-2609-2.0	NDE-65	VT-1	NA	Skirt to Shell	0.250 / 0.000		D01.010.016 Diesel Generator Engine Lube Oil Filter 2A Support Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.D1.10.0024 2LDSA1-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-320 CN-ISIN3-2609-2.2	NDE-65	VT-1	NA	Support to Shell	0.250 / 0.000		D01.010.017 Diesel Generator Engine Lube Oil Strainer 2A1 Support Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.D1.10.0025 2LDSTA-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-268 CN-ISIN3-2609-2.0	NDE-65	VT-1	NA	Saddle to Shell	0.250 / 0.000		D01.010.018 Diesel Generator Engine Lube Oil Sump Tank 2A Support (2 Saddle Supports) Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.D1.10.0026 2KCHXA-SUPPORT Rigid Support	KC Class 3	CNM 1201.06-51 CN-ISIN3-2573-1.0	NDE-65	VT-1	NA	Saddle to Shell	0.500 / 0.000		D01.010.021 Component Cooling Heat Exchanger 2A (4 Saddle Supports) Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.D1.10.0027 2KCSTA-SUPPORT Rigid Support	KC Class 3	CNM 1148.00-86 CN-ISIN3-2573-1.1	NDE-65	VT-1	NA	Saddle to Shell	0.500 / 0.000		D01.010.022 Component Cooling Surge Tank 2A (2 Saddle Supports) Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.D1.10.0028 2KFHXA-SUPPORT Rigid Support	KF Class 3	CNM 1201.06-54 CN-ISIN3-2570-1.0	NDE-65	VT-1	NA	Saddle to Shell	0.500 / 0.000		D01.010.031 Fuel Pool Cooling Heat Exchanger 2A Support (2 Saddle Supports) Welded Attachment. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category D-A									
C2.D1.10.0030 2LDHX-LATERAL Rigid Support	NV Class 3	2-E-NV-0001 CN-ISIN3-2554-1.6 CNM 1201.06-58	NDE-65	VT-1	CS		0.500 / 0.000		D01.010.061 Vertical Letdown Heat Exchanger Lateral Support (Top of HX). Examine with F01.040.219. Will not take credit for examination performed in Outage 2 EOC-15 due to percentage restrictions. Reference PIP C-07-0193.
C2.D1.10.0031 2SWHX-LATERAL Rigid Support	NV Class 3	2-E-NV-0002 CN-ISIN3-2554-1.6 CNM 1201.06-50	NDE-65	VT-1	CS		0.750 / 0.000		D01.010.062 Seal Water Heat Exchanger Lateral Support (Top of HX). Examine with F01.040.220. Will not take credit for examination performed in Outage 2 EOC-15 due to percentage restrictions. Reference PIP C-07-0193.
C2.D1.10.0032 2RHRHXB-LATERAL Rigid Support	ND Class 3	2-E-ND-0002 CN-ISIN3-2561-1.0 CNM 1201.06-38	NDE-65	VT-1	NA		0.500 / 0.000		D01.010.051 Residual Heat Removal Heat Exchanger 2BLateral Support (Top of HX). Examine with F01.040.221. Will not take credit for examination performed in Outage 2 EOC-15 due to percentage restrictions. Reference PIP C-07-0193
Category F-A									
C2.F1.10.0010 2-R-NI-1041 Rigid Support	NI Class 1	CN-2491-NI027 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.010.051
C2.F1.10.0011 2-R-NI-1045 Rigid Support	NI Class 1	CN-2491-NI027 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.010.052
C2.F1.10.0012 2-R-NI-1052 Rigid Support	NI Class 1	CN-2491-NI032 CN-ISIN3-2562-1.1	NDE-66	VT-3	NA		0.000 / 10.000		F01.010.053
C2.F1.10.0020 2-R-NV-1457 Rigid Support	NV Class 1	CN-2491-NV082 CN-ISIN3-2554-1.0	NDE-66	VT-3	NA		0.000 / 2.000		F01.010.091
C2.F1.10.0021 2-R-NV-1458 Rigid Support	NV Class 1	CN-2491-NV082 CN-ISIN3-2554-1.0	NDE-66	VT-3	NA		0.000 / 2.000		F01.010.092

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category F-A										
C2.F1.10.0022 2-R-NV-1461 Rigid Support	NV Class 1	CN-2491-NV082 CN-ISIN3-2554-1.0	NDE-66	VT-3	NA		0.000 / 2.000			F01.010.093
C2.F1.11.0001 2-R-NC-1000 Rigid Restraint	NC Class 1	CN-2491-NC028 CN-ISIN3-2553-1.0	NDE-66	VT-3	NA		0.000 / 2.000			F01.011.001
C2.F1.12.0002 2-R-NC-1008 Spring Hgr	NC Class 1	CN-2491-NC028 CN-ISIN3-2553-1.0	NDE-66	VT-3	NA		0.000 / 2.000			F01.012.002
C2.F1.20.0008 2-R-CA-1555 Rigid Support	CA Class 2	CN-2491-CA004 CN-ISIN3-2592-1.1	NDE-66	VT-3	NA		0.000 / 2.000			F01.020.008
C2.F1.20.0010 2-R-CA-1533 Rigid Support	CA Class 2	CN-2491-CA022 CN-ISIN3-2592-1.1	NDE-66	VT-3	NA		0.218 / 2.000			F01.020.010
C2.F1.20.0011 2-R-CF-1521 Rigid Support	CF Class 2	CN-2491-CF002 CN-ISIN3-2591-1.1	NDE-66	VT-3	NA		0.750 / 18.000			F01.020.011
C2.F1.20.0037 2-R-NI-1040 Rigid Support	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000			F01.020.064
C2.F1.20.0038 2-R-NI-1675 Rigid Support	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000			F01.020.065

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.20.0055 2-R-NS-1207 Rigid Support	NS Class 2	CN-2491-NS002 CN-ISIN3-2563-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.020.094
C2.F1.20.0056 2-R-NS-1210 Rigid Support	NS Class 2	CN-2491-NS002 CN-ISIN3-2563-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.020.095
C2.F1.20.0057 2-R-NS-1213 Rigid Support	NS Class 2	CN-2491-NS002 CN-ISIN3-2563-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.020.096
C2.F1.20.0073 2-R-NV-1035 Rigid Support	NV Class 2	CN-2491-NV039 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.020.144
C2.F1.20.0074 2-R-NV-1036 Rigid Support	NV Class 2	CN-2491-NV039 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.020.145
C2.F1.20.0075 2-R-NV-1037 Rigid Support	NV Class 2	CN-2491-NV039 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.020.146
C2.F1.20.0076 2-R-NV-1013 Rigid Support	NV Class 2	CN-2491-NV041 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.020.147
C2.F1.20.0077 2-R-NV-1014 Rigid Support	NV Class 2	CN-2491-NV041 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.020.148

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.20.0096 2-R-SA-1505 Rigid Support	SA Class 2	CN-2491-SA001 CN-ISIN3-2593-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.191
C2.F1.20.0097 2-R-SA-1506 Rigid Support	SA Class 2	CN-2491-SA001 CN-ISIN3-2593-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.192
C2.F1.20.0098 2-R-SA-1507 Rigid Support	SA Class 2	CN-2491-SA001 CN-ISIN3-2593-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.193
C2.F1.20.0099 2-R-SA-1508 Rigid Support	SA Class 2	CN-2491-SA001 CN-ISIN3-2593-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.020.194
C2.F1.20.0102 2-R-SM-1559 Rigid Support	SM Class 2	CN-2491-SM003 CN-ISIN3-2593-1.0	NDE-66	VT-3	NA		0.750 / 34.000		F01.020.203
C2.F1.21.0006 2-R-FW-0119 Rigid Restraint	FW Class 2	CN-2492-FW019 CN-ISIN3-2571-1.0	NDE-66	VT-3	NA		0.000 / 12.000		F01.021.021
C2.F1.21.0019 2-R-NI-1034 Rigid Restraint	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.021.066
C2.F1.21.0020 2-R-NI-1035 Rigid Restraint	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.021.067

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.21.0021 2-R-NI-1036 Rigid Restraint	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.021.068
C2.F1.21.0022 2-R-NI-1038 Rigid Restraint	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.000 / 6.000		F01.021.069
C2.F1.21.0023 2-R-NI-1676 Rigid Restraint	NI Class 2	CN-2491-NI037 CN-ISIN3-2562-1.3	NDE-66	VT-3	NA		0.500 / 6.000		F01.021.070
C2.F1.21.0060 2-R-NV-1038 Rigid Restraint	NV Class 2	CN-2491-NV039 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.147
C2.F1.21.0061 2-R-NV-1040 Rigid Restraint	NV Class 2	CN-2491-NV039 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.148
C2.F1.21.0062 2-R-NV-1041 Rigid Restraint	NV Class 2	CN-2491-NV039 CN-ISIN3-2554-1.5	NDE-66	VT-3	NA		0.000 / 2.000		F01.021.149
C2.F1.22.0002 2-R-CA-1645 Spring Hgr	CA Class 2	CN-2491-CA005 CN-ISIN3-2592-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.022.002
C2.F1.22.0004 2-R-CA-1590 Mech Snubber	CA Class 2	CN-2491-CA.00-002 CN-ISIN3-2592-1.1	NDE-66	VT-3	NA		0.000 / 4.000		F01.022.004

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.22.0005 2-R-CF-1581 Mech Snubber	CF Class 2	CN-2491-CF001 CN-ISIN3-2591-1.1	NDE-66	VT-3	NA		0.750 / 18.000		F01.022.011 Do Not Select As Welded Attachment Examination Per Letter From M.Shutt Dated 03/03/05.
C2.F1.22.0006 2-R-CF-1584 Mech Snubber	CF Class 2	CN-2491-CF001 CN-ISIN3-2591-1.1	NDE-66	VT-3	NA		0.750 / 18.000		F01.022.012 Do Not Select As Welded Attachment Examination Per Letter From M.Shutt Dated 03/03/05.
C2.F1.22.0011 2-R-FW-0115 Mech Snubber	FW Class 2	CN-2492-FW019 CN-ISIN3-2571-1.0	NDE-66	VT-3	NA		0.000 / 12.000		F01.022.021
C2.F1.22.0021 2-R-NS-0096 Mech Snubber	NS Class 2	CN-2492-NS001 CN-ISIN3-2563-1.0	NDE-66	VT-3	NA		0.000 / 12.000		F01.022.091
C2.F1.22.0022 2-R-NS-0086 Spring Hgr	NS Class 2	CN-2492-NS014 CN-ISIN3-2563-1.0	NDE-66	VT-3	NA		0.500 / 10.000		F01.022.092
C2.F1.22.0023 2-R-NV-0242 Mec Snb/Spr Hgr	NV Class 2	CN-2492-NV034 CN-ISIN3-2554-1.2	NDE-66	VT-3	NA		0.000 / 3.000		F01.022.141
C2.F1.22.0024 2-R-NV-0243 Mech Snubber	NV Class 2	CN-2492-NV034 CN-ISIN3-2554-1.2	NDE-66	VT-3	NA		0.000 / 3.000		F01.022.142
C2.F1.22.0028 2-R-SA-1502 Spring Hgr	SA Class 2	CN-2491-SA001 CN-ISIN3-2593-1.1	NDE-66	VT-3	NA		0.000 / 6.000		F01.022.191

Summary Num / Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.22.0029									F01.022.192
2-R-SA-1504	SA	CN-2491-SA001	NDE-66	VT-3	NA		0.000 / 6.000		
Mech Snubber	Class 2	CN-ISIN3-2593-1.1							
C2.F1.22.0032									F01.022.201
2-R-SM-1550	SM	CN-2491-SM003	NDE-66	VT-3	NA		0.750 / 34.000		Do Not Select As Welded Attachment Examination Per Letter From M.Shutt Dated 03/03/05.
Mech Snubber	Class 2	CN-ISIN3-2593-1.0							
C2.F1.22.0033									F01.022.202
2-R-SM-1551	SM	CN-2491-SM003	NDE-66	VT-3	NA		0.750 / 34.000		Do Not Select As Welded Attachment Examination Per Letter From M.Shutt Dated 03/03/05.
Mech Snubber	Class 2	CN-ISIN3-2593-1.0							
C2.F1.22.0034									F01.022.203
2-R-SM-1552	SM	CN-2491-SM003	NDE-66	VT-3	NA		0.750 / 34.000		Do Not Select As Welded Attachment Examination Per Letter From M.Shutt Dated 03/03/05.
Spring Hgr	Class 2	CN-ISIN3-2593-1.0							
C2.F1.22.0035									F01.022.204
2-R-SM-1553	SM	CN-2491-SM003	NDE-66	VT-3	NA		0.750 / 34.000		Do Not Select As Welded Attachment Examination Per Letter From M.Shutt Dated 03/03/05.
Mech Snubber	Class 2	CN-ISIN3-2593-1.0							
C2.F1.22.0041									F01.022.210
2-R-SM-1018	SM	CN-2491-SM010	NDE-66	VT-3	NA		1.000 / 34.000		
Mech Snubber	Class 2	CN-ISIN3-2593-1.0							
C2.F1.22.0042									F01.022.221
2-R-SV-1568	SV	CN-2491-SV005	NDE-66	VT-3	NA		0.000 / 6.000		
Mech Snubber	Class 2	CN-ISIN3-2593-1.0							
C2.F1.30.0001									F01.030.001
2-R-CA-0019	CA	CN-2492-CA001	NDE-66	VT-3	NA		0.000 / 10.000		
Rigid Support	Class 3	CN-ISIN3-2592-1.0							

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.30.0002 2-R-CA-0047 Rigid Support	CA Class 3	CN-2492-CA020 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.002
C2.F1.30.0003 2-R-CA-0038 Rigid Support	CA Class 3	CN-2492-CA024 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.003
C2.F1.30.0004 2-R-CA-0040 Rigid Support	CA Class 3	CN-2492-CA024 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.030.004
C2.F1.30.0005 2-R-CA-0175 Rigid Support	CA Class 3	CN-2492-CA055 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.005
C2.F1.30.0006 2-R-CA-0176 Rigid Support	CA Class 3	CN-2492-CA055 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 8.000		F01.030.006
C2.F1.31.0005 2-R-CA-0021 Rigid Restraint	CA Class 3	CN-2492-CA004 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 10.000		F01.031.005
C2.F1.31.0006 2-R-CA-0053 Rigid Restraint	CA Class 3	CN-2492-CA020 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.000 / 6.000		F01.031.006
C2.F1.32.0001 2-R-CA-0204 Spring Hgr	CA Class 3	CN-2492-CA040 CN-ISIN3-2592-1.0	NDE-66	VT-3	NA		0.500 / 6.000		F01.032.001

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data	
Category F-A										
C2.F1.32.0013 2-R-RN-0208 Mech Snubber	RN Class 3	CN-2492-RN086 CN-ISIN3-2574-2.0	NDE-66	VT-3	NA		0.000 / 18.000			F01.032.151
C2.F1.32.0017 2-R-TE-0025 Mech Snubber	TE Class 3	CN-2492-TE001 CN-ISIN3-2593-1.2	NDE-66	VT-3	NA		0.000 / 12.000			F01.032.201
C2.F1.40.0001 2PZR-LUGS Rigid Support	NC Class 1	CNM 2201.01.110 CN-ISIN3-2553-1.0 CN-1070-15	NDE-66	VT-3	NA		4.000 / 0.000		PZR Seimic Lugs (Item Nos. 10A, 10B, 10C, 10D) and Upper Support Frame.	F01.040.001
C2.F1.40.0004 2RCPA-COLUMNS Rigid Support	NC Class 1	CN-1070-9 CN-ISIN3-2553-1.0	NDE-66	VT-3	NA		0.000 / 0.000		Reactor Coolant Pump 2A Support Columns (3 Assemblies).	F01.040.004
C2.F1.40.0012 2ELDHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-37 CN-ISIN3-2554-1.0	NDE-66	VT-3	NA		0.375 / 0.000		Excess Letdown Heat Exchanger Support.	F01.040.102
C2.F1.40.0013 2REGHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-31 CN-ISIN3-2554-1.0	NDE-66	VT-3	NA		0.250 / 0.000		Regenerative Heat Exchanger Support (6 Brackets). Reference PIP Serial No. C-06-05445.- Added Third Interval.	F01.040.103
C2.F1.40.0014 2VCT-SUPPORT Rigid Support	NV Class 2	CNM 2201.04-0007 CN-ISIN3-2554-1.1	NDE-66	VT-3	NA		0.250 / 0.000		Volume Control Tank Support (4 Legs). Reference PIP Serial No. C-06-05445 - Added 3rd Interval.	F01.040.104
C2.F1.40.0016 2LDHX-SUPPORT Rigid Support	NV Class 2	CNM 1201.06-58 CN-ISIN3-2554-1.6	NDE-66	VT-3	NA		0.000 / 0.000		Vertical Letdown Heat Exchanger Support.	F01.040.106

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.40.0019 2CCPA-SUPPORT Rigid Support	NV Class 2	CNM 1201.05-144 CN-ISIN3-2554-1.7	NDE-66	VT-3	NA		1.000 / 0.000		F01.040.109 Centrifugal Charging Pump 2A Support.
C2.F1.40.0020 2RHRPA-SUPPORT Rigid Support	ND Class 2	CNM 1201.05-289 CN-ISIN3-2561-1.0	NDE-66	VT-3	NA		1.000 / 0.000		F01.040.110 Residual Heat Removal Pump 2A Support.
C2.F1.40.0021 2RHRA-SKIRT Rigid Support	ND Class 2	CNM 1201.06-38 CN-ISIN3-2561-1.1 CNM 1201.06-83	NDE-66	VT-3	NA		0.750 / 0.000		F01.040.111 Residual Heat Removal Heat Exchanger 2A Support Skirt.
C2.F1.40.0028 2KCHXA-SUPPORT Rigid Support	KC Class 3	CNM 1201.06-51 CN-ISIN3-2573-1.0	NDE-66	VT-3	NA		0.500 / 0.000		F01.040.204 Component Cooling Heat Exchanger 2A Support (4 Saddle Supports). Reference PIP Serial No. C-06-05445 - Added Third Interval.
C2.F1.40.0030 2KCSTA-SUPPORT Rigid Support	KC Class 3	CNM 1148.00-86 CN-ISIN3-2573-1.1	NDE-66	VT-3	NA		0.500 / 0.000		F01.040.206 Component Cooling Surge Tank 2A (2 Saddle Supports). Reference PIP Serial No. C-06-05445 - Added Third Interval.
C2.F1.40.0033 2DGEJWCA-SUPPORT Rigid Support	KD Class 3	CNM 1301.001-041 CN-ISIN3-2609-1.0	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.209 Diesel Generator Engine Jacket Water Cooler 2A Support (3 Saddle Supports). Reference PIP Serial No. C-06-05445 - Added Third Interval.
C2.F1.40.0034 2LDCA-SUPPORT Rigid Support	LD Class 3	CNM 1301.001-042 CN-ISIN3-2609-2.0	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.210 Diesel Generator Engine Lube Oil Cooler 2A Support (2 Saddle Supports). Reference PIP Serial No. C-06-05445 - Added Third Interval.
C2.F1.40.0035 2LDFA-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-140 CN-ISIN3-2609-2.0	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.211 Diesel Generator Engine Lube Oil Filter 2A Support. Reference PIP Serial No. C-06-05445 - Added Third Interval.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.40.0036 2LDSA1-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-320 CN-ISIN3-2609-2.0	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.212 Diesel Generator Engine Lube Oil Strainer 2A1 Support. Reference PIP Serial No. C-06-05445 - Added Third Interval.
C2.F1.40.0037 2LDSTA-SUPPORT Rigid Support	LD Class 3	CNM 1301.00-268 CN-ISIN3-2609-2.0	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.213 Diesel Generator Engine Lube Oil Sump Tank 2A Support (2 Saddle Supports). Reference PIP Serial No. C-06-05445 - Added Third Interval.
C2.F1.40.0088 2FWST-SUPPORT Rigid Support	FW Class 3	CNM 1148.00-0050 CN-ISIN3-2571-1.0	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.116 Refueling Water Storage Tank Support. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval.
C2.F1.40.0089 2DGEA-SUPPORT Rigid Support	Class 3	CNM 1301.00-0004 CN-ISIN3-2609-01.00 CNM 1301.00-0001	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.201 Diesel Generator Engine 2A Support including Turbocharger / Aftercooler / Engine Jacket / Engine Driven Lube Oil Pump. Reference PIP Serial No. C-06-05445 - Missed Second Interval
C2.F1.40.0090 2DGEIAFA1-SUPPORT Rigid Support	VN Class 3	CNM 1301.00-0130 CN-ISIN3-2609-05.00 CN-2493-VN001	NDE-66	VT-3	NA		0.250 / 0.000		F01.040.217 Diesel Generator Engine Intake Air Filter 2A1 (4 Support Pads). Reference Support Sketch 2-R-VN-0087. Reference PIP Serial No. C-06-05445 - Added 3rd Interval
C2.F1.40.0091 2DGEJWSTPA-SUPPORT Rigid Support	KD Class 3	CNM 1301.00-0105 CN-ISIN3-2609-01.00 CNM 1301.00-0106	NDE-66	VT-3	NA		1.000 / 0.000		F01.040.218 Diesel Generator Engine Jacket Water Standpipe 2A Support. Reference PIP Serial No. C-06-05445 - Missed 2nd Interval

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.40.0092 2RPV-CRDM Rigid Support	NC Class 1	CNM 1201.13-0033 CN-ISIN3-2553-1.0	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.011 Reactor Vessel CRDM Seismic Support (Turnbuckles) The inspection scope includes the (3) clevises (item 7, ref [1]), (3) 5" jam nuts (item 18, ref [1]) , (3) lifting legs (item 04, ref [1]), (3) leveling nuts (item 14, ref [1]), (3) leveling rings (item 13, ref [1]), the platform weldment (item 01, ref [2], the type E, and G seismic plates (items 03, 59 and 02 of ref [2]) with clip assemblies. The stability of clip assemblies should be verified in accordance with note 15 of ref [2]. An inspection of the 32 gaps between the screw pads (item16 of ref [2]) and the seismic spacer plates should be verified. In addition, the 12 gaps between the item 49 (ref [2]) shim blocks and the seismic spacer plates should also be included as part of the VT-3 inspection scope. References: 1) CNM-1201.10-0052 2) CNM-1201.13-0033 shts 1, 2 and 3 . To be examined prior to disassembly. Reference PIP C-07-0193.
C2.F1.40.0093 2RHRPA-LATERAL Rigid Support	ND Class 2	CNM 1201.05-289 CN-ISIN3-2561-1.0	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.117 Residual Heat Removal Pump 2A Lateral Support. Reference PIP C-07-0193.
C2.F1.40.0094 2NSPA-LATERAL Rigid Support	NS Class 2	CNM 1201.05-126 CN-ISIN3-2563-1.0 CN-1220-21	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.118 Containment Spray Pump 2A Lateral Support. Reference PIP C-07-0193. Reference Drawings CN-1220-21.001 and CN-1220-83.
C2.F1.40.0095 2NSPAM-LATERAL Rigid Support	NS Class 2	CNM 1201.05-126 CN-ISIN3-2563-1.0 CN-1220-83	NDE-66	VT-3	NA		0.000 / 0.000		F01.040.119 Containment Spray Pump 2A Lateral Support. Reference PIP C-07-0193.
C2.F1.40.0096 2LDHX-LATERAL Rigid Supports	NV Class 3	2-E-NV-0001 CN-ISIN3-2554-1.6 CNM 1201.06-58	NDE-66	VT-3	NA		0.500 / 0.000		F01.040.219 Vertical Letdown Heat Exchanger Lateral Support (Top of HX). Examine with D01.010.061. Reference PIP C-07-0193.

Summary Num Component ID / Type	System	ISO/DWG Numbers	Procedure	Insp Req	Mat	Sched	Thick/Dia	Cal Blocks	Comments / Historical Data
Category F-A									
C2.F1.40.0097									F01.040.220
2SWHX-SUPPORT Rigid Support	NV Class 3	2-E-NV-0002 CN-ISIN3-2554-1.6 CNM 1201.06-50	NDE-66	VT-3	NA		0.750 / 0.000		Seal Water Heat Exchanger Lateral Support. Reference PIP C-07-0193.
C2.F1.40.0100									F01.040.221
2RHRHXB-LATERAL Rigid Support	ND Class 1	2-E-ND-0002 CN-ISIN3-2561-1.1 CNM 1201.06.38	NDE-66	VT-3	NA		0.500 / 0.000		Residual Heat Removal Heat Exchanger 2B Lateral Support. (Top of HX). Examine with D01.010.051. Reference PIP C-07-0193.

End of Report

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 / Elective 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)	=	Y Yes N No
RFR (Relief Request)	=	Y Yes N No
COMMENTS	=	General and / or Detail Description

4.1 Reportable Indications

A reportable indication was detected by radiographic examination during EOC13 on the 2C Steam Generator to Hot Leg Weld (Weld ID 2SGC-INLET-SE & 2NC13-02, ISI Item Numbers B05.070.005 and B05.130.010 respectively), that was dispositioned as acceptable, based on an analytical evaluation (Calculation CNC-2201.01-00-0006), as allowed by ASME Section XI, IWB-3132.4. A radiographic reexamination of the weld area containing the flaw during EOC15, revealed that the flaw remains essentially unchanged.

A copy of the inspection data sheets for Weld ID Numbers 2SGC-INLET-SE & 2NC13-02 (Summary Numbers C2.B5.070.005 and C2.B9.11.0010 respectively), are included in this section of the report.

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. This information will be on file at The Duke Energy Corporate Office in Charlotte, North Carolina. Reference Subsection 1.3 for additional information.

Summary Number	Relief Request Serial Numbers
C2.B1.22.0001	To be filed later
C2.B3.110.0002	To be filed later
C2.B3.110.0006	To be filed later
C2.B9.11.0037	To be filed later
C2.B9.11.0052	To be filed later
C2.B9.11.0099	To be filed later
C2.C1.10.0007	To be filed later
C2.C1.20.0002	To be filed later
C2.C1.20.0019	To be filed later
C2.C1.30.0008	To be filed later
C2.C1.30.0009	To be filed later
C2.C5.11.0071	To be filed later
C2.C5.11.0074	To be filed later
C2.C5.11.0146	To be filed later
C2.C5.21.0053	To be filed later
C2.C5.21.0054	To be filed later
C2.C5.21.0057	To be filed later

DUKE ENERGY CORPORATION
QUALITY ASSURANC TECHNICAL SERVICES
Inservice Inspection Database Management System
Inspection Results
Catawba 2, 3rd Interval, Outage 2 (EOC-15)

ISI Results through Plan Addenda 3CNS2-024

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.B1.21.0002	2RPV-102-101	NC	10/03/07	CLR	93.20%	N	N	UT-07-869
C2.B1.22.0001	2RPV-101-104A	NC	10/03/07	CLR	63.90%	N	Y	UT-07-870 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.B1.22.0002	2RPV-101-104B	NC	10/03/07	CLR	N	N	N	UT-07-871
C2.B1.22.0003	2RPV-101-104C	NC	10/03/07	CLR	N	N	N	UT-07-872
C2.B1.22.0004	2RPV-101-104D	NC	10/03/07	CLR	N	N	N	UT-07-873
C2.B1.30.0001	2RPV-101-121	NC	10/15/07	CLR	N	N	N	UT-07-808
C2.B1.40.0001	2RPV-101-101	NC	10/03/07	CLR	N	N	N	MT-07-127
		NC	10/03/07	CLR	94.11%	N	N	UT-07-878
C2.B10.10.0002	2PZR-W10A	NC	10/17/07	CLR	N	N	N	MT-07-139
C2.B12.50.0001	2NC-1	NC	09/29/07	CLR	N	N	N	VT-NA
C2.B12.50.0006	2ND-37A	ND	10/08/07	CLR	N	N	N	VT-07-749

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.B12.50.0029	2NI-82	NI	10/09/07	CLR	N	N	N	VT-07-748
C2.B13.10.0001	2RPV-INTERIOR	NC	10/19/07	CLR	N	N	N	VT-07-754
C2.B14.10.0001	2RPV-CRDM58	NC	10/02/07	CLR	N	N	N	PT-07-502
C2.B14.10.0002	2RPV-CRDM62	NC	10/02/07	CLR	N	N	N	PT-07-500
C2.B14.10.0003	2RPV-CRDM70	NC	10/02/07	CLR	N	N	N	PT-07-503
C2.B2.11.0002	2PZR-W8E	NC	09/16/07	CLR	96.50%	N	N	UT-07-715
C2.B3.110.0002	2PZR-W2	NC	09/16/07	CLR	81.70%	N	Y	UT-07-716 Reference PIP#C-07-07214 Request for Relief to be Filed Later
		NC	09/16/07	CLR	81.70%	N	Y	UT-07-718 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.B3.110.0006	2PZR-W4C	NC	09/16/07	CLR	81.20%	N	Y	UT-07-717 Reference PIP#C-07-07214 Request for Relief to be Filed Later
		NC	09/16/07	CLR	81.20%	N	Y	UT-07-719 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.B3.120.0002	2PZR-W2	NC	09/16/07	CLR	N	N	N	UT-07-720
C2.B3.120.0006	2PZR-W4C	NC	09/16/07	CLR	N	N	N	UT-07-721

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.B3.140.0003	2SGB-INLET	NC	09/20/07	CLR	N	N	N	UT-07-723
C2.B3.140.0004	2SGB-OUTLET	NC	09/20/07	CLR	N	N	N	UT-07-722
C2.B5.10.0009	2RPV-W80-101SE	NC	10/02/07	CLR	N	N	N	PT-07-498
		NC	10/02/07	CLR	95.00%	N	N	UT-07-777
C2.B5.10.0010	2RPV-W81-101SE	NC	10/02/07	CLR	N	N	N	PT-07-504
		NC	10/02/07	CLR	95.00%	N	N	UT-07-778
C2.B5.10.0011	2RPV-W82-101SE	NC	10/02/07	CLR	N	N	N	PT-07-496
		NC	10/02/07	CLR	95.00%	N	N	UT-07-781
C2.B5.10.0012	2RPV-W79-101SE	NC	10/02/07	CLR	N	N	N	PT-07-505
		NC	10/02/07	CLR	95.00%	N	N	UT-07-782
C2.B5.70.0005	2SGC-INLET-SE	NC	10/12/07	REJ	N	N	N	RT-NA Reportable indication detected during EOC13 was reexamined during EOC15. A radiographic reexamination of the weld area containing the flaw during EOC15, revealed that the flaw remains essentially unchanged.
C2.B6.40.0001	2RPV-THREAD-01	NC	10/15/07	CLR	N	N	N	UT-07-809
C2.B6.40.0002	2RPV-THREAD-02	NC	10/15/07	CLR	N	N	N	UT-07-810
C2.B6.40.0003	2RPV-THREAD-03	NC	10/15/07	CLR	N	N	N	UT-07-811

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	..o Ref	RFR	Comment
C2.B6.40.0004	2RPV-THREAD-04	NC	10/15/07	CLR	N	N	N	UT-07-812
C2.B6.40.0005	2RPV-THREAD-05	NC	10/15/07	CLR	N	N	N	UT-07-813
C2.B6.40.0006	2RPV-THREAD-06	NC	10/15/07	CLR	N	N	N	UT-07-814
C2.B6.40.0007	2RPV-THREAD-07	NC	10/15/07	CLR	N	N	N	UT-07-815
C2.B6.40.0008	2RPV-THREAD-08	NC	10/15/07	CLR	N	N	N	UT-07-816
C2.B6.40.0009	2RPV-THREAD-09	NC	10/15/07	CLR	N	N	N	UT-07-817
C2.B6.40.0010	2RPV-THREAD-10	NC	10/15/07	CLR	N	N	N	UT-07-818
C2.B6.40.0011	2RPV-THREAD-11	NC	10/15/07	CLR	N	N	N	UT-07-819
C2.B6.40.0012	2RPV-THREAD-12	NC	10/15/07	CLR	N	N	N	UT-07-820
C2.B6.40.0013	2RPV-THREAD-13	NC	10/15/07	CLR	N	N	N	UT-07-821
C2.B6.40.0014	2RPV-THREAD-14	NC	10/15/07	CLR	N	N	N	UT-07-822
C2.B6.40.0015	2RPV-THREAD-15	NC	10/15/07	CLR	N	N	N	UT-07-823
C2.B6.40.0016	2RPV-THREAD-16	NC	10/15/07	CLR	N	N	N	UT-07-824
C2.B6.40.0017	2RPV-THREAD-17	NC	10/15/07	CLR	N	N	N	UT-07-825

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.B6.40.0018	2RPV-THREAD-18	NC	10/15/07	CLR	N	N	N	UT-07-826
C2.B6.40.0019	2RPV-THREAD-19	NC	10/15/07	CLR	N	N	N	UT-07-827
C2.B6.40.0020	2RPV-THREAD-20	NC	10/15/07	CLR	N	N	N	UT-07-828
C2.B6.40.0021	2RPV-THREAD-21	NC	10/15/07	CLR	N	N	N	UT-07-829
C2.B6.40.0022	2RPV-THREAD-22	NC	10/15/07	CLR	N	N	N	UT-07-830
C2.B6.40.0023	2RPV-THREAD-23	NC	10/15/07	CLR	N	N	N	UT-07-831
C2.B6.40.0024	2RPV-THREAD-24	NC	10/15/07	CLR	N	N	N	UT-07-832
C2.B6.40.0025	2RPV-THREAD-25	NC	10/15/07	CLR	N	N	N	UT-07-833
C2.B6.40.0026	2RPV-THREAD-26	NC	10/15/07	CLR	N	N	N	UT-07-834
C2.B6.40.0027	2RPV-THREAD-27	NC	10/15/07	CLR	N	N	N	UT-07-835
C2.B6.40.0028	2RPV-THREAD-28	NC	10/15/07	CLR	N	N	N	UT-07-836
C2.B6.40.0029	2RPV-THREAD-29	NC	10/15/07	CLR	N	N	N	UT-07-837
C2.B6.40.0030	2RPV-THREAD-30	NC	10/15/07	CLR	N	N	N	UT-07-838
C2.B6.40.0031	2RPV-THREAD-31	NC	10/15/07	CLR	N	N	N	UT-07-839

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.B6.40.0032	2RPV-THREAD-32	NC	10/15/07	CLR	N	N	N	UT-07-840
C2.B6.40.0033	2RPV-THREAD-33	NC	10/15/07	CLR	N	N	N	UT-07-841
C2.B6.40.0034	2RPV-THREAD-34	NC	10/15/07	CLR	N	N	N	UT-07-842
C2.B6.40.0035	2RPV-THREAD-35	NC	10/15/07	CLR	N	N	N	UT-07-843
C2.B6.40.0036	2RPV-THREAD-36	NC	10/15/07	CLR	N	N	N	UT-07-844
C2.B6.40.0037	2RPV-THREAD-37	NC	10/15/07	CLR	N	N	N	UT-07-845
C2.B6.40.0038	2RPV-THREAD-38	NC	10/15/07	CLR	N	N	N	UT-07-846
C2.B6.40.0039	2RPV-THREAD-39	NC	10/15/07	CLR	N	N	N	UT-07-847
C2.B6.40.0040	2RPV-THREAD-40	NC	10/15/07	CLR	N	N	N	UT-07-848
C2.B6.40.0041	2RPV-THREAD-41	NC	10/15/07	CLR	N	N	N	UT-07-849
C2.B6.40.0042	2RPV-THREAD-42	NC	10/15/07	CLR	N	N	N	UT-07-850
C2.B6.40.0043	2RPV-THREAD-43	NC	10/15/07	CLR	N	N	N	UT-07-851
C2.B6.40.0044	2RPV-THREAD-44	NC	10/15/07	CLR	N	N	N	UT-07-852
C2.B6.40.0045	2RPV-THREAD-45	NC	10/15/07	CLR	N	N	N	UT-07-853

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Exp Ref	RFR	Comment
C2.B6.40.0046	2RPV-THREAD-46	NC	10/15/07	CLR	N	N	N	UT-07-854
C2.B6.40.0047	2RPV-THREAD-47	NC	10/15/07	CLR	N	N	N	UT-07-855
C2.B6.40.0048	2RPV-THREAD-48	NC	10/15/07	CLR	N	N	N	UT-07-856
C2.B6.40.0049	2RPV-THREAD-49	NC	10/15/07	CLR	N	N	N	UT-07-857
C2.B6.40.0050	2RPV-THREAD-50	NC	10/15/07	CLR	N	N	N	UT-07-858
C2.B6.40.0051	2RPV-THREAD-51	NC	10/15/07	CLR	N	N	N	UT-07-859
C2.B6.40.0052	2RPV-THREAD-52	NC	10/15/07	CLR	N	N	N	UT-07-860
C2.B6.40.0053	2RPV-THREAD-53	NC	10/15/07	CLR	N	N	N	UT-07-861
C2.B6.40.0054	2RPV-THREAD-54	NC	10/15/07	CLR	N	N	N	UT-07-862
C2.B7.30.0001	2SGA-MW-X-Y	NC	09/21/07	CLR	N	N	N	VT-07-738
C2.B7.30.0002	2SGA-MW-Y-Z	NC	09/21/07	CLR	N	N	N	VT-07-739
C2.B7.50.0004	2NV209-MJ1	NV	09/26/07	CLR	N	N	N	VT-07-720
C2.B7.50.0005	2NV209-MJ2	NV	09/26/07	CLR	N	N	N	VT-07-719
C2.B7.50.0006	2NV222-MJ1	NV	09/26/07	CLR	N	N	N	VT-07-721

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	o Ref	RFR	Comment
C2.B7.50.0007	2NV222-MJ2	NV	09/26/07	CLR	N	N	N	VT-07-722
C2.B7.50.0011	2NC257-MJ1	NC	11/05/07	CLR	N	N	N	VT-07-760
C2.B7.50.0012	2NC257-MJ2	NC	11/05/07	CLR	N	N	N	VT-07-761
C2.B7.60.0001	2RCP-2A-S	NC	09/26/07	CLR	N	N	N	VT-07-723
C2.B7.60.0002	2RCP-2A-H	NC	09/26/07	CLR	N	N	N	VT-07-724
C2.B9.11.0010	2NC13-2	NC	10/12/07	REJ	N	N	N	RT-NA Reportable indication detected during EOC13 was reexamined during EOC15. A radiographic reexamination of the weld area containing the flaw during EOC15, revealed that the flaw remains essentially unchanged.
C2.B9.11.0017	2RPV-W79-101	NC	10/02/07	CLR	N	N	N	PT-07-506
		NC	10/02/07	CLR	N	N	N	UT-07-779
C2.B9.11.0018	2RPV-W80-101	NC	10/02/07	CLR	N	N	N	PT-07-499
		NC	10/02/07	CLR	N	N	N	UT-07-776
C2.B9.11.0019	2RPV-W81-101	NC	10/02/07	CLR	N	N	N	PT-07-501
		NC	10/02/07	CLR	N	N	N	UT-07-775
C2.B9.11.0020	2RPV-W82-101	NC	10/02/07	CLR	N	N	N	PT-07-497
		NC	10/02/07	CLR	N	N	N	UT-07-780

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Relief Ref	RFR	Comment
C2.B9.11.0024	2NC117-6	NC	09/16/07	CLR	N	N	N	PT-07-450
		NC	09/16/07	CLR	N	Y	N	UT-07-713
C2.B9.11.0036	2NC25-4	NC	10/16/07	CLR	N	N	N	PT-07-524
		NC	10/16/07	CLR	N	N	N	UT-07-867
C2.B9.11.0037	2NC25-5	NC	10/16/07	CLR	N	N	N	PT-07-525
		NC	10/16/07	CLR	64.60%	N	Y	UT-07-868
								Reference PIP#C-07-07214. Request for Relief to be Filed Later
C2.B9.11.0044	2NC33-10	NC	09/21/07	CLR	N	N	N	PT-07-456
		NC	09/21/07	CLR	N	N	N	UT-07-727
C2.B9.11.0045	2NC33-12	NC	09/21/07	CLR	N	N	N	PT-07-457
		NC	09/21/07	CLR	N	N	N	UT-07-728
C2.B9.11.0047	2NC33-16	NC	09/21/07	CLR	N	N	N	PT-07-458
		NC	09/21/07	CLR	N	N	N	UT-07-729
C2.B9.11.0051	2NC42-8	NC	10/16/07	CLR	N	N	N	PT-07-523
		NC	10/16/07	CLR	N	N	N	UT-07-863
C2.B9.11.0052	2NC43-13	NC	09/24/07	CLR	N	N	N	PT-07-477

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.B9.11.0052	2NC43-13	NC	09/24/07	CLR	62.50%	Y	Y	UT-07-752
								Reference PIP#C-07-07214 Request for Relief to be Filed later
C2.B9.11.0053	2NC44-11	NC	09/24/07	CLR	N	N	N	PT-07-472
		NC	09/24/07	CLR	N	N	N	UT-07-753
C2.B9.11.0056	2NC44-19	NC	09/16/07	CLR	N	N	N	PT-07-451
		NC	09/16/07	CLR	N	Y	N	UT-07-714
C2.B9.11.0058	2NC44-9	NC	09/24/07	CLR	N	N	N	PT-07-473
		NC	09/24/07	CLR	N	Y	N	UT-07-744
C2.B9.11.0059	2NC45-2	NC	09/22/07	CLR	N	N	N	PT-07-464
		NC	09/22/07	CLR	N	N	N	UT-07-736
C2.B9.11.0060	2NC45-3	NC	09/22/07	CLR	N	N	N	PT-07-465
		NC	09/22/07	CLR	N	N	N	UT-07-735
C2.B9.11.0061	2NC46-2	NC	09/24/07	CLR	N	N	N	PT-07-475
		NC	09/24/07	CLR	N	N	N	UT-07-737
C2.B9.11.0062	2NC46-4	NC	09/24/07	CLR	N	N	N	PT-07-476
		NC	09/24/07	CLR	N	N	N	UT-07-738

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Relief Ref	RFR	Comment
C2.B9.11.0063	2NC47-4	NC	09/24/07	CLR	N	N	N	PT-07-474
		NC	09/24/07	CLR	N	N	N	UT-07-739
C2.B9.11.0098	2NI57-2	NI	09/29/07	CLR	N	N	N	PT-07-491
		NI	09/29/07	CLR	N	N	N	UT-07-769
C2.B9.11.0099	2NI59-1	NI	09/30/07	CLR	N	N	N	PT-07-494
		NI	09/30/07	CLR	42.60%	Y	Y	UT-07-773 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.B9.11.0100	2NI59-4	NI	09/29/07	CLR	N	N	N	PT-07-490
		NI	09/29/07	CLR	N	Y	N	UT-07-772
C2.B9.11.0101	2NI61-3	NI	09/29/07	CLR	N	N	N	PT-07-492
		NI	09/29/07	CLR	N	N	N	UT-07-770
C2.B9.11.0102	2NI61-5	NI	09/29/07	CLR	N	N	N	PT-07-493
		NI	09/29/07	CLR	N	N	N	UT-07-771
C2.B9.21.0015	2NC44-21	NC	09/21/07	CLR	N	N	N	PT-07-459
C2.B9.21.0016	2NC44-23	NC	09/21/07	CLR	N	N	N	PT-07-460
C2.B9.21.0017	2NC51-1	NC	09/26/07	CLR	N	N	N	PT-07-484

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Deo Ref	RFR	Comment
C2.B9.21.0018	2NC51-5	NC	09/26/07	CLR	N	N	N	PT-07-485
C2.B9.21.0019	2NC51-8	NC	09/26/07	CLR	N	N	N	PT-07-486
C2.B9.21.0020	2NC52-6	NC	09/26/07	CLR	N	N	N	PT-07-478
C2.B9.21.0021	2NC52-7	NC	09/26/07	CLR	N	N	N	PT-07-479
C2.B9.21.0022	2NC52-8	NC	09/26/07	CLR	N	N	N	PT-07-480
C2.B9.21.0023	2NC53-2	NC	09/26/07	CLR	N	N	N	PT-07-481
C2.B9.21.0024	2NC53-22	NC	09/26/07	CLR	N	N	N	PT-07-482
C2.B9.21.0025	2NC53-3	NC	09/26/07	CLR	N	N	N	PT-07-483
C2.B9.32.0003	2NC9-WN8A	NC	10/05/07	CLR	N	N	N	PT-07-507
C2.B9.40.0021	2NI274-1	NI	09/22/07	CLR	N	N	N	PT-07-466
C2.B9.40.0022	2NI274-2	NI	09/22/07	CLR	N	N	N	PT-07-467
C2.B9.40.0023	2NI274-5	NI	09/22/07	CLR	N	N	N	PT-07-468
C2.C1.10.0004	2ELDHX-SH-FLG	NV	10/12/07	CLR	N	N	N	UT-07-805

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.C1.10.0007	2ARHRHX-5-9	ND	09/29/07	CLR	60.90%	N	Y	RT-NA Reference PIP#C-07-5544 Request for Relief to be Filed Later
C2.C1.10.0008	2BNSHX-50-51A	NS	09/07/07	CLR	N	Y	N	UT-07-710
C2.C1.20.0002	2ELDHX-HD-FLG	NV	10/12/07	CLR	30.60%	N	Y	UT-07-807 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C1.20.0003	2ELDHX-SH-HD	NV	10/12/07	CLR	N	N	N	UT-07-806
C2.C1.20.0013	2ARHRHX-5-6	ND	08/28/07	CLR	N	Y	N	UT-07-678
C2.C1.20.0019	2VCT-LH-SH	NV	10/16/07	CLR	89.40%	N	Y	UT-07-864 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C1.20.0020	2VCT-UH-SH	NV	10/16/07	CLR	N	N	N	UT-07-876
C2.C1.30.0008	2BNSHX-2B-51C	NS	09/13/07	CLR	58.40%	Y	Y	UT-07-711 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C1.30.0009	2BNSHX-2A-50	NS	09/07/07	CLR	38.60%	Y	Y	UT-07-709 Reference PIP#C-07-07214 Request for Relief to be Filed later
C2.C2.11.0004	2VCT-B-2	NV	10/18/07	CLR	N	N	N	PT-07-526

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Exc Ref	RFR	Comment
C2.C2.31.0001	2NSHXB-NA-1	NS	09/07/07	CLR	N	N	N	PT-07-438
C2.C2.31.0002	2NSHXB-NB-1	NS	09/07/07	CLR	N	N	N	PT-07-439
C2.C2.31.0003	2NSHXB-NA-2	NS	09/07/07	CLR	96.92%	N	N	PT-07-440
C2.C2.31.0004	2NSHXB-NB-2	NS	09/07/07	CLR	96.92%	N	N	PT-07-441
C2.C3.10.0001	2RHRHXA-6-23	ND	08/28/07	CLR	N	N	N	PT-07-406
C2.C3.10.0006	2ELDHX-SUPPORT	NV	10/11/07	CLR	N	N	N	PT-07-521
C2.C3.10.0018	2REGHX-SUPPORT	NV	10/24/07	CLR	N	N	N	PT-07-529
C2.C3.10.0019	2VCT-SUPPORT	NV	10/15/07	CLR	N	N	N	PT-07-522
C2.C3.20.0001	2-R-CA-1533	CA	09/23/07	CLR	N	N	N	PT-07-469
C2.C3.20.0002	2-R-CF-1521	CF	09/23/07	CLR	N	N	N	MT-07-136
C2.C3.20.0007	2-R-ND-0019	ND	08/29/07	CLR	N	N	N	PT-07-414
C2.C3.20.0008	2-R-NI-1676	NI	10/10/07	CLR	N	N	N	PT-07-520
C2.C3.20.0011	2-R-NS-0086	NS	09/12/07	CLR	N	N	N	PT-07-448
C2.C3.20.0018	2-R-SM-1559	SM	09/27/07	CLR	N	N	N	MT-07-115

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.C3.30.0004	2CCPA-SUPPORT	NV	01/17/07	CLR	N	N	N	PT-06-392
C2.C5.11.0010	2CA155-24	CA	09/21/07	CLR	N	N	N	PT-07-461
		CA	09/21/07	CLR	N	N	N	UT-07-724
C2.C5.11.0011	2CA155-26	CA	09/21/07	CLR	N	N	N	PT-07-462
		CA	09/21/07	CLR	N	Y	N	UT-07-725
C2.C5.11.0012	2CA155-27	CA	09/21/07	CLR	N	N	N	PT-07-463
		CA	09/21/07	CLR	N	N	N	UT-07-726
C2.C5.11.0070	2ND5-13	ND	08/30/07	CLR	N	N	N	PT-07-417
		ND	08/31/07	CLR	N	Y	N	UT-07-697
C2.C5.11.0071	2ND5-5	ND	08/30/07	CLR	N	N	N	PT-07-418
		ND	08/31/07	CLR	53.00%	N	Y	UT-07-698
								Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C5.11.0072	2ND5-6	ND	08/30/07	CLR	N	N	N	PT-07-419
		ND	08/31/07	CLR	N	N	N	UT-07-687
C2.C5.11.0073	2ND5-7	ND	08/30/07	CLR	N	N	N	PT-07-420
		ND	08/31/07	CLR	N	N	N	UT-07-688

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	o Ref	RFR	Comment
C2.C5.11.0074	2ND5-8	ND	08/30/07	CLR	N	N	N	PT-07-421
		ND	08/31/07	CLR	53.00%	N	Y	UT-07-699
								Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C5.11.0075	2ND40-13	ND	08/29/07	CLR	N	N	N	PT-07-415
		ND	08/29/07	CLR	N	N	N	UT-07-691
C2.C5.11.0076	2ND5-14	ND	08/30/07	CLR	N	N	N	PT-07-422
		ND	08/31/07	CLR	N	Y	N	UT-07-690
C2.C5.11.0077	2ND40-15	ND	08/29/07	CLR	N	N	N	PT-07-416
		ND	08/29/07	CLR	N	N	N	UT-07-692
C2.C5.11.0078	2ND5-4	ND	08/30/07	CLR	N	N	N	PT-07-423
		ND	08/31/07	CLR	N	N	N	UT-07-689
C2.C5.11.0079	2ND3-2	ND	08/29/07	CLR	N	N	N	PT-07-409
		ND	08/29/07	CLR	N	N	N	UT-07-683
C2.C5.11.0080	2ND3-3	ND	08/29/07	CLR	N	N	N	PT-07-410
		ND	08/29/07	CLR	N	Y	N	UT-07-684
C2.C5.11.0081	2ND3-4	ND	08/29/07	CLR	N	N	N	PT-07-411

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.C5.11.0081	2ND3-4	ND	08/29/07	CLR	N	N	N	UT-07-682
C2.C5.11.0082	2ND4-1	ND	08/30/07	CLR	N	N	N	PT-07-424
		ND	08/31/07	CLR	N	N	N	UT-07-693
C2.C5.11.0083	2ND4-3	ND	08/30/07	CLR	N	N	N	PT-07-425
		ND	08/31/07	CLR	N	Y	N	UT-07-694
C2.C5.11.0084	2ND4-5	ND	08/30/07	CLR	N	N	N	PT-07-449
		ND	08/31/07	CLR	N	Y	N	UT-07-695
C2.C5.11.0085	2ND4-9	ND	08/30/07	CLR	N	N	N	PT-07-426
		ND	08/31/07	CLR	N	N	N	UT-07-696
C2.C5.11.0086	2NI69-2	NI	10/09/07	CLR	N	N	N	PT-07-516
		NI	10/09/07	CLR	N	N	N	UT-07-792
C2.C5.11.0087	2NI69-5	NI	10/09/07	CLR	N	N	N	PT-07-517
		NI	10/09/07	CLR	N	Y	N	UT-07-793
C2.C5.11.0088	2NI69-7	NI	10/09/07	CLR	N	N	N	PT-07-518
		NI	10/09/07	CLR	N	N	N	UT-07-794
C2.C5.11.0089	2NI69-8	NI	10/09/07	CLR	N	N	N	PT-07-519

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.C5.11.0089	2NI69-8	NI	10/09/07	CLR	N	N	N	UT-07-795
C2.C5.11.0107	2NI85-1	NI	09/28/07	CLR	N	N	N	PT-07-487
		NI	09/28/07	CLR	N	N	N	UT-07-759
C2.C5.11.0108	2NI85-10	NI	09/28/07	CLR	N	N	N	PT-07-488
		NI	09/28/07	CLR	N	N	N	UT-07-760
C2.C5.11.0109	2NI85-11	NI	09/28/07	CLR	N	N	N	PT-07-489
		NI	09/28/07	CLR	N	N	N	UT-07-761
C2.C5.11.0141	2NI90-7	NI	10/09/07	CLR	N	N	N	PT-07-512
		NI	10/09/07	CLR	N	N	N	UT-07-798
C2.C5.11.0142	2NI90-8	NI	10/09/07	CLR	N	N	N	PT-07-513
		NI	10/09/07	CLR	N	N	N	UT-07-799
C2.C5.11.0143	2NI90-11	NI	10/09/07	CLR	N	N	N	PT-07-514
		NI	10/09/07	CLR	N	N	N	UT-07-800
C2.C5.11.0144	2NI90-12	NI	10/09/07	CLR	N	N	N	PT-07-515
		NI	10/09/07	CLR	N	N	N	UT-07-801
C2.C5.11.0146	2NS32-1	NS	09/05/07	CLR	N	N	N	PT-07-433

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	...eo Ref	RFR	Comment
C2.C5.11.0146	2NS32-1	NS	09/06/07	CLR	41.10%	N	Y	UT-07-712
								Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C5.21.0001	2CA112-57	CA	10/05/07	CLR	N	N	N	PT-07-508
		CA	10/05/07	CLR	N	N	N	UT-07-787
C2.C5.21.0005	2NI100-15	NI	08/28/07	CLR	N	N	N	PT-07-407
		NI	08/29/07	CLR	N	N	N	UT-07-679
C2.C5.21.0006	2NI100-16	NI	08/28/07	CLR	N	N	N	PT-07-408
		NI	10/20/07	CLR	N	N	N	UT-07-877
C2.C5.21.0007	2NI100-7	NI	08/29/07	CLR	N	N	N	PT-07-412
		NI	08/29/07	CLR	N	N	N	UT-07-680
C2.C5.21.0008	2NI100-8	NI	08/29/07	CLR	N	N	N	PT-07-413
		NI	08/29/07	CLR	N	N	N	UT-07-681
C2.C5.21.0009	2NI106-1	NI	09/07/07	CLR	N	N	N	PT-07-442
		NI	09/07/07	CLR	N	N	N	UT-07-704
C2.C5.21.0010	2NI106-10	NI	09/07/07	CLR	N	N	N	PT-07-443
		NI	09/07/07	CLR	N	N	N	UT-07-705

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Exc Ref	RFR	Comment
C2.C5.21.0011	2NI106-5	NI	09/07/07	CLR	N	N	N	PT-07-444
		NI	09/07/07	CLR	N	N	N	UT-07-706
C2.C5.21.0012	2NI106-6	NI	09/07/07	CLR	N	N	N	PT-07-445
		NI	09/07/07	CLR	N	N	N	UT-07-707
C2.C5.21.0013	2NI114-1	NI	10/18/07	CLR	N	N	N	PT-07-527
		NI	10/18/07	CLR	N	Y	N	UT-07-874
C2.C5.21.0014	2NI114-10	NI	10/18/07	CLR	N	N	N	PT-07-528
		NI	10/18/07	CLR	N	Y	N	UT-07-875
C2.C5.21.0045	2NV126-1	NV	09/06/07	CLR	N	N	N	PT-07-434
		NV	09/06/07	CLR	N	N	N	UT-07-700
C2.C5.21.0046	2NV126-2	NV	09/06/07	CLR	N	N	N	PT-07-435
		NV	09/06/07	CLR	N	N	N	UT-07-701
C2.C5.21.0047	2NV126-4	NV	09/06/07	CLR	N	N	N	PT-07-436
		NV	09/06/07	CLR	N	N	N	UT-07-702
C2.C5.21.0048	2NV126-3	NV	09/06/07	CLR	N	N	N	PT-07-437
		NV	09/06/07	CLR	N	N	N	UT-07-703

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.C5.21.0049	2NV13-1	NV	09/11/07	CLR	N	N	N	PT-07-452
		NV	09/11/07	CLR	90.08%	N	N	UT-07-708
C2.C5.21.0050	2NV14-14	NV	08/22/07	CLR	N	N	N	PT-07-394
		NV	08/23/07	CLR	N	N	N	UT-07-668
C2.C5.21.0051	2NV14-1	NV	08/22/07	CLR	N	N	N	PT-07-427
		NV	08/23/07	CLR	N	N	N	UT-07-672
C2.C5.21.0052	2NV14-10	NV	08/22/07	CLR	N	N	N	PT-07-395
		NV	08/23/07	CLR	N	N	N	UT-07-669
C2.C5.21.0053	2NV14-2	NV	08/23/07	CLR	N	N	N	PT-07-393
		NV	08/23/07	CLR	86.90%	N	Y	UT-07-673 Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C5.21.0054	2NV14-3	NV	08/22/07	CLR	N	N	N	PT-07-428
		NV	08/23/07	CLR	84.20%	N	Y	UT-07-674 Reference PIP#C-07-07214 Request for relief to be Filed Later
C2.C5.21.0055	2NV14-4	NV	08/22/07	CLR	N	N	N	PT-07-429
		NV	08/23/07	CLR	N	N	N	UT-07-670

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.C5.21.0056	2NV14-7	NV	08/22/07	CLR	N	N	N	PT-07-396
		NV	08/23/07	CLR	N	N	N	UT-07-671
C2.C5.21.0057	2NV15-1	NV	08/22/07	CLR	N	N	N	PT-07-397
		NV	08/23/07	CLR	86.90%	N	Y	UT-07-675
								Reference PIP#C-07-07214 Request for Relief to be Filed Later
C2.C5.21.0058	2NV15-8	NV	08/22/07	CLR	N	N	N	PT-07-398
		NV	08/23/07	CLR	N	N	N	UT-07-677
C2.C5.21.0059	2NV15-3	NV	08/22/07	CLR	N	N	N	PT-07-399
		NV	08/23/07	CLR	N	N	N	UT-07-676
C2.C5.30.0001	2CA53-10	CA	10/01/07	CLR	N	N	N	PT-07-495
C2.C5.30.0003	2NI200-10	NI	08/24/07	CLR	N	N	N	PT-07-400
C2.C5.30.0004	2NI200-13	NI	08/24/07	CLR	N	N	N	PT-07-401
C2.C5.30.0005	2NI200-19	NI	08/24/07	CLR	N	N	N	PT-07-402
C2.C5.30.0006	2NI255-10	NI	09/05/07	CLR	N	N	N	PT-07-431
C2.C5.30.0007	2NI255-12	NI	09/05/07	CLR	N	N	N	PT-07-432

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.C5.30.0022	2NV192-3	NV	10/09/07	CLR	N	N	N	PT-07-509
C2.C5.30.0023	2NV192-4	NV	10/09/07	CLR	N	N	N	PT-07-510
C2.C5.30.0024	2NV192-5	NV	10/09/07	CLR	N	N	N	PT-07-511
C2.C5.51.0003	2CA60-11	CA	10/07/07	CLR	N	N	N	MT-07-128
		CA	10/09/07	CLR	N	N	N	UT-07-790
C2.C5.51.0004	2CA60-7	CA	10/07/07	CLR	N	N	N	MT-07-129
		CA	10/09/07	CLR	N	Y	N	UT-07-791
C2.C5.51.0006	2CA67-3	CA	10/07/07	CLR	N	N	N	MT-07-130
		CA	10/09/07	CLR	N	Y	N	UT-07-796
C2.C5.51.0007	2CA67-5	CA	10/07/07	CLR	N	N	N	MT-07-131
		CA	10/09/07	CLR	N	Y	N	UT-07-797
C2.C5.51.0015	2CF57-4	CF	09/28/07	CLR	N	N	N	MT-07-125
		CF	09/28/07	CLR	N	Y	N	UT-07-762
C2.C5.51.0016	2CF64-28	CF	10/07/07	CLR	N	N	N	MT-07-132
		CF	10/10/07	CLR	N	Y	N	UT-07-802

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.C5.51.0017	2CF64-35	CF	10/09/07	CLR	N	N	N	MT-07-135
		CF	10/10/07	CLR	N	Y	N	UT-07-803
C2.C5.51.0030	2SM11-2	SM	10/07/07	CLR	N	N	N	MT-07-133
		SM	10/08/07	CLR	N	N	N	UT-07-788
C2.C5.51.0031	2SM11-3	SM	10/07/07	CLR	N	N	N	MT-07-134
		SM	10/08/07	CLR	N	N	N	UT-07-789
C2.C5.51.0041	2SV10-4	SV	10/01/07	CLR	N	N	N	MT-07-126
		SV	10/01/07	CLR	N	N	N	UT-07-774
C2.C5.61.0001	2CA102-2	CA	09/27/07	CLR	N	N	N	MT-07-116
		CA	09/27/07	CLR	N	Y	N	UT-07-758
C2.C5.61.0005	2CA105-5	CA	10/17/07	CLR	N	N	N	MT-07-137
		CA	10/17/07	CLR	N	N	N	UT-07-865
C2.C5.61.0007	2CA103-4	CA	10/17/07	CLR	N	N	N	MT-07-138
		CA	10/17/07	CLR	N	N	N	UT-07-866
C2.C5.70.0006	2CA154-16	CA	09/21/07	CLR	N	N	N	PT-07-454
C2.C5.70.0007	2CA154-17	CA	09/21/07	CLR	N	N	N	PT-07-455

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.C5.70.0009	2CA69-22	CA	09/23/07	CLR	N	N	N	PT-07-470
C2.C5.70.0010	2CA69-23	CA	09/23/07	CLR	N	N	N	PT-07-471
C2.C6.20.0002	2ND-28A	ND	08/24/07	CLR	N	N	N	PT-07-404
C2.C6.20.0003	2ND-33	ND	08/24/07	CLR	N	N	N	PT-07-403
C2.C6.20.0009	2NI-136B	NI	09/11/07	CLR	N	N	N	PT-07-446
C2.C6.20.0010	2NI-342	NI	09/11/07	CLR	N	N	N	PT-07-447
C2.C6.20.0011	2NI-162A	NI	08/24/07	CLR	N	N	N	PT-07-405
C2.C6.20.0013	2NV-91B	NV	09/13/07	CLR	N	N	N	PT-07-453
C2.D1.10.0001	2RNSB-SUPPORT	RN	01/04/07	CLR	N	N	N	VT-07-608
C2.D1.10.0019	2DGEIAFA1-SUPPORT	VN	07/24/07	CLR	N	N	N	VT-07-630
C2.D1.10.0020	2DGEJWCA-SUPPORT	KD	01/03/07	CLR	N	N	N	VT-07-609
C2.D1.10.0021	2DGEJWSTPA-SUPPORT	KD	01/03/07	CLR	N	N	N	VT-07-610
C2.D1.10.0022	2LDCA-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-611
C2.D1.10.0023	2LDFA-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-612

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.D1.10.0024	2LDSA1-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-613
C2.D1.10.0025	2LDSTA-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-614
C2.D1.10.0026	2KCHXA-SUPPORT	KC	01/02/07	CLR	N	N	N	VT-07-615
C2.D1.10.0027	2KCSTA-SUPPORT	KC	01/02/07	CLR	N	N	N	VT-07-616
C2.D1.10.0028	2KFHXA-SUPPORT	KF	01/02/07	CLR	N	N	N	VT-07-617
C2.D1.10.0030	2LDHX-LATERAL	NV	06/26/07	CLR	N	N	N	VT-07-631
C2.D1.10.0031	2SWHX-LATERAL	NV	06/25/07	CLR	N	N	N	VT-07-632
C2.D1.10.0032	2RHRHXB-LATERAL	ND	07/10/07	CLR	N	N	N	VT-07-633
C2.F1.10.0010	2-R-NI-1041	NI	09/22/07	CLR	N	N	N	VT-07-698
C2.F1.10.0011	2-R-NI-1045	NI	09/19/07	CLR	N	N	N	VT-07-682
C2.F1.10.0012	2-R-NI-1052	NI	09/19/07	CLR	N	N	N	VT-07-704
C2.F1.10.0020	2-R-NV-1457	NV	09/19/07	CLR	N	N	N	VT-07-705
C2.F1.10.0021	2-R-NV-1458	NV	09/19/07	CLR	N	N	N	VT-07-718
C2.F1.10.0022	2-R-NV-1461	NV	09/22/07	CLR	N	N	N	VT-07-683

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.F1.11.0001	2-R-NC-1000	NC	09/19/07	CLR	N	N	N	VT-07-717
C2.F1.12.0002	2-R-NC-1008	NC	09/19/07	CLR	N	N	N	VT-07-706
C2.F1.20.0008	2-R-CA-1555	CA	09/21/07	CLR	N	N	N	VT-07-713
C2.F1.20.0010	2-R-CA-1533	CA	09/20/07	CLR	N	N	N	VT-07-711
C2.F1.20.0011	2-R-CF-1521	CF	09/20/07	CLR	N	N	N	VT-07-710
C2.F1.20.0037	2-R-NI-1040	NI	09/22/07	CLR	N	N	N	VT-07-697
C2.F1.20.0038	2-R-NI-1675	NI	10/03/07	CLR	N	N	N	VT-07-737
C2.F1.20.0055	2-R-NS-1207	NS	09/20/07	CLR	N	N	N	VT-07-709
C2.F1.20.0056	2-R-NS-1210	NS	09/20/07	CLR	N	N	N	VT-07-708
C2.F1.20.0057	2-R-NS-1213	NS	09/20/07	CLR	N	N	N	VT-07-707
C2.F1.20.0073	2-R-NV-1035	NV	09/22/07	CLR	N	N	N	VT-07-695
C2.F1.20.0074	2-R-NV-1036	NV	09/22/07	CLR	N	N	N	VT-07-696
C2.F1.20.0075	2-R-NV-1037	NV	09/22/07	CLR	N	N	N	VT-07-694
C2.F1.20.0076	2-R-NV-1013	NV	09/22/07	CLR	N	N	N	VT-07-692

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.F1.20.0077	2-R-NV-1014	NV	09/22/07	CLR	N	N	N	VT-07-693
C2.F1.20.0096	2-R-SA-1505	SA	09/21/07	CLR	N	N	N	VT-07-714
C2.F1.20.0097	2-R-SA-1506	SA	09/25/07	CLR	N	N	N	VT-07-685
C2.F1.20.0098	2-R-SA-1507	SA	09/21/07	CLR	N	N	N	VT-07-712
C2.F1.20.0099	2-R-SA-1508	SA	09/21/07	CLR	N	N	N	VT-07-715
C2.F1.20.0102	2-R-SM-1559	SM	09/25/07	CLR	N	N	N	VT-07-684
C2.F1.21.0006	2-R-FW-0119	FW	06/25/07	CLR	N	N	N	VT-07-634
C2.F1.21.0019	2-R-NI-1034	NI	10/03/07	CLR	N	N	N	VT-07-728
C2.F1.21.0020	2-R-NI-1035	NI	10/03/07	CLR	N	N	N	VT-07-729
C2.F1.21.0021	2-R-NI-1036	NI	09/22/07	CLR	N	N	N	VT-07-691
C2.F1.21.0022	2-R-NI-1038	NI	09/22/07	CLR	N	N	N	VT-07-690
C2.F1.21.0023	2-R-NI-1676	NI	10/03/07	CLR	N	N	N	VT-07-730
C2.F1.21.0060	2-R-NV-1038	NV	09/22/07	CLR	N	N	N	VT-07-689
C2.F1.21.0061	2-R-NV-1040	NV	09/22/07	CLR	N	N	N	VT-07-687

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.F1.21.0062	2-R-NV-1041	NV	09/22/07	CLR	N	N	N	VT-07-688
C2.F1.22.0002	2-R-CA-1645	CA	09/20/07	CLR	N	N	N	VT-07-702
C2.F1.22.0004	2-R-CA-1590	CA	09/20/07	CLR	N	N	N	VT-07-703
C2.F1.22.0005	2-R-CF-1581	CF	10/04/07	CLR	N	N	N	VT-07-734
C2.F1.22.0006	2-R-CF-1584	CF	10/04/07	CLR	N	N	N	VT-07-735
C2.F1.22.0011	2-R-FW-0115	FW	06/25/07	CLR	N	N	N	VT-07-635
C2.F1.22.0021	2-R-NS-0096	NS	06/25/07	CLR	N	N	N	VT-07-636
C2.F1.22.0022	2-R-NS-0086	NS	07/10/07	CLR	N	N	N	VT-07-637
C2.F1.22.0023	2-R-NV-0242	NV	06/25/07	CLR	N	N	N	VT-07-638
C2.F1.22.0024	2-R-NV-0243	NV	06/25/07	CLR	N	N	N	VT-07-639
C2.F1.22.0028	2-R-SA-1502	SA	09/21/07	CLR	N	N	N	VT-07-716
C2.F1.22.0029	2-R-SA-1504	SA	09/21/07	CLR	N	N	N	VT-07-699
C2.F1.22.0032	2-R-SM-1550	SM	09/20/07	CLR	N	N	N	VT-07-700
C2.F1.22.0033	2-R-SM-1551	SM	09/20/07	CLR	N	N	N	VT-07-701

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.F1.22.0034	2-R-SM-1552	SM	10/03/07	CLR	N	N	N	VT-07-731
C2.F1.22.0035	2-R-SM-1553	SM	10/03/07	CLR	N	N	N	VT-07-733
C2.F1.22.0041	2-R-SM-1018	SM	09/22/07	CLR	N	N	N	VT-07-686
C2.F1.22.0042	2-R-SV-1568	SV	10/03/07	CLR	N	N	N	VT-07-732
C2.F1.30.0001	2-R-CA-0019	CA	07/10/07	CLR	N	N	N	VT-07-640
C2.F1.30.0002	2-R-CA-0047	CA	07/10/07	CLR	N	N	N	VT-07-641
C2.F1.30.0003	2-R-CA-0038	CA	07/10/07	CLR	N	N	N	VT-07-642
C2.F1.30.0004	2-R-CA-0040	CA	07/10/07	CLR	N	N	N	VT-07-643
C2.F1.30.0005	2-R-CA-0175	CA	07/10/07	CLR	N	N	N	VT-07-644
C2.F1.30.0006	2-R-CA-0176	CA	07/10/07	CLR	N	N	N	VT-07-645
C2.F1.31.0005	2-R-CA-0021	CA	07/10/07	CLR	N	N	N	VT-07-646
C2.F1.31.0006	2-R-CA-0053	CA	07/10/07	CLR	N	N	N	VT-07-647
C2.F1.32.0001	2-R-CA-0204	CA	07/10/07	CLR	N	N	N	VT-07-648
C2.F1.32.0013	2-R-RN-0208	RN	06/25/07	CLR	N	N	N	VT-07-649

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.F1.32.0017	2-R-TE-0025	TE	07/10/07	CLR	N	N	N	VT-07-650
C2.F1.40.0001	2PZR-LUGS	NC	10/18/07	CLR	N	N	N	VT-07-753
C2.F1.40.0004	2RCPA-COLUMNS	NC	10/29/07	CLR	N	N	N	VT-07-757
C2.F1.40.0012	2ELDHX-SUPPORT	NV	10/29/07	CLR	N	N	N	VT-07-758
C2.F1.40.0013	2REGHX-SUPPORT	NV	10/24/07	CLR	N	N	N	VT-07-756
C2.F1.40.0014	2VCT-SUPPORT	NV	10/08/07	CLR	N	N	N	VT-07-750
C2.F1.40.0016	2LDHX-SUPPORT	NV	06/26/07	CLR	N	N	N	VT-07-651
C2.F1.40.0019	2CCPA-SUPPORT	NV	01/02/07	CLR	N	N	N	VT-07-619
C2.F1.40.0020	2RHRPA-SUPPORT	ND	06/25/07	CLR	N	N	N	VT-07-652
C2.F1.40.0021	2RHRA-SKIRT	ND	06/25/07	CLR	N	N	N	VT-07-653
C2.F1.40.0028	2KCHXA-SUPPORT	KC	01/02/07	CLR	N	N	N	VT-07-622
C2.F1.40.0030	2KCSTA-SUPPORT	KC	01/02/07	CLR	N	N	N	VT-07-623
C2.F1.40.0033	2DGEJWCA-SUPPORT	KD	01/03/07	CLR	N	N	N	VT-07-624
C2.F1.40.0034	2LDCA-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-625

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.F1.40.0035	2LDFA-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-626
C2.F1.40.0036	2LDSA1-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-627
C2.F1.40.0037	2LDSTA-SUPPORT	LD	01/03/07	CLR	N	N	N	VT-07-628
C2.F1.40.0088	2FWST-SUPPORT	FW	03/08/07	CLR	N	N	N	VT-07-620
C2.F1.40.0089	2DGEA-SUPPORT		01/03/07	CLR	N	N	N	VT-07-621
C2.F1.40.0090	2DGEIAFA1-SUPPORT	VN	07/24/07	CLR	N	N	N	VT-07-654
C2.F1.40.0091	2DGEJWSTPA-SUPPORT	KD	01/03/07	CLR	N	N	N	VT-07-629
C2.F1.40.0092	2RPV-CRDM	NC	10/12/07	CLR	N	N	N	VT-07-755
C2.F1.40.0093	2RHRPA-LATERAL	ND	06/25/07	CLR	N	N	N	VT-07-655
C2.F1.40.0094	2NSPA-LATERAL	NS	06/26/07	CLR	N	N	N	VT-07-656
C2.F1.40.0095	2NSPAM-LATERAL	NS	06/26/07	CLR	N	N	N	VT-07-657
C2.F1.40.0096	2LDHX-LATERAL	NV	06/26/07	CLR	N	N	N	VT-07-658
C2.F1.40.0097	2SWHX-SUPPORT	NV	06/25/07	CLR	N	N	N	VT-07-659
C2.F1.40.0100	2RHRHXB-LATERAL	ND	07/10/07	CLR	N	N	N	VT-07-660

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.G2.1.0032	2SM-4C-C	SM	09/28/07	CLR	98.01%	N	N	MT-07-123
		SM	09/28/07	CLR	N	N	N	UT-07-763
C2.G2.1.0033	2SM54-01	SM	09/28/07	CLR	98.01%	N	N	MT-07-124
		SM	09/28/07	CLR	N	N	N	UT-07-764
C2.G2.1.0034	2SM56-04	SM	09/21/07	CLR	N	N	N	MT-07-103
		SM	09/22/07	CLR	N	N	N	UT-07-731
C2.G2.1.0035	2SM56-03	SM	09/21/07	CLR	N	N	N	MT-07-104
		SM	09/22/07	CLR	N	N	N	UT-07-730
C2.G2.1.0036	2SM-8A-A	SM	09/22/07	CLR	N	N	N	MT-07-105
		SM	09/22/07	CLR	N	N	N	UT-07-734
C2.G2.1.0037	2SM57-10	SM	09/22/07	CLR	N	N	N	MT-07-106
		SM	09/22/07	CLR	N	N	N	UT-07-733
C2.G2.1.0038	2SM-7A-A	SM	09/22/07	CLR	N	N	N	MT-07-107
		SM	09/22/07	CLR	N	N	N	UT-07-732
C2.G2.1.0039	2SM59-04	SM	09/23/07	CLR	N	N	N	MT-07-108
		SM	09/25/07	CLR	N	N	N	UT-07-748

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.G2.1.0040	2SM59-03	SM	09/23/07	CLR	N	N	N	MT-07-109
		SM	09/25/07	CLR	N	N	N	UT-07-749
C2.G2.1.0041	2SM-5A-A	SM	09/27/07	CLR	N	N	N	MT-07-114
		SM	09/25/07	CLR	N	N	N	UT-07-750
C2.G2.1.0042	2SM59-02	SM	09/23/07	CLR	N	N	N	MT-07-110
		SM	09/25/07	CLR	N	Y	N	UT-07-746
C2.G2.1.0043	2SM-4A-A	SM	09/23/07	CLR	N	N	N	MT-07-111
		SM	09/25/07	CLR	N	N	N	UT-07-745
C2.G2.1.0044	2SM59-01	SM	09/23/07	CLR	N	N	N	MT-07-112
		SM	09/25/07	CLR	N	Y	N	UT-07-747
C2.G2.1.0045	2SM59-27	SM	09/23/07	CLR	N	N	N	MT-07-113
		SM	09/25/07	CLR	N	N	N	UT-07-751
C2.G3.1.0001	2NC141-07	NC	10/04/07	CLR	N	N	N	UT-07-783
C2.G3.1.0002	2NC141-BEND-AA	NC	10/04/07	CLR	N	N	N	UT-07-784
C2.G3.1.0003	2NC141-06	NC	10/04/07	CLR	N	N	N	UT-07-785

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Ref	RFR	Comment
C2.G3.1.0004	2NC141-05	NC	10/04/07	CLR	N	N	N	UT-07-786
C2.G3.1.0005	2NC145-06	NC	09/24/07	CLR	N	N	N	UT-07-740
C2.G3.1.0006	2NC145-BEND-BB	NC	09/24/07	CLR	N	N	N	UT-07-741
C2.G3.1.0007	2NC145-05	NC	09/24/07	CLR	N	N	N	UT-07-742
C2.G3.1.0008	2NC145-BEND-CC	NC	09/24/07	CLR	N	N	N	UT-07-743
C2.G3.1.0009	2NC146-06	NC	09/26/07	CLR	N	N	N	UT-07-754
C2.G3.1.0010	2NC146-BEND-AA	NC	09/26/07	CLR	N	N	N	UT-07-755
C2.G3.1.0011	2NC146-05	NC	09/26/07	CLR	N	N	N	UT-07-756
C2.G3.1.0012	2NC146-BEND-BB	NC	09/26/07	CLR	N	N	N	UT-07-757
C2.G3.1.0013	2NC140-05	NC	09/29/07	CLR	N	N	N	UT-07-765
C2.G3.1.0014	2NC140-BEND-CC	NC	09/29/07	CLR	N	N	N	UT-07-766
C2.G3.1.0015	2NC140-BEND-BB	NC	09/29/07	CLR	N	N	N	UT-07-767
C2.G3.1.0016	2NC140-04	NC	09/29/07	CLR	N	N	N	UT-07-768
C2.G5.1.0001	RPV-HEAD-PEN	NC	09/28/07	CLR	N	N	N	51-9061518-000

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Geo Ref	RFR	Comment
C2.G5.1.0002	RPV-HEAD-PEN	NC	10/02/07	CLR	N	N	N	Report n/a
C2.G5.2.0001	2RPV-HEAD-VENT-NOZZLE-UT	NC	09/29/07	CLR	N	N	N	51-9061518-000
C2.G5.2.0002	2RPV-HEAD-VENT-NOZZLE-PT	NC	09/25/07	CLR	N	N	N	51-9061518-000
C2.G5.2.0003	2RPV-HEAD-VENT-NOZZLE-VIS	NC	10/02/07	CLR	N	N	N	Report n/a
C2.G6.2.0001	2PZR-MANWAY	NC	09/21/07	CLR	N	N	N	VT-07-759
C2.G8.2.0001	2RPV202-121ASE	NC	10/06/07	CLR	N	N	N	VT-07-740
C2.G8.2.0002	2RPV-202-121BSE	NC	10/06/07	CLR	N	N	N	VT-07-741
C2.G8.2.0003	2RPV-202-121CSE	NC	10/06/07	CLR	N	N	N	VT-07-742
C2.G8.2.0004	2RPV-202-121DSE	NC	10/06/07	CLR	N	N	N	VT-07-743
C2.G8.3.0001	2RPV-201-121ASE	NC	10/06/07	CLR	N	N	N	VT-07-744
C2.G8.3.0002	2RPV-201-121BSE	NC	10/06/07	CLR	N	N	N	VT-07-745
C2.G8.3.0003	2RPV-201-121CSE	NC	10/06/07	CLR	N	N	N	VT-07-746
C2.G8.3.0004	2RPV-201-121DSE	NC	10/06/07	CLR	N	N	N	VT-07-747
C2.G8.5.0001	2RPV-VENT-NOZZLE	NC	10/02/07	CLR	N	N	N	Report n/a

Summary No	Component ID	System	Insp Date	Insp Status	Insp Limited	Exp Ref	RFR	Comment
C2.G9.1.0019	2RPV-179-101-02A	NC	09/28/07	CLR	N	N	N	MT-07-117
C2.G9.1.0020	2RPV-179-102-02A	NC	09/28/07	CLR	N	N	N	MT-07-118
C2.G9.1.0021	2RPV-179-101-08	NC	09/28/07	CLR	N	N	N	MT-07-119
C2.G9.1.0022	2RPV-179-102-08A	NC	09/28/07	CLR	N	N	N	MT-07-120
C2.G9.1.0023	2RPV-179-101-13	NC	09/28/07	CLR	N	N	N	MT-07-121
C2.G9.1.0024	2RPV-179-102-13A	NC	09/28/07	CLR	N	N	N	MT-07-122

FORM NDE-RT1 | REVISION 7

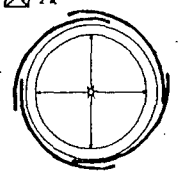
DUKE POWER COMPANY
RADIOGRAPHIC EXAMINATION REPORT / TECHNIQUE

Weld / Component ID: 2NC-13-2 / 2SGC-Inlet-SE Project: Catawba Unit 2
Procedure No./Rev: NDE 12/12 Acceptance/Reporting Standards: A
Radiographer: R.W. Mack Level: II Date: 10/11/07 Code Reference: ASME Sect XI

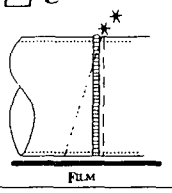
Material: CS: ☒ SS: ☒ ☐ Diameter: 31"ID Thickness: 2.50"
Source: Ir-192 Size: .115 Curies: 92.9 Estimated Weld Build-Up: .062" SFD: 18"
IQI: Film Side ☒ Source Side ☐ N/A Size(s) IQI Design: Modified Wire-Type
Film View: Single ☒ Composite ☒ Number of Film Per Cassette: 4 Film Stand Off NA
Film Brand/Type: Front Center Back Shim Size(s): N/A
Screen Thickness: Front .010 Center NA Back .010 (Ug = Ft/D) Actual Ug: .024"
Exposure Time: Hrs. 1 Min. 46 Sec. Thicker member used as shim: ☒
Exposure: ☒ Single Wall ☐ Double Wall Image View: ☒ Single Wall ☐ Double Wall

TECHNIQUE SET UP

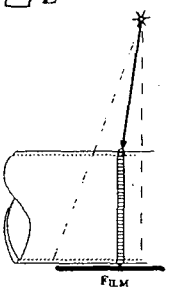
☒ A



☐ C

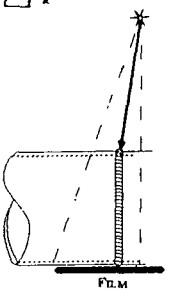


☐ E



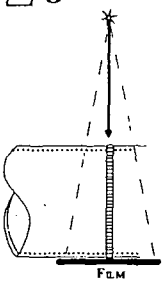
Offset Single Wall View

☐ F



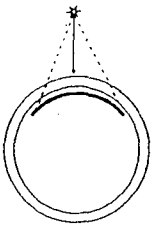
Offset Double Wall View

☐ G



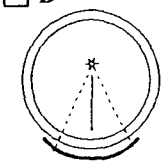
Superimposed Double Wall View

☐ H

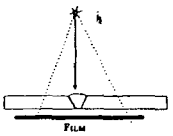


Single Wall Exposure, Film Inside Pipe

☐ B



☐ D



☐ I Other
Draw Sketch

☐ Sketch Attached

FILM REVIEW

Interval	Date	Indication	Length/Size/Comment	Reviewer	Level	Date	Accept	Record	Reshoot	Reject
0-1	10-12-07	6	1.0"	RGS	III	10-12-07	☐	☐	☐	☒
9-0	10-12-07	8	.187"	RGS	III	10-12-07	☒	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐
							☐	☐	☐	☐

Indication and *Flaw* types:		*5. Crack*	8. Porosity	11. Concavity	14. Rounded
1. Incomp. Fusion	*3. Excessive Pen.*	6. Slag	9. Tungsten	12. Inclusion	15. Surface
2. Incomp. Pen.	*4. Unconsumed Insert*	7. Undercut	10. Convexity	13. Elongated	16. Film Artifact
Exam Limitations:	☐ Yes: ____ % Examined		☒ No: (100% Examined)		17. Root Edge

Comments: Film load = Fuji 100/80/100/100, Thickness = 2.5" to 3.2", Source placed 20.25" from the Dam Ring Face in source positioner S/N 1 used. This RT exam is the first successive ISI exam to evaluate the 1.00" linear indication located at the # 0 following the rejected ISI RT exam dated 10-07-04. Olny RT intervals 0-1 and 9-0 included in this exam.

Second Review: [signature] Level: III Date: 10-12-07
ANI/ANII Review: [signature] Date: 10-12-07
ISI Item: C2.B9.11.0010
C2.B5.70.0005

QA-516 A	Revision 4

Indication Evaluation Report

STATION	UNIT	ISI PLAN ITEM NUMBER	ISI PLAN ID NUMBER
Catawba	2	B05.070.005 B05.130.010	2SGC-INLET-SE 2NC13-02

NDE METHOD	NDE PROCEDURE USED	INDICATION SERIAL NUMBER
Radiography	NDE 12 REV. 11	S/N 1 (located at RT # 0)

DESCRIPTION OF ITEM CONTAINING INDICATION	DATE INSPECTED	EVALUATION NEEDED BY DATE
Steam Gen Inlet Nozzle to Safe End Weld Steam Gen Nozzle Safe End to Pipe weld	10/07/2004	10/11/2004

A

COMMENTS: **Slag indication 1.00" in length located at RT film interval number "0". The indication was not visible on the construction radiographs. A change in source position in relation to the plane of the flaw was determined to the basis for the flaw detection in 2004 and not during the fabrication RT.**

ORIGINATED BY: **T.L. Tucker** DATE: **10/11/2004**

B

ACCEPTANCE STANDARD USED: **Procedure NDE 12 Rev 11 Appendix A, ASME Code Sect. XI IWB-3514, ASME Code Sect. III NB-5320.**

CALCULATIONS/COMMENTS: **Linear indication length of 1.00" exceeds the acceptance standards of NDE 12, ASME Codes Sect. III and Sect. XI. A Parallax exposure determined a depth of 1.010" from the OD and location in the SS material at/near the interface of Safe End and Duke weld.**

EVALUATION STATUS = **Reportable**

Evaluated By
(NDE LEVEL III): **T.L. Tucker** TL Tucker DATE: **10/11/2004**

C

PIP SERIAL No: C-04-05421

ISI COORDINATOR: R.G. Hudson : R.G. Hudson DATE: 10/11/2004

D

ADDITIONAL INSPECTIONS ☐ NOT REQUIRED
☐ REQUIRED: ISI PLAN ADDENDA S/N: ____

SURVEILLANCE INSPECTIONS ☐ NOT REQUIRED
☑ REQUIRED: ISI PLAN ADDENDA S/N: CN52-076

ISI PLAN MANAGER A.J. Hogge Jr. DATE 10/18/2004

E

DISPOSITION ☑ ACCEPTABLE IN ACCORDANCE WITH IWB-3600 (FMA)
☐ REPAIRED
☐ REPLACED

COMMENTS:

DISPOSITIONED BY (ISI Plan Manager) A.J. Hogge Jr. DATE 10/18/2004

Rejectable Indication Evaluation Report

SUCCESSIVE EXAMINATIONS REPORT

F1

FIRST SUCCESSIVE EXAMINATION

SCREENED
- ☐ CLEAR (No further Successive Examinations Required)
- ☐ RECORDABLE
- ☒ REJECTABLE, with Same or Lesser Size
- ☐ REJECTABLE, with Larger Size (Begin and attach a new Form QA-516A)

ACCEPTANCE STANDARD USED Procedure NDE-12 Rev12, IWB-3514

CALCULATIONS/COMMENTS

Evaluated By (NDE LEVEL III) TL Tucker | DATE 10-12-07

F2

SECOND SUCCESSIVE EXAMINATION

SCREENED
- ☐ CLEAR (No further Successive Examinations Required)
- ☐ RECORDABLE
- ☐ REJECTABLE, with Same or Lesser Size
- ☐ REJECTABLE, with Larger Size (Begin and attach a new Form QA-516A)

ACCEPTANCE STANDARD USED

CALCULATIONS/COMMENTS

Evaluated By (NDE LEVEL III) | DATE

F3

THIRD SUCCESSIVE EXAMINATION

SCREENED
- ☐ CLEAR (No further Successive Examinations Required)
- ☐ RECORDABLE
- ☐ REJECTABLE, with Same or Lesser Size
- ☐ REJECTABLE, with Larger Size (Begin and attach a new Form QA-516A)

ACCEPTANCE STANDARD USED

CALCULATIONS/COMMENTS

Evaluated By (NDE LEVEL III) | DATE

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
1100311-01	A	NI	CE201241	2NI-82 Valve Disc Assembly	Replacement	No	10/23/2007	10/25/2007
1703172-01	A	NC	N/A	Plug assem. For 2NC-34A	Replacement	No	11/5/2007	11/8/2007
1726753-05	A	NC	NA	Valve 2NC-003	Replacement	No	11/27/2007	11/27/2007
1726760-03	A	NC	NA	RV Head Compression Collar	Replacement	No	1/28/2008	1/28/2008
1726965-06	A	NC	NA	Install helicoil assembly 2NCHXD	New	No	11/27/2007	11/27/2007
1737870-09	A	NC	CD200830	Weld Overlay 2NC8-3V	Replacement	No	12/11/2007	12/11/2007
1737871-09	A	NC	CD200830	Weld Overlay 2NC44-28V	Replacement	No	12/11/2007	12/11/2007
1737872-09	A	NC	CD200830	Weld Overlay 2NC117-7V	Replacement	No	12/11/2007	12/11/2007
1737873-09	A	NC	CD200830	Weld Overlay 2NC119-1V	Replacement	No	12/11/2007	12/11/2007
1737874-09	A	NC	CD200830	Weld Overlay 2NC163-1V	Replacement	No	12/11/2007	12/11/2007
1737875-09	A	NC	CD200830	Weld Overlay 2NC112-5V	Replacement	No	12/11/2007	12/11/2007
1737914-08	A	NC	CD201296	Valve 2NC-0005	Replacement	No	11/14/2007	11/14/2007
1754009-08	A	NC	CD201296	Valve 2NC-0095	Replacement	No	11/13/2007	11/14/2007
1754010-09	A	NC	CD201296	Valve 2NC-0106	Replacement	No	11/13/2007	11/14/2007
1754011-09	A	NC	CD201296	Valve 2NC-0020	Replacement	No	11/13/2007	11/14/2007
1773944-01	A	ND	NA	2ND-37A Valve Bonnet	Replacement	No	11/12/2007	11/15/2007
1774087-02	A	NI	NA	Seal Weld for 2NI-351	Replacement	No	10/12/2007	10/15/2007
1774087-10	A	NI	NA	Cover/Disc for 2NI-351	Replacement	No	1/2/2008	1/2/2008
1774088-01	A	NI	NA	Seal weld for 2NI-354	Replacement	No	10/18/2007	10/24/2007
1774287-01	A	NV	NA	Seal Weld for 2NV-493	Replacement	No	10/9/2007	10/11/2007
1778351-01	A	NI	NA	Seal Weld for 2NI-352	Replacement	No	11/2/2007	11/15/2007
1116646-08	B	SV	NA	2SV-13 Plug Assembly	Replacement	No	7/24/2006	7/25/2006
1130496-01	B	NV	NA	Valve disc for 2NV186A	Replacement	No	10/20/2007	10/22/2007
1130659-01	B	NV	NA	S/R 2-A-NV-3840	Replacement	No	10/2/2007	10/2/2007
1702262-01	B	ND	NA	Snubber 2-R-ND-457	Replacement	No	7/24/2006	7/25/2006
1704342-02	B	NV	NA	Valve 2NV-87	Replacement	No	11/27/2007	11/27/2007
1709474-03	B	NI	CD201007	Orifice Plate 2NIFE5490	Replacement	No	11/12/2007	11/15/2007
1709475-03	B	NI	CD201007	2NIFE5020 Orifice Plate	Replacement	No	11/12/2007	11/15/2007
1709844-01	B	NV	NA	Bonnet Bolt for 2NV-491	Replacement	No	6/28/2007	7/3/2007
1716763-01	B	KF	NA	Bolting for 2KF-103A	Replacement	No	8/15/2007	8/16/2007
1716764-01	B	KF	NA	Bonnet Bolt for 2KF-101B	Replacement	No	5/16/2007	5/16/2007
1720074-02	B	NI	NA	Safety Inj. P "2A" Seal Plate	Replacement	No	10/19/2007	10/22/2007

1725819-04	B	ND	NA	RHR Pump "2B" Mech. Seal	Replacement	No	11/27/2007	11/27/2007
1729293-26	B	SA	NA	Bolting for 2SA-005	Replacement	No	10/23/2007	10/25/2007
1729293-27	B	SA	NA	Valve 2SA-005	Replacement	No	11/27/2007	11/27/2007
1729438-02	B	ND	NA	Valve 2ND-003	Replacement	No	11/12/2007	11/15/2007
1729439-02	B	ND	NA	Valve 2ND-35	Replacement	No	11/14/2007	11/14/2007
1729440-02	B	ND	NA	Valve 2ND-31	Replacement	No	11/12/2007	11/19/2007
1729441-02	B	ND	NA	Valve 2ND-38	Replacement	No	11/12/2007	11/15/2007
1729442-02	B	ND	NA	Valve 2ND-64	Replacement	No	11/12/2007	11/15/2007
1729443-02	B	NI	NA	Valve 2NI-119	Replacement	No	10/30/2007	10/30/2007
1729444-02	B	NI	NA	Valve 2NI-102	Replacement	No	11/15/2007	11/19/2007
1729445-03	B	NI	NA	Valve 2NI-161	Replacement	No	10/30/2007	10/30/2007
1729446-02	B	NI	NA	Valve 2NI-151	Replacement	No	10/30/2007	10/30/2007
1729448-03	B	NV	NA	Valve 2NV-14	Replacement	No	11/27/2007	11/27/2007
1729450-03	B	NV	NA	Valve 2NV-223	Replacement	No	11/27/2007	11/27/2007
1729451-03	B	NV	NA	Valve 2NV-273	Replacement	No	11/27/2007	11/27/2007
1730881-05	B	NV	CD201174	Reroute NV Piping	Replacement	No	11/12/2007	11/13/2007
1731343-15	B	FW	CD200863	Hex Nut for 2FW-0055B	Replacement	No	10/24/2007	10/25/2007
1731353-12	B	BB	CD200613	Reroute BB piping @ 2BB-0017	New	No	11/13/2007	11/14/2007
1731356-15	B	BB	CD200668	Reroute BB Piping @ 2BB-0014	Replacement	No	11/13/2007	11/14/2007
1731357-15	B	BB	CD200679	Install BB Piping @ 2BB-006	New	No	11/13/2007	11/14/2007
1731979-04	B	NI	CD201253	Install 2NIFE6430	New	No	11/12/2007	11/19/2007
1731979-05	B	NI	CD201253	Install 2NIFE6440	New	No	11/12/2007	11/19/2007
1731979-06	B	NI	CD201253	Install 2NIFE6450	New	No	11/12/2007	11/19/2007
1731979-07	B	NI	CD201253	Install 2NIFE6460	New	No	11/12/2007	11/26/2007
1736991-06	B	NV	CE-201228	Replace 2NV338	Replacement	No	11/27/2007	11/27/2007
1736992-07	B	NV	CE201228	Replace 2NV316	Replacement	No	11/27/2007	11/27/2007
1739065-01	B	CF	NA	Valve Disc for 2CF-166	Replacement	No	10/20/2007	10/22/2007
1739066-01	B	CF	NA	Valve Disc for 2CF-169	Replacement	No	10/20/2007	10/22/2007
1745385-01	B	NV	NA	Repiar weld 2NV171-32	Repair	Yes C-07-1708	5/30/2007	6/26/2007
1747846-08	B	NV	CD201174	Cut/Replace NV Pipe for Flush	Replacement	No	11/27/2007	12/3/2007
1748154-35	B	NI	CD201309	Accumulator "2A"	New	No	10/25/2007	10/29/2007
1753760-06	B	NS	CE201352	Replace valve 2NS-36	Replacement	No	11/6/2007	11/9/2007
1753762-02	B	NS	CE201352	Replace valve 2NS-45	Replacement	No	11/6/2007	11/9/2007
1753763-02	B	NS	CE201352	Replace valve 2NS-61	Replacement	No	11/6/2007	11/9/2007
1753765-02	B	NS	CE201352	Replace valve 2NS-64	Replacement	No	11/6/2007	11/9/2007
1760022-20	B	NI	CD201309	Accumulator "2B"	New	No	10/25/2007	10/29/2007

1766953-01	B	SV	N/A	Replace Plug/Stem Assmebly	Replacement	No	11/6/2007	11/13/2007
1766968-01	B	SV	N/A	Replace Plug/Stem Assmebly	Replacement	No	11/6/2007	11/13/2007
1774089-03	B	NV	NA	Seal Weld for 2NV-60	Replacement	No	10/9/2007	10/11/2007
1774338-01	B	NV	NA	Seal Weld for 2NV-79	Replacement	No	10/9/2007	10/11/2007
1107897-06	C	NV	CN2800300	NV Tie in @ 2NVA43	New	No	7/3/2007	8/6/2007
1110830-28	C	RN	CD200107	Bolting for Pipe Flange	Replacement	No	1/16/2007	1/17/2007
1110849-12	C	RN	CD200154	RN/KC Crossover "2A"	New	No	6/7/2007	7/2/2007
1110850-12	C	RN	CD200154	RN to KD Crossover Piping "2B"	New	No	6/7/2007	8/15/2007
1117421-01	C	LD	NA	Snubber 2-R-LD-0003	Replacement	No	7/19/2006	7/24/2006
1117425-01	C	VN	NA	Snubber 2-R-VN-0053	Replacement	No	7/19/2006	7/25/2006
1119889-05	C	NV	NA	Bonnet Bolt for 2NV-374	Replacement	No	4/11/2007	4/12/2007
1123566-01	C	VG	NA	Valve Disc for 2VG-18	Replacement	No	11/5/2007	11/8/2007
1126802-03	C	WG	NA	Valve 1WG-104	Replacement	No	5/16/2007	5/21/2007
1131018-01	C	RN	CE200956	Repair RN Pipe Leak	Repair	Yes PIP C-0-3793	7/24/2006	7/25/2006
1706366-05	C	RN	NA	Valve 2RN-147	Replacement	No	11/15/2007	1/10/2008
1708879-28	C	RN	CD200411	Install RN Pipe to RN Return	Replacement	No	1/9/2008	1/9/2008
1708880-42	C	RN	CD200411	Replace RN 2B to NS HX	Replacement	No	11/15/2007	1/9/2008
1708881-15	C	RN	CD200411	RN Piping NX 2B from Return	Replacement	No	11/28/2007	1/9/2008
1708881-87	C	KF	CD200411	S/R 2-R-KF-0039	Replacement	No	10/10/2007	10/14/2007
1709210-27	C	RN	CD200411	Replace RN piping to KC	Replacment	No	11/8/2007	1/9/2008
1709481-07	C	RN	CD200411	Install RN Return Line	Replacement	No	11/12/2007	1/9/2008
1709481-45	C	RN	CD200411	Bolting for 2RN-351	Replacement	No	11/28/2007	1/10/2008
1709846-01	C	NV	NA	Bonnet Bolt for 2NV-402	Replacement	No	3/28/2007	4/9/2007
1709849-01	C	NV	NA	Bonnet Bolt for 2NV-379	Replacement	No	4/1/2007	4/12/2007
1709850-01	C	NV	NA	Bonnet Bolt for 2NV-368	Replacement	No	4/11/2007	4/12/2007
1712371-81	C	RN	CD200151	Bolting for 2RN-51A	Replacement	No	12/17/2007	1/10/2008
1716760-01	C	NV	NA	Bonnet Bolt for 2NV-217	Replacement	No	5/16/2007	5/16/2007
1716761-01	C	NV	NA	Bonnet Bolt for 2NV-416	Replacement	No	5/16/2007	5/16/2007
1722999-04	C	KC	NA	Bolting for 2KCFE8680	Replacement	No	10/9/2007	10/11/2007
1723593-18	C	RN	CD200411	Replace 2RN A supply	Replacement	No	11/13/2007	1/10/2008
1723594-35	C	RN	CD200411	MOD CD200411	Replacement	No	11/12/2007	1/9/2008
1723595-04	C	RN	CD200411	Replace Valve 2RN838	Replacement	No	11/13/2007	1/10/2008
1723595-47	C	RN	CD200411	Replace Valve 2RN229B	Replacement	No	11/13/2007	1/9/2008
1723978-01	C	RN	CD200411	Install Valve 2RN148A	Replacement	No	11/13/2007	1/10/2008
1726402-07	C	CA	NA	Plug Assembly For 2CA-64	Replacement	No	11/7/2007	11/9/2007
1726444-01	C	CA	NA	Modify Valve 2CA-27	Replacement	No	1/2/2008	1/8/2008

1726843-01	C	KD	NA	Valve 2KDVA23	Replacement	No	10/15/2007	10/15/2007
1729435-02	C	KC	NA	Valve 2KC-281	Replacement	No	11/27/2007	11/27/2007
1729452-05	C	RN	NA	Valve 2RN854	Replacement	No	7/24/2007	7/30/2007
1731379-01	C	FD	NA	Studs for 2FD-71	Replacement	No	10/5/2007	10/7/2007
1731380-01	C	FD	NA	Bolting for 2FD-31	Replacement	No	11/6/2007	11/12/2007
1731689-13	C	KC	CE-200950	Delete KC Piping and cap lines	Replacement	No	10/20/2007	10/22/2007
1739864-02	C	NV	NA	Cover Bolt for 2NV-399	Replacement	No	5/16/2007	5/16/2007
1749741-01	C	KF	NA	Botting for 2KFFE5110	Replacement	No	8/15/2007	8/16/2007
1751994-41	C	RN	CD200151	Bolting for 2RN50B	Replacement	No	1/3/2008	1/8/2008
1110849-14	NF	RN	CD200154	S/R 2-R-RN-240	Replacement	No	5/16/2007	5/23/2007
1110849-15	NF	RN	CD200154	S/R 2-R-RN-247	Replacement	No	5/17/2007	5/23/2007
1110850-14	NF	RN	CD200154	S/R 2-R-RN-220	Replacement	No	6/12/2007	6/28/2007
1110850-15	NF	RN	CD200154	S/R 2-R-RN-227	Replacement	No	6/12/2007	7/5/2007
1110850-64	NF	RN	CD200154	U Bolt for 2-R-RN-227	Replacement	No	6/12/2007	7/5/2007
1130660-01	NF	NV	NA	S/R 2-A-NV-3631	Replacement	No	3/7/2007	3/8/2007
1703247-01	NF	ND	NA	S/R 2-R-ND-277	Replacement	No	7/24/2007	7/30/2007
1708879-55	NF	RN	CD200411	S/R 2-R-RN-0079	Replacement	No	11/5/2007	11/6/2007
1708880-09	NF	RN	CD200411	S/R 2-R-RN-372 & 373	Replacement	No	11/13/2007	1/10/2008
1708881-35	NF	RN	CD200411	S/R 2-R-RN-015	Replacement	No	11/7/2007	1/10/2008
1723594-16	NF	RN	CD200411	S/R 2-R-RN-185,186,187	Replacement	No	11/5/2007	11/7/2007
1726647-01	NF	SM	NA	Pivot Pin for 2-SM-1029	Replacement	No	10/5/2007	10/7/2007
1731709-07	NF	NI	CD200947	Modify S/R 2-R-NI-1961	Replacement	No	1/2/2008	1/3/2008
1731744-07	NF	NV	NA	Modify Several NV Supports	Replacement	No	12/10/2007	12/10/2007
1736991-04	NF	NV	CE201228	S/R 2-R-NV-425	Replacement	No	10/12/2007	10/15/2007
1738653-45	NF	RN	NA	S/R 2-R-RN-0387	Replacement	No	10/5/2007	10/26/2007
1742174-07	NF	KC	CD200947	Modify S/R 2-A-KC-4307 & 4306	Replacement	No	12/10/2007	12/10/2007
1744521-07	NF	NC	CD200947	Modify S/R 2-R-NC-1280	Replacement	No	12/3/2007	12/3/2007
1745385-06	NF	NV	NA	2-R-NV-1931/2-R-NV-1602	Repair	No	5/16/2007	5/16/2007
1748154-31	NF	NI	CD201309	Modify S/R 2-R-NI-176	Replacement	No	10/24/2007	10/25/2007
1753731-02	NF	CA	CD201357	2-R-CA-1640	Replacement	No	11/5/2007	11/9/2007
1754050-01	NF	KF	NA	S/R 2-R-KF-29	Replacement	No	9/10/2007	9/10/2007
1760022-15	NF	NI	CD201309	Plate for 2-R-NI-0175	Replacement	No	10/5/2007	10/7/2007
1774768-01	NF	NV	NA	Bolting for S/R 2-R-NV-1614	Replacement	No	10/12/2007	10/15/2007
1774811-01	NF	NV	NA	Bolting for 2-R-NV-1599	Replacement	No	10/15/2007	10/15/2007

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. 28201-1006
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 # 1100311-01
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CE201241
   Expiration Date N/A
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	Disc Assembly	Westinghouse	M1807-1	NA	For Valve 2NI-82	NA	Removed	No
B	Disc Assembly	Westinghouse	1RP1002	NA	For Valve 2NI-82	2000	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install Valve Disc for 2NI-82_

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 [signature] TECH SPEC II Date 10/23 ,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 10-9-07 to 10-25-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McLill Commissions NC978 IN,A
Inspector's Signature

Date 10-25 ,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 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 11/05/07 Sheet 1 of 1

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

3a Work Order # 1703172-01 CJS 11/12/07

3b NSM or MN # 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	Plug Assembly	CCI	N/A	N/A	2NC-34A	N/A	Removed	No
B	Plug Assembly	CCI	N/A	N/A	2NC-34A	N/A	Installed	No
C	Bolting	N/A	N/A	N/A	Hex Nuts SA194	N/A	Installed	No
D							-	-
E							-	-
F							-	-

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

7. Description of Work :Replace plug assembly for valve 2NC-34A_

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 Sth TECH SPEC II Date 11/5 ,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 10-21-07 to 11-8-07 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 McLill Commissions NC 978 I,N,A
Inspector's Signature

Date 11-8 ,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 COMPANY 1a Date 11/06/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1726753-05
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # NA
   Expiration Date N/A
4. Identification of System 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-02867	NA	Valve tag 2NC-003	1976	Removed	Yes
B	Valve	Dresser	BS-02870	NA	Valve tag 2NC-003	1980	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NC-003_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2245 psig Test Temp. 651.9 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 Smith TECH SPEC II Date 11/27 ,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 10-12-07 to 11-27-07 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 1,N,A
Inspector's Signature

Date 11-27 ,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 COMPANY — 1a Date 01/28/08 — 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 # 1726760-03
   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	Compression Collar	Westinghouse	SB-0507001-6	NA	For Unit 2 Reactor Head.	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Remove & Replace Compression Collar_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2230 psig Test Temp. 557 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 1/28 ,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 11-15-08 to 1-28-08 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 978 INA
Inspector's Signature

Date 1-28 ,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 — 1a Date 11/08/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1726965-06
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # NA
   Expiration Date 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	Helicoil	NA	NA	NA	2NCHX D Primary Manway	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Repair 2NCHX D Primary Manway_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2235 psig Test Temp. 557 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 11/27 ,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 10-12-07 to 11-27-07 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 NC 978 I,N,A
Inspector's Signature

Date 11-27 ,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 COMPANY — 1a Date 12/11/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1737870-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD200830
   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	Weld Overlay	WSI	C-2NC	171	Weld # 2NC8-3V for Unit 2 Pressurizer Surge Line	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Pressurizer Overlay Surge Line_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2235 psig Test Temp. 654 deg.F.

9. Remarks _ Code Cases ___-_N-504-2 N-638-1

(Applicable Manufacturers Data Records to be attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A Expiration Date N/A

Certificate of Authorization No. N/A

Signed Paul L Smith TECH SPEC II Date 12/11 ,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 N C and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 9-17-07 to 10-13-07 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 NC 978
Inspector's Signature

Date 12-11 ,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 COMPANY 1a Date 12/11/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1737871-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200830
   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	Weld Overlay	WSI	C-2NC	171	Weld # 2NC44-28V for Unit 2 Pressurizer Spray Line	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Pressurizer Overlay Spray Line_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2245 psig Test Temp. 651.9 deg.F.

9. Remarks _ Code Cases ___-_N-504-2 N-638-1

(Applicable Manufacturers Data Records to be attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A Expiration Date N/A

Certificate of Authorization No. N/A

Signed Paul L Smith TECH SPEC II Date 12/11 ,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 9-17-07 to 10-13-07 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 IN,A
Inspector's Signature

Date 12-11 ,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 COMPANY 1a Date 12/11/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1737872-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200830
   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	Weld Overlay	WSI	C-2NC	171	Weld # 2NC117-7V for Unit 2 Pressurizer PORV Line	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Pressurizer Overlay PORV Line_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2245 psig Test Temp. 651.9 deg.F.

9. Remarks _ Code Cases ___-_N-504-2 N-638-1

(Applicable Manufacturers Data Records to be attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A Expiration Date N/A

Certificate of Authorization No. N/A

Signed [signature] TECH SPEC II Date 12/11 ,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 9-17-07 to 10-13-07 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 NC978 INA
Inspector's Signature

Date 12-11- ,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 COMPANY 1a Date 12/11/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1737873-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200830
   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	Weld Overlay	WSI	C-2NC	171	Weld # 2NC119-1V for Unit 2 Pressurizer Safety Line @ 2NC003	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Pressurizer Overlay Safety Line @ 2NC003_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2245 psig Test Temp. 651.9 deg.F.

9. Remarks _ Code Cases ___-_N-504-2 N-638-1

(Applicable Manufacturers Data Records to be attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A Expiration Date N/A

Certificate of Authorization No. N/A

Signed [signature] TECH SPEC II Date 12/11 ,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 9-17-07 to 10-13-07 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 TNA
Inspector's Signature

Date 12-11 ,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 COMPANY 1a Date 12/11/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1737874-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200830
   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	Weld Overlay	WSI	C-2NC	171	Weld # 2NC163-1V for Unit 2 Pressurizer Safety Line @ 2NC002	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Pressurizer Overlay Safety Line @ 2NC002_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2245 psig Test Temp. 651.9 deg.F.

9. Remarks _ Code Cases ___-_N-504-2 N-638-1

(Applicable Manufacturers Data Records to be attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A Expiration Date N/A

Certificate of Authorization No. N/A

Signed [signature] TECH SPEC II Date 12/11 ,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 9-17-07 to 10-13-07 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 97B I,N,A
Inspector's Signature

Date 12-11 ,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 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 NC REACTOR COOLANT 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 12/11/07

Sheet 1 of 1

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

3a Work Order # 1737875-09

3b NSM or MN # CD200830

Class A

	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 Overlay	WSI	C-2NC	171	Weld # 2NC112-5V for Unit 2 Pressurizer Safety Line @ 2NC001	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Pressurizer Overlay Safety Line @ 2NC001_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2245 psig Test Temp. 651.9 deg.F.

9. Remarks _ Code Cases ___-_N-504-2 N-638-1

(Applicable Manufacturers Data Records to be attached)

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A Expiration Date N/A

Certificate of Authorization No. N/A

Signed [signature] TECH SPEC II Date 12/11 ,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 9-17-07 to 12-11-07 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 INA
Inspector's Signature

Date 12-11 ,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 COMPANY — 1a Date 10/22/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1737914-08
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201296
   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	Valve	Green & Co.	N28420	2311	Valve tag 2NC-0005	1994	Removed	Yes
B	Valve	Flowserve	E371A-19-10	NA	Valve tag 2NC-0005	2005	Installed	Yes
C	Pipe Weld	Duke Energy Corp.	C-2NC	171	2NC89-13 2NC89-22	2007	Installed	Yes
D	Pipe	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Install Spectable Flange for Loop "A"_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2235 psig Test Temp. 557 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 11/14 ,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 9-17-07 to 11-14-07 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 IN,A
Inspector's Signature

Date 11-14 ,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 COMPANY 1a Date 10/22/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1754009-08
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD201296
   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	Valve	Green & Co.	N28416	2307	Valve tag 2NC-0095	1994	Removed	Yes
B	Valve	Flowserve	E371A-19-9	NA	Valve tag 2NC-0095	2005	Installed	Yes
C	Pipe Weld	Duke Energy Corp.	C-2NC	171	2NC81-49	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install Spectable Flanges on Loop "B"_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2230.4 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 L Smith TECH SPEC II Date 11/13 ,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 **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 7-2-07 to 11-14-07 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 IN,A
Inspector's Signature

Date 11-14 ,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 COMPANY — 1a Date 10/22/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1754010-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201296
   Expiration Date N/A
4. Identification of System NC REACTOR COOLANT SYSTEM — Class QA CLS 1/10/08
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	Green & Co.	N28428	2319	Valve tag 2NC-0106	1994	Removed	Yes
B	Valve	Flowserve	E371A-19-7	NA	Valve tag 2NC-0106	2005	Installed	Yes
C	Pipe Weld	Duke Energy Corp.	C-2NC	171	2NC53-41	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install Spectable Flanges to Loop "C"_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2228 psig Test Temp. 557 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 Scott TECH SPEC II Date 11/13 ,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 **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 7-2-07 to 11-14-07 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 IN,A
Inspector's Signature

Date 11-14 ,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 COMPANY 1a Date 10/22/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1754011-09
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD201296
   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	Valve	Green & Co.	N28417	2318	Valve tag 2NC-0020	1994	Removed	Yes
B	Valve	Flowserve	E371A-19-8	NA	Valve tag 2NC-0095	2005	Installed	Yes
C	Pipe Weld	Duke Energy Corp.	C-2NC	171	2NC74-20	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install Spectable Flanges on Loop "D"_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2235 psig Test Temp. 557 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 Scott TECH SPEC II Date 11/13 ,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 **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 7-2-07 to 11-14-07 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 INA
Inspector's Signature

Date 11-14 ,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 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
   ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 11/12/07 Sheet 1 of 1

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

3a Work Order # 1773944-01

3b NSM or MN # NA

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 Bonnet	Borg Warner	NA	NA	For Valve tag 2ND-37A	NA	Removed	No
B	Valve Bonnet	Flowserve	1	NA	For valve tag 2ND-37A	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair valve 2ND-37A_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 350 psig Test Temp. 183.5 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 11/12 ,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 10-8-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 11-15 ,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 COMPANY 1a Date 10/12/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1774087-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # NA
   Expiration Date N/A
4. Identification of System 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-2NI	172	Cover to Body Seal Weld for 2NI-351	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Valve 2NI-351_

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 II Date 10/12 ,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 9-20-07 to 10-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 IN/A
Inspector's Signature

Date 10-15 ,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 COMPANY 1a Date 10/23/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET, CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1774087-10
   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 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	Cover	Kerotest	NA	NA	For Valve 2NI-351	NA	Removed	No
B	Cover	Kerotest	SN-27	NA	For valve 2NI-351	NA	Installed	No
C	Valve Disc	Kerotest	ABH-25-3	35909	For valve 2NI-351	1983	Removed	No
D	Valve Disc	BW/IP International	305483 SN10	NA	For Valve 2NI-351	1993	Installed	No
E							-	-
F							-	-

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

7. Description of Work Replace Valve Cover for 2NI-351_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2235 psig Test Temp. 654 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 Fitts TECH SPEC II Date 1/2 ,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 9-20-07 to 1-2-08 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 Commissions NC978 I,N,A
Inspector's Signature

Date 1-2 ,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 10/18/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1774088-01
   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 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-2NI	172	Cover to Body seal weld for valve 2NI-354.	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Valve 2NI-354_

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 _____ TECH SPEC II Date 10/18 ,20 07
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of NC and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 9-19-07 to 10-24-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC 978 I,N,A
Inspector's Signature

Date 10-24 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/09/07 Sheet 1 of 1

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

3a Work Order # 1774287-01

3b NSM or MN # NA

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-2NV	170	Cover to Body Seal Weld for valve 2NV-493	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work I/R Valve 2NV-493_

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 Seth TECH SPEC II Date 10/9 ,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 9-20-07 to 10-11-07 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 INA
Inspector's Signature

Date 10-11 ,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 COMPANY 1a Date 11/12/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1778351-01
   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 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 Corp.	C-2NI	172	Bonnet to Body Seal Weld for Valve 2NI-352	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Valve 2NI-352_

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 [signature] TECH SPEC II Date 11/12 ,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 10-20-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NC978 I,N,A
Inspector's Signature

Date 11-15 ,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 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
SV MAIN STEAM VENT TO ATMOSPHERE

1a Date 7/24/06 Sheet of

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

3a Work Order # 1116646-08

3b NSM or MN # NA

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	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Plug/Stem Assembly	CCI	6	NA	Valve 2SV-13	NA	Replaced	No
B	Plug/Stem Assembly	CCI	7	NA	Valve 2SV-13	NA	Replacement	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Valve 2SV-13_

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 Sth TECH SPEC Date 7/24 ,20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of NC and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 6-21-06 to 7-25-06 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert Mosley Commissions NC978
Inspector's Signature

Date 7-25 ,20 06

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
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/20/07 Sheet 1 of 1

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

3a Work Order # 1130496-01

3b NSM or MN # NA

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 Disc	Kerotest	NA	NA	Valve tag 2NV186A	NA	Removed	No
B	Valve Disc	Kerotest	150717-16	NA	Valve tag 2NV186A	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replaced valve disc_

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 _____ TECH SPEC II Date 10/20 ,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 10-3-07 to 10-22-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC 978 1,N,A
Inspector's Signature

Date 10-22,2007

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
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
   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

1a Date 10/02/07 Sheet 1 of 1

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

3a Work Order # 1130659-01

3b NSM or MN # NA

Class 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	Snubber	PSA	11762	NA	S/R 2-A-NV-3840	1981	Removed	Yes
B	Snubber	Lisega	30600272/002	NA	S/R 2-A-NV-3840	NA	Installed	Yes
C	Snubber	PSA	12988	NA	S/R 2-A-NV-3840	1981	Removed	Yes
D	Snubber	Lisega	30600272/007	NA	S/R-2-A-NV-3840	NA	Installed	Yes
E							-	-
F							-	-

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

7. Description of Work Replace S/R 2-A-NV-3840_

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 _____ TECH SPEC II Date 10/2 ,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 9-27-07 to 10-2-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC978 I,N,A
Inspector's Signature

Date 10-2 ,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 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
ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 7/24/06 Sheet of

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

3a Work Order # 1702262-01

3b NSM or MN # NA

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	Repaired. Replaced. or Replacement	ASME Code Stamped (yes or no)
A	Snubber	PSA	6360	NA	2-R-ND-457	1979	Replaced	Yes
B	Snubber	Lisega	46163531003	NA	2-R-ND-457	2004	Replacement	Yes
C	Snubber	PSA	13022	NA	2-R-ND-457	1981	Replaced	Yes
D	Snubber	Lisega	36158731026	NA	2-R-ND-457	2003	Replacement	Yes
E							-	-
F							-	-

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

7. Description of Work Replace Snubbers 2-R-ND-457_

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 7/24 ,20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of NC and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 6-28-06 to 7-24-06 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McLin Commissions NC978
Inspector's Signature

Date 7-24 ,20 06

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 10/20/07 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 # 1704342-02

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	TD89401	NA	For Valve tag 2NV-87	1978	Removed	Yes
B	Valve	Dresser	TH38800	1944	For Valve tag 2NV-87	1990	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NV-87_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 51.9 psig Test Temp. 70.5 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 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 11/27 ,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 10-5-07 to 11-27-07 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 NC 978 IN/A
Inspector's Signature

Date 11-27 ,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 COMPANY — 1a Date 11/12/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1709474-03
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201007
   Expiration Date N/A
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	Orifice plate	NA	NA	NA	Plate, SA240-typ304, .580"	2007	Installed	No
B	Bolting	NA	NA	NA	Rod SA-193,B7 1-1/8"dia, Nuts SA-194 Gr 7	2007	Installed	No
C		NA	NA	NA			-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace orifice plates and bolting_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1371 psig Test Temp. 85 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 11/12 ,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 10-9-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC 978 I,N,A
Inspector's Signature

Date 11-15 ,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 11/12/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1709475-03
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201007
   Expiration Date N/A
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	Orifice plate	NA	NA	NA	Plate, SA240-typ304, .580" 2NIFE5020	2007	Installed	No
B	Bolting	NA	NA	NA	Rod SA-193,B7 1-1/8"dia, Nuts SA-194 Gr 7	2007	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace orifice plates and bolting_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1371 psig Test Temp. 80.6 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 Gary E Shuf TECH SPEC II Date 11/12 ,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 10-5-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 1N/A
Inspector's Signature

Date 11-15 ,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 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
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 6/28/07 Sheet 1 of 1

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

3a Work Order # 1709844-01

3b NSM or MN # NA

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 Bolts	NA	NA	NA	Bolts- SA564 for valve 2NV-491	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Replace 2NV-491 Bonnet Bolt_

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 II Date 6/28 ,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 6-20-07 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.

Robert McGill Commissions NC978 I,N,A
Inspector's Signature

Date 7-3 ,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 COMPANY 1a Date 8/15/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1716763-01
   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 KF SPENT FUEL 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	B6 Grade Bonnet Bolt for Valve 2KF-103A	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Replace Valve 2KF103A 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 [signature] TECH SPEC II Date 8/15 ,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 7-17-07 to 8-16-07 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 NC978 IN,A
Inspector's Signature

Date 8-16 ,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 COMPANY 1a Date 5/16/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1716764-01
   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 KF SPENT FUEL 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	Bonnet Bolt	NA	NA	NA	Hex Bolt- SA564 for valve 2KF-101B	NA	Corrected	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace 2KF-101B Bonnet Bolt_

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 Scott L Stt TECH SPEC Date 5/16 ,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 4-17-07 to 5-16-07 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 NC 978 I,N,A
Inspector's Signature

Date 5-16 ,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 COMPANY 1a Date 10/16/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1720074-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # NA
   Expiration Date N/A
4. Identification of System 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	Seal Plate	Pacific Pump	NH44627IT	NA	For Safety Injection Pump "2A"	NA	Removed	No
B	Seal Plate	Pacific Pump	99P-90796	NA	For Safety Injection Pump "2A"	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Safety Inj. Pump 2A_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1550 psig Test Temp. 89 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 L Smith TECH SPEC II Date 10/19 ,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 9-26-07 to 10-22-07 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 McBill Commissions NC 478 I,N,A
Inspector's Signature

Date 10-22 ,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 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
ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 10/16/07 Sheet 1 of 1

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

3a Work Order # 1725819-04

3b NSM or MN # NA

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	Mechanical Seal	Dura-Metallic	K0000236/7/02	NA	For Residual Heat Removal Pump "2B"	NA	Removed	No
B	Mechanical Seal	Dura-Metallic	046PX704845/01	NA	For Residual Heat Removal Pump "2B"	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace 2NC Pump Mech. Seal_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 508 psig Test Temp. 178 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 Seth TECH SPEC II Date 11/27 ,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 9-26-07 to 11-27-07 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 INA
Inspector's Signature

Date 11-27 ,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 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 10/23/07 Sheet 1 of 1

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

3a Work Order # 1729293-26

3b NSM or MN # NA

4 Identification of System SA MAIN STEAM SUPPLY TO AUX EQUP 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	Hex Nut	NA	NA	NA	Body to Bonnet nut for valve 2SA-005.	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Repair Valve 2SA-005_

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 Seth TECH SPEC II Date 10/27 ,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 10-5-07 to 10-25-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert Moffitt Commissions NC 978 I/A
Inspector's Signature

Date 10-25 ,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 COMPANY 1a Date 10/15/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1729293-27
   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 SA MAIN STEAM SUPPLY TO AUX EQUP 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	KSB	1908522	52	Valve 2SA-5	1989	Removed	Yes
B	Valve	KSB	19085213	53	Valve 2SA-5	1989	Installed	Yes
C	Welds	Duke Energy	C-2SA	134	Welds # 2SA3-4 2SA-3-5	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NC-005_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 970 psig Test Temp. 545 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 11/27 ,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 4-19-07 to 11-27-07 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 I,N,A
Inspector's Signature

Date 11-27 ,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
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
ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 10/15/07

Sheet 1 of 1

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

3a Work Order # 1729438-02

3b NSM or MN # NA

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	TD89407	412	Valve 2ND-003	1978	Removed	Yes
B	Valve	Dresser	TN16306	1984	Valve 2ND-003	2003	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2ND-003_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 350 psig Test Temp. 183.5 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 _____ TECH SPEC II Date 11/12 ,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 10-1-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC978 I,N,A
Inspector's Signature

Date 11-15 ,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 COMPANY
Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006

1a Date 10/15/07

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 # 1729439-02

3b NSM or MN # NA

4 Identification of System
ND RESIDUAL HEAT REMOVAL 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	TD89392	468	Valve 2ND-35	1978	Removed	Yes
B	Valve	Dresser	TG80178	1901	Valve 2ND-35	1986	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2ND-35_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 486 psig Test Temp. 181 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 Sta TECH SPEC II Date 11/14 ,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 9-27-07 to 11-14-07 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 INA
Inspector's Signature

Date 11-14 ,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 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
ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 10/15/07 Sheet 1 of 1

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

3a Work Order # 1729440-02

3b NSM or MN # NA

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	TG80194	1898	Valve 2ND-31	1986	Removed	Yes
B	Valve	Dresser	TN10967	1979	Valve 2ND-31	2003	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2ND-31_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 487 psig Test Temp. 181 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 11/12 ,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 9-28-07 to 11-19-07 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 INA
Inspector's Signature

Date 11-19 ,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 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
ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 10/15/07 Sheet 1 of 1

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

3a Work Order # 1729441-02

3b NSM or MN # NA

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	TG8193	1902	Valve 2ND-38	1980	Removed	Yes
B	Valve	Dresser	TN16305	1979	Valve 2ND-38	2003	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2ND-38_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 350 psig Test Temp. 183.5 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 11/12 ,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 9-27-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC 978 IN,A
Inspector's Signature

Date 11-15 ,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 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
ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 10/15/07 Sheet 1 of 1

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

3a Work Order # 1729442-02

3b NSM or MN # NA

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	TD89412	312	Valve 2ND-64	1978	Removed	Yes
B	Valve	Dresser	TN10966	1978	Valve 2ND-64	2003	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2ND-64_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 507 psig Test Temp. 179 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 11/12 ,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 9-25-07 to 11-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 I,N,A
Inspector's Signature

Date 11-15 ,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 COMPANY 1a Date 10/15/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1729443-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # NA
   Expiration Date N/A
4. Identification of System 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	Valve	Dresser	TD89439	478	Valve 2NI-119	1978	Removed	Yes
B	Valve	Dresser	TN08110	1980	Valve 2NI-119	2003	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NI-119_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1540 psig Test Temp. 85.2 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 10/30 ,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 9-25-07 to 10-30-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC 978 INA
Inspector's Signature

Date 10-30 ,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 COMPANY — 1a Date 10/15/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1729444-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # NA
   Expiration Date N/A
4. Identification of System 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	Valve	Dresser	TG80181	1893	Valve 2NI-102	1986	Removed	Yes
B	Valve	Dresser	TD89433	429	Valve 2NI-102	1978	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NI-102_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 41 psig Test Temp. 85.8 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 [signature] TECH SPEC II Date 11/15 ,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 10-18-07 to 11-19-07 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 NC 978 IN,A
Inspector's Signature

Date 11-19 ,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 COMPANY 1a Date 10/15/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1729445-03
   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 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	Valve	Dresser	TD89434	419	Valve 2NI-161	1978	Removed	Yes
B	Valve	Dresser	TN08111	1981	Valve 2NI-161	2003	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NI-161_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1540 psig Test Temp. 85.2 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 10/30 ,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 9-24-07 to 10-30-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NC978 I,N,A
Inspector's Signature

Date 10-30 ,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 COMPANY — 1a Date 10/20/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1729446-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # NA
   Expiration Date N/A
4. Identification of System 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	Valve	Dresser	TD89439	NA	For Valve tag 2NI-151	1978	Removed	Yes
B	Valve	Dresser	TN-08112	NA	For Valve tag 2NI-151	1984	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NI-151_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1740 psig Test Temp. 85.8 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 [signature] TECH SPEC II Date 10/30 ,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 9-24-07 to 10-30-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NC 978 1,N,A
Inspector's Signature

Date 10-30 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/23/07 Sheet 1 of 1

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

3a Work Order # 1729448-03

3b NSM or MN # NA

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	TJ18506	1953	Valve tag 2NV-14	1992	Removed	Yes
B	Valve	Dresser	TG80190	1906	Valve tag 2NV-14	1986	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NV-14_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 344 psig Test Temp. 292.8 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 L Smith TECH SPEC II Date 11/27 ,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 10-7-07 to 11-27-07 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 NC 978 I, N, A
Inspector's Signature

Date 11-27 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/20/07 Sheet 1 of 1

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

3a Work Order # 1729450-03

3b NSM or MN # NA

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	TG80198	1914	Valve tag 2NV-223	1986	Removed	Yes
B	Valve	Dresser	TJ99386	1964	Valve tag 2NV-223	1964	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NV-223_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 35.8 psig Test Temp. 97 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 Scott TECH SPEC II Date 11/27 ,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 10-6-07 to 11-27-07 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 NC 978 I,N,A
Inspector's Signature

Date 11-27 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/20/07 Sheet 1 of 1

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

3a Work Order # 1729451-03

3b NSM or MN # NA

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	TD89396	435	For Valve tag 2NV-273	1978	Removed	Yes
B	Valve	Dresser	TG33977	1835	For Valve tag 2NV-273	1984	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work.Replace Valve 2NV-273_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 30.6 psig Test Temp. 100.6 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 L Scott TECH SPEC II Date 11/27 ,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 10-10-07 to 11-27-07 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 NC 978 I,N,A
Inspector's Signature

Date 11-27 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 11/12/07 Sheet 1 of ~~1~~ 3 11/12/07

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

3a Work Order # 1730881-05

3b NSM or MN # CD201174

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" 90/45 Ell-SA182, 2" Pipe-SA376, 2" Tee-SA182, 2" Full Cplg.-SA182	NA	Installed	No
B					2"x1" Red Insert-SA182		-	-
C	Pipe Welds	Duke Energy Corp.	C-2NV	170	2NV193-41 thru 44 & 46 thru 58	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY
   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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 11/12/07 Sheet 2 of 3

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

3a Work Order # 1730881-05

3b NSM or MN # CD201174

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	Flat Bar	NA	NA	NA	For S/R 2-R-NV-1743	NA	Installed	No
B	Welds	Duke Energy Corp.	C-2NV	170	2-R-NV-1743-4, 2-R-NV-1742-4, 2-R-NV-20761,2,3,4	2007	Installed	Yes
C	Plate	NA	NA	NA	For S/R 2-R-NV-1742	NA	Installed	No
D	Spring Cam	Anvil	2007-76	NA	For S/R 2-R-NV-2076	2007	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
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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 11/12/07 Sheet 3 of 3
2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
3a Work Order # 1730881-05
3b NSM or MN # CD201174
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	NA	NA	NA	For 2-R-NV-2074	NA	Installed	No
B	Sway Strut	Anvil	2006-168	NA	For S/R 2-R-NV-2074	2006	Installed	Yes
C	Welds	Duke Energy Corp.	C-2NV	170	2-R-NV-2072-1,2, 2-R-NV-2073-1	2007	Installed	Yes
D	Pipe Clamp, Eye Nut, Rod/Nuts	NA	NA	NA	For S/R 2-R-NV-2073	NA	Installed	No
E	Spring Cam	Anvil	2007-91	NA	For S/R 2-R-NV-2073	2007	Installed	Yes
F							-	-

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

7. Description of Work Reroute NV Piping_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 300 psig Test Temp. 166 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 Sitt TECH SPEC II Date 11/12 ,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 8-13-07 to 11-14-07 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 NC 978 INA
Inspector's Signature

Date 11-14 ,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 COMPANY 1a Date 10/23/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1731343-15
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200863
   Expiration Date N/A
4. Identification of System FW REFUELING WATER 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	Hex Nut	NA	NA	NA	Bonnet to Body Hex nut for valve 2FW-0055B	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Reassemble Valve 2FW-0055B_

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 Paulette L Smith TECH SPEC II Date 10/24 ,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 10-3-07 to 10-25-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 I,N,A
Inspector's Signature

Date 10-25 ,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 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
BB STEAM GERATOR BLOWDOWN SYSTEM

1a Date 11/06/2007 Sheet 1 of 1

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

3a Work Order # 1731353-12

3b NSM or MN # CD200613

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 Welds	Duke Energy Corporation	C-2BB	155	2BB61-25 2BB17-24,25,26,27	2007	Installed	Yes
B	Pipe/Fittings	N/A	N/A	N/A	2" Tee-SA182, 2" Pipe-SA376, 2" 90 deg ell- SA182	N/A	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace BB Piping at Valve 2BB17 _

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1070.6 psig Test Temp. 538.9 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 Sutt TECH SPEC II Date 11/13 ,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 8-1-07 to 11-14-07 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 I,N,A
Inspector's Signature

Date 11-14 ,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 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
BB STEAM GERATOR BLOWDOWN SYSTEM

1a Date 11/06/07 Sheet 1 of 1

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

3a Work Order # 1731356-15

3b NSM or MN # CD200668

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 Welds	Duke Energy Corp.	C-2BB	155	2BB63-26, 27, 28	2007	Installed	Yes
B	Pipe/Fittings	NA	NA	NA	2" Tee- SA182 2"x 1/2" Insert- SA182	Na	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace BB Piping at Valve 2BB14 _

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1070 psig Test Temp. 540.2 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 11/13 ,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 10-22-07 to 11-14-07 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 INA
Inspector's Signature

Date 11-14 ,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 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
   BB STEAM GERATOR BLOWDOWN SYSTEM

1a Date 11/05/07 Sheet 1 of 1

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

3a Work Order # 1731357-15

3b NSM or MN # CD200669

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 Welds	Duke Energy Corp.	C-2BB	155	2BB68-18, 19, 20	2007	Installed	Yes
B	Pipe/Fittings	NA	NA	NA	2" Tee- SA182, 2"x 1/2" Red. Ins-SA182	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace BB Piping at Valve 2BB006 _

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1200 psig Test Temp. 600 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 11/13 ,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 **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 8-6-07 to 11-14-07 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 NC 978 I,N,A
Inspector's Signature

Date 11-14 ,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 COMPANY — 1a Date 11/12/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1731979-04
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201253
   Expiration Date N/A
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	1 1/2" Blank Full Coupling- SA182, 1 1/2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy Corp.	C-2NI	172	2NI307-10 thru 17	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install 2NIFE6430_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1371 psig Test Temp. 80.6 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 Walter L. Smith TECH SPEC II Date 11/12 ,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 8-15-07 to 11-19-07 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 INA
Inspector's Signature

Date 11-19 ,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 COMPANY — 1a Date 11/12/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1731979-05
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201253
   Expiration Date N/A
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	1 1/2" Blank Full Coupling- SA182, 1 1/2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy Corp.	C-2NI	172	2NI280-37 thru 44	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install 2NIFE6440_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1371 psig Test Temp. 80.6 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 L Smith TECH SPEC II Date 11/12 ,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 8-21-07 to 11-19-07 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 NC 978 I,N,A
Inspector's Signature

Date 11-19 ,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 COMPANY 1a Date 11/12/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1731979-06
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD201253
   Expiration Date N/A
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	1 1/2" Blank Full Coupling- SA182, 1 1/2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy Corp.	C-2NI	172	2NI113-54 thru 61	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install 2NIFE6450_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1371 psig Test Temp. 80.6 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 11/12 ,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 8-15-07 to 11-19-07 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 I,NA
Inspector's Signature

Date 11-19 ,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 COMPANY 1a Date 11/12/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1731979-07
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD201253
   Expiration Date N/A
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	1 1/2" Blank Full Coupling- SA182, 1 1/2" Pipe- SA376	NA	Installed	No
B	Pipe Welds	Duke Energy Corp.	C-2NI	172	2NI305-41 thru 48	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install 2NIFE6460_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 1371 psig Test Temp. 80.6 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 L Sato TECH SPEC II Date 11/12 ,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 8-15-07 to 11-26-07 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 McGill Commissions NC 978 I,N,A
Inspector's Signature

Date 11-26 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/31/07 Sheet 1 of 1

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

3a Work Order # 1736991-06

3b NSM or MN # CE-201228

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" sch 160, SA-376,Tp304.	2007	Installed	No
B	Valve	Anchor Darling	E1581-51-9	702	Valve tag # 2NV338	2007	Removed	Yes
C	Valve	Velan	072010-2	NA	Valve Tag # 2NV338	2007	Installed	Yes
D	Pipe Welds	Duke Energy Corporation	C-2NV	170	2NV268-18 thru 20	2007	Installed	Yes
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NV388_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2410 psig Test Temp. 97.2 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 11/27 ,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 5-14-07 to 11-27-07 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 I,N,A
Inspector's Signature

Date 11-27 ,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 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
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/31/07 Sheet 1 of 1

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

3a Work Order # 1736992-07

3b NSM or MN # CE-201228

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 SA-376,TP304, 2"90ell,SA-182,F304,	NA	Installed	No
B	Pipe Welds	Duke Energy Corporation	C-2NV	170	2NV626-10 thru 14	2007	Installed	Yes
C	Valve	Borg Warner	31042	955	Valve tag 2NV316	1978	Removed	Yes
D	Valve	Velan	072010-1	NA	Valve tag 2NV316	2007	Installed	Yes
E							-	-
F							-	-

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

7. Description of Work Replace Valve 2NV316_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 2425 psig Test Temp. 96.9 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 [signature] TECH SPEC II Date 11/27 ,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 5-14-07 to 11-27-07 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 I,N,A
Inspector's Signature

Date 11-27 ,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 COMPANY — 1a Date 10/20/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1739065-01
   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 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	Valve Disc	Atwood Morrill	NA	NA	For Valve tag 2CF-166	NA	Removed	No
B	Valve Disc	Atwood Morrill	M-93	NA	For Valve tag 2CF-166	200	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Valve 2CF-166_

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 II Date 10/20 ,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 9-29-07 to 10-22-07 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 NC 978 1,NA
Inspector's Signature

Date 10-22 ,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 COMPANY — 1a Date 10/20/07 — Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company — 3a Work Order # 1739066-01
   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 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	Valve Disc	Atwood Morrill	NA	NA	Valve tag 2CF-169	NA	Removed	No
B	Valve Disc	Atwood Morrill	M-94	NA	Valve tag 2CF-169	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Valve 2CF-169_

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 II Date 10/20 ,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 9-29-07 to 10-22-07 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 Mottel Commissions NC 978 I,N,A
Inspector's Signature

Date 10-22 ,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 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
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 5/30/07 Sheet 1 of 1

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

3a Work Order # 1745385-01

3b NSM or MN # NA

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	C-2NV	127	Weld 2NV171-32	2007	Corrected	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Repair Weld 2NV171-32_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 345 psig Test Temp. 295 deg.F.

9. Remarks _ Code Cases ___NONE_Reference PIP C-07-1708 .

(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 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 4-9-07 to 5-17-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NC978 1,N,A
Inspector's Signature

Date 6-26 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 11/06/07 Sheet 1 of 1

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

3a Work Order # 1747846-08

3b NSM or MN # NA

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 Welds	Duke Energy Corp.	C-2NV	170	2NV142-24 & 25, 2NV148-10 & 11	2007	Installed	Yes
B	Pipe	NA	NA	NA	3" Pipe- SA376	NA	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Reroute NV Pipe_

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 345.6 psig Test Temp. 287 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 11/27 ,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 8-15-07 to 12-3-07 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.

Robert McFill Commissions NC 978 I,N,A
Inspector's Signature

Date 12-3 ,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 COMPANY 1a Date 10/25/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1748154-35
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD201309
   Expiration Date N/A
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	Pipe Welds	Duke Energy Corp.	C-2NI	172	2492-NI.00-139-24, 25, 30, 31	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install Accumulator "2A"_

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☐ Exempt ☐
Pressure 56 psig Test Temp. 85 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 _____ TECH SPEC II Date 10/25 ,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 7-26-07 to 10-29-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC 978 , N,A
Inspector's Signature

Date 10-29 ,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 COMPANY — 1a Date 11/06/2007 — 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 # 1753760-06
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CE201352
   Expiration Date N/A
4. Identification of System NS CONTAINMENT SPRAY SYSTEM — Class B
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code 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	TLB1-23	12377	2NS-36	1976	Removed	Yes
B	VALVE	BNL	A050808-9-30	N/A	2NS-36	2005	Installed	Yes
C	Thr'd Rod, Nuts	N/A	N/A	N/A	Rod - SA453 Gr660 Class A Nuts -SA453 Gr 660 Class A	N/A	Installed	No
D	Pipe / Fittings	N/A	N/A	N/A	2" Sch 40 and Sch 80 - SA376 TP304	N/A	Installed	No
E	Pipe Welds	Duke Energy Corporation	C-2NS	150	2NS47-7 & 8	2007	Installed	Yes
F							-	-

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

7. Description of Work : Replace valve 2NS-36_

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

9. Remarks _ Code Cases ___NONE_ Pressure test is exempt per 1WC-5230 (g). W/O 1753760-10 is included with this NIS-2 form.

(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 11/6 ,2007
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of NC and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 8-20-07 to 11-9-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert McGill Commissions NC978 INA
Inspector's Signature

Date 11-9 ,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 COMPANY 1a Date 11/06/2007 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 # 1753762-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CE201352
   Expiration Date N/A
4 Identification of System NS CONTAINMENT SPRAY SYSTEM Class B
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code 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	TLB1-23	12377	2NS-45	1976	Removed	Yes
B	VALVE	BNL	A050808-9-19	N/A	2NS-45	2005	Installed	Yes
C	Thr'd Rod, Nuts	N/A	N/A	N/A	Rod - SA453 Gr660 Class A Nuts -SA453 Gr 660 Class A	N/A	Installed	No
D	Pipe / Fittings	N/A	N/A	N/A	2" Sch 40 and Sch 80 - SA376 TP304	N/A	Installed	No
E	Pipe Welds	Duke Energy Corporation	C-2NS	150	2NS43-7 & 8	2007	Installed	Yes
F							-	-

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

7. Description of Work : Replace valve 2NS-45_

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

9. Remarks _ Code Cases ___NONE_ Pressure test is exempt per 1WC-5230 (g). W/O 1753762-10 is included with this NIS-2 form.

(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 11/6 ,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 8-20-07 to 11-9-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 I,N,A
Inspector's Signature

Date 11-9 ,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 COMPANY 1a Date 11/06/2007 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 # 1753763-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CE201352
   Expiration Date N/A
4. Identification of System NS CONTAINMENT SPRAY SYSTEM Class B
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code 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	OC3-11	13737	2NS-61	1977	Removed	Yes
B	VALVE	BNL	A050808-9-30	N/A	2NS-61	2005	Installed	Yes
C	Thr'd Rod, Nuts	N/A	N/A	N/A	Rod - SA453 Gr660 Class A Nuts -SA453 Gr 660 Class A	N/A	Installed	No
D	Pipe / Fittings	N/A	N/A	N/A	2" Sch 40 and Sch 80 - SA376 TP304	N/A	Installed	No
E	Pipe Welds	Duke Energy Corporation	C-2NS	150	2NS45-7 & 8	2007	Installed	Yes
F							-	-

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

7. Description of Work : Replace valve 2NS-61_

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

9. Remarks _ Code Cases __NONE_ Pressure test is exempt per 1WC-5230 (g). W/O 1753763-10 is included with this NIS-2 form.

(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 11/6 ,2007
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of NC and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 8-20-07 to 11-9-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 IN,A
Inspector's Signature

Date 11-9 ,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 COMPANY 1a Date 11/06/2007 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 # 1753765-02
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CE201352
   Expiration Date N/A
4. Identification of System NS CONTAINMENT SPRAY SYSTEM Class B
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code 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	Missing Tag	Missing Tag	2NS-64	Missing Tag	Removed	Yes
B	VALVE	BNL	A050808-9-30	N/A	2NS-64	2005	Installed	Yes
C	Thr'd Rod, Nuts	N/A	N/A	N/A	Rod - SA453 Gr660 Class A Nuts -SA453 Gr 660 Class A	N/A	Installed	No
D	Pipe / Fittings	N/A	N/A	N/A	2" Sch 40 and Sch 80 - SA376 TP304	N/A	Installed	No
E	Pipe Welds	Duke Energy Corporation	C-2NS	150	2NS41-7 & 8	2007	Installed	Yes
F							-	-

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

7. Description of Work : Replace valve 2NS-64_

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

9. Remarks _ Code Cases __NONE_ Pressure test is exempt per 1WC-5230 (g). W/O 1753765-10 is included with this NIS-2 form.

(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 Sitt TECH SPEC II Date 11/6 ,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 8-20-07 to 11-9-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 I,N,A
Inspector's Signature

Date 11-9 ,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 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 NI SAFETY INJECTION 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 10/25/07

Sheet 1 of 2

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

3a Work Order # 1760022-20

3b NSM or MN # CD201309

Class 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/Fitting	NA	NA	NA	18" Pipe- SA312 18" Pipe Cap- SA403	NA	Installed	No
B	Pipe Welds	Duke Energy Corp.	C-2NI	172	2492-NI.00-138-17, 19, 28, 29	2007	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 COMPANY — 1a Date 10/25/07 — Sheet 2 of 2
   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 # 1760022-20
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201309
   Expiration Date N/A
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	Welds	Duke Energy	C-2NI	172	2-R-NI-BMR1 2-R-NI-BMR2	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install Accumulator "2B"_

8. Test Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☒ Other ☐ Exempt ☐
Pressure 56 psig Test Temp. 85 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 10/25 ,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 7-25-07 to 10-29-07 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 NC 978 INA
Inspector's Signature

Date 10-29 ,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 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
SV MAIN STEAM VENT TO ATMOSPHERE

1a Date 11/06/2007 Sheet 1 of 1
2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
3a Work Order # 1766953-01
3b NSM or MN # N/A
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	Plug and Stem Assembly	N/A	N/A	N/A	Pressure Operated Relieve Valve 2SV-01	N/A	Installed	No
B	Cap Screws	N/A	N/A	N/A	Cap Screws, Socket, ANSI B18.3	N/A	Installed	No
C	Nuts, Threaded Rod	N/A	N/A	N/A	Nuts - SA194, ANSI B18.2.2 Rod - SA193, GR B-7	N/A	Installed	No
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace plug and stem assembly._

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 II Date 11/6 ,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 10-14-07 to 11-13-07 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 ~~11-13~~ Rm NC978 I,N,A
Inspector's Signature

Date 11-13 ,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 COMPANY 1a Date 11/06/2007 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 # 1766968-01
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # N/A
   Expiration Date N/A
4 Identification of System Class B
SV MAIN STEAM VENT TO ATMOSPHERE
5. (a) Applicable Construction Code III 1974 Edition, S'75 Addenda, Code Cases _____
   (b) Applicable Edition of Section XI Utilized for Repairs or 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	Plug and Stem Assembly	N/A	N/A	N/A	Pressure Operated Relieve Valve 2SV-19	N/A	Installed	No
B	Cap Screws	N/A	N/A	N/A	Cap Screws, Socket, ANSI B18.3	N/A	Installed	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace plug and stem assembly._

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 II Date 11/6 ,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 10-16-07 to 11-13-07 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 NC 978 I,N,A
Inspector's Signature

Date 11-13 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/09/07 Sheet 1 of 1

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

3a Work Order # 1774089-03

3b NSM or MN # NA

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	Seal Weld	Duke Energy	C-2NV	170	Cover to Body Seal Weld for valve 2NV-60	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work I/R Valve 2NV-60_

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 10/9 ,2007
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of NC and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 9-20-07 to 10-11-07 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 McLil Commissions NC 978 I,N,A
Inspector's Signature

Date 10-11 ,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
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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/09/07 Sheet 1 of 1

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

3a Work Order # 1774338-01

3b NSM or MN # NA

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	Seal Weld	Duke Energy	C-2NV	170	Cover to Body Seal Weld for valve 2NV-79	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work I/R Valve 2NV-79_

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 _____ TECH SPEC II Date 10/9 ,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 9-20-07 to 10-11-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

_____ Commissions NC 978 I,N,A
Inspector's Signature

Date 10-11 ,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 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

1a Date 5/16/07 Sheet 1 of 1

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

3a Work Order # 1110849-14

3b NSM or MN # CD200154

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	Sway Strut	Anvil	2006-15	NA	For S/R 2-R-RN-240	2006	Installed	Yes
B	Bracket, Pipe Clamp	Anvil	NA	NA	For S/R 2-R-RN-240	NA	Installed	No
C	Welds	Duke Energy	C-2RN	160	Weld #2-R-RN-240-1 2-R-RN-240-2	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install S/R 2-R-RN-240_

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 [signature] TECH SPEC Date 5/16 ,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 12/13/06 to 5/23/07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 5/23 ,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
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

1a Date 5/17/07 Sheet 1 of 1

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

3a Work Order # 1110849-15

3b NSM or MN # CD200154

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	Eye Nut, Round Bar, Clevis	NA	NA	NA	For S/R 2-R-RN-247	NA	Installed	No
B	Clamp, Hex Nuts, Rod						-	-
C	Weld	Duke Energy	C-2RN	160	Weld #2-R-RN-247-1	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-R-RN-247_

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 _____ TECH SPEC Date 5/17 ,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 N.C. 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 5/21/07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC1477 A,N,I
Inspector's Signature

Date 5/23 ,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
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

1a Date 6/12/07 Sheet 1 of 1

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

3a Work Order # 1110850-14

3b NSM or MN # CD200154

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, Rod, Hex Nuts,Eye Nut	NA	NA	NA	S/R 2-R-RN-220	NA	Installed	No
B	Pipe Clamp Turnbuckle						-	-
C	Weld	Duke Energy	C-2RN	160	Weld 2-R-RN-220-1	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-R-RN-220_

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 Sitt TECH SPEC II 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 N C 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 6/28/07 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.

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

Date 6/28 ,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 6/12/07

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 # 1110850-15

3b NSM or MN # CD200154

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	Pipe Clamp, Rear Bracket	NA	NA	NA	S/R 2-R-RN-227	NA	Installed	No
B	Sway Strut	Anvil International	41-77311	NA	S/R 2-R-RN-227	2006	Installed	Yes
C	Weld	Duke Energy	C-2RN	160	Weld #2-R-RN-227-1, 2-R-RN-227-2	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-R-RN-227_

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 Stt TECH SPEC II Date 6/12 ,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 12/24/07 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 Austin Commissions NC 1477 INA
Inspector's Signature

Date 7/5/07 ,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 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

1a Date 6/12/07 Sheet 1 of 1

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

3a Work Order # 1110850-64

3b NSM or MN # CD200154

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	NA	NA	NA	For S/R 2-R-RN-385	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Replace S/R 2-R-RN-385_

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 [signature] TECH SPEC II Date 6/12 ,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 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.

[signature] Commissions NC 1477 INA
Inspector's Signature

Date 7/5 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 3/07/07 Sheet 1 of 1

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

3a Work Order # 1130660-01

3b NSM or MN # NA

Class ~~2~~ NF
CLS 3/8/07

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	41241	NA	S/R 2-A-NV-3631	1999	Removed	Yes
B	Snubber	Lisega	30400002107	NA	S/R 2-A-NV-3631	NA	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace S/R 2-A-NV-3631_

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 Scott TECH SPEC Date 3/7 ,2007
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

State or Province of 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 3-8-07 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 M. Gill Commissions NC978
Inspector's Signature

Date 3-8-07 ,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
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
   ND RESIDUAL HEAT REMOVAL SYSTEM

1a Date 7/24/07 Sheet 1 of 1

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

3a Work Order # 1703247-01

3b NSM or MN # NA

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	41750	NA	S/R 2-R-ND-277	2002	Removed	Yes
B	Snubber	Lisega	04617093/006	NA	S/R 2-R-ND-277	NA	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace S/R 2-R-ND-277_

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 [signature] TECH SPEC II Date 7/24 ,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 6-27-07 to 7-30-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

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

Date 7-30 ,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 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

1a Date 11/05/07 Sheet 1 of 1

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

3a Work Order # 1708879-55

3b NSM or MN # CD200411

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 Corp.	C-2RN	117	Weld # 2-R-RN-0079	2007	Installed	Yes
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install S/R 2-R-RN-0079_

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 Seth TECH SPEC II Date 11/5 ,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 8/8/07 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 Overthat Commissions NC1477 AIN
Inspector's Signature

Date 11/6 ,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
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 11/13/07 Sheet 1 of 1

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

3a Work Order # 1708880-09

3b NSM or MN # CD200411

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	Pipe Clamp, Bracket, Plate	NA	NA	NA	For S/R 2-R-RN-372	NA	Installed	No
B	Sway Strut	Anvil	41-79292	NA	For S/R 2-R-RN-372	2007	Installed	Yes
C	Welds	Duke Energy Corp.	C-2RN	160	2-R-RN-372-1, 2, 3 2-R-RN-373-1, 2	2007	Installed	Yes
D	Pipe Clamp, Plate	NA	NA	NA	For S/R 2-R-RN-373	NA	Installed	No
E	Sway Strut	Anvil	41-80248	NA	For S/R 2-R-RN-373	2007	Installed	Yes
F							-	-

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

7. Description of Work Install S/R 2-R-RN-372 & 373_

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 Scott TECH SPEC II Date 11/13 ,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 5/2/07 to 1/10/08 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.

Kenneth Dentist Commissions NC1477 A,I,N
Inspector's Signature

Date 1/10 ,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 11/07/07

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 # 1708881-35

3b NSM or MN # CD200411

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	Rear Bracket	NA	NA	NA	For S/R 2-R-RN-015	NA	Installed	No
B	Sway Strut	Anvil	2007-49	NA	For S/R 2-R-RN-015	2007	Installed	Yes
C	Sway Strut	Anvil	2007-48	NA	For S/R 2-R-RN-015	2007	Installed	Yes
D	Welds	Duke Energy Corp.	C-2RN	160	2-R-RN-015-5, 7 thru 14	2007	Installed	Yes
E							-	-
F							-	-

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

7. Description of Work Install S/R 2-R-RN-015_

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 II Date 11/07 ,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 11/2/07 to 1/10/07 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 Albright Commissions NC 1477 A, I, N
Inspector's Signature

Date 1/10 ,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
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

1a Date 11/05/07 Sheet 1 of 1

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

3a Work Order # 1723594-16

3b NSM or MN # CD200411

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	NA	NA	NA	For S/R 2-R-RN-185	NA	Installed	No
B	Rear Bracket, U-Bolt, Tubesteel	NA	NA	NA	For S/R 2-R-RN-186	NA	Installed	No
C	Rear Bracket, U-Bolt, Tubesteel	NA	NA	NA	For S/R 2-R-RN-187	NA	Installed	No
D	Welds	Duke Energy Corp.	C-2RN	160	Welds# 2-R-RN-185-3, 2-R-RN-186-7 thru 10, 2-R-RN-188-1	2007	Installed	No
E					2-R-RN--187-7 thru 10		-	-
F							-	-

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

7. Description of Work Install S/R 2-R-RN-185 thru 188_

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 II Date 11/5 ,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 6/25/07 to 11/6/07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Kenneth A Butler Commissions NC 1477 AIN
Inspector's Signature
Date ~~7/11~~ 11/7/07 ,20 07
KEO

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 10/05/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1726647-01
   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 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	Pivot Pin	NA	NA	NA	For S/R 2-R-SM-1029	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Repair S/R 2-R-SM-1029_

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 Stt TECH SPEC II Date 10/5 ,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 9-27-07 to 10-7-07 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 NC 978 I/A
Inspector's Signature

Date 10-7 ,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 COMPANY — 1a Date 01/02/08 — Sheet 1 of 2
   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 # 1731709-07
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD200947
   Expiration Date N/A
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	Sway Strut	Anvil	2007-9	NA	For S/R 2-R-NI-1961	2007	Installed	Yes
B	Sway Strut	Anvil	2007-8	NA	For S/R 2-R-NI-1961	2007	Installed	Yes
C	Plate, Brackets, Pipe Clamp,	NA	NA	NA	For S/R 2-R-NI-1961	NA	Installed	No
D	Welds	Duke Energy Corp.	C-2NI	172	2-R-NI-1961-1 thru 5 2-A-NI-4307-4	2007	Installed	Yes
E	Bracket	NA	NA	NA	For S/R 2-A-NI-4307,	NA	Installed	No
F							-	-

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

As Required By The Provisions Of The ASME Code Section XI

1. Owner DUKE POWER COMPANY — 1a Date 01/02/08 — Sheet 2 of 2
   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 # 1731709-07
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD200947
   Expiration Date N/A
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	Sway Strut	Grinnell	L7672	NA	For S/R 2-A-NI-4314	1984	Removed	Yes
B	Sway Strut	Anvil	2007-13	NA	For S/R 2-A-NI-4314	2007	Installed	Yes
C	Bracket	NA	NA	NA	For S/R 2-A-NI-4314	NA	Installed	No
D	Welds	Duke Energy Corp.	C-2NI	172	2-A-NI-4314-5 2-A-NI-4314-6	2007	Installed	Yes
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-R-NI-1961_

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. Sitt TECH SPEC II Date 1/2 ,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 6-13-07 to 1-3-08 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 Commissions NC 978 I,N,A
Inspector's Signature

Date 1-3 ,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
4. Identification of System
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 12/10/07 Sheet 1 of 3

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

3a Work Order # 1731744-07

3b NSM or MN # NA

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, Round Bar, Eye Nut, Nut	NA	NA	NA	For S/R 2-A-NV-4021	NA	Installed	No
B	Pipe Clamp	NA	NA	NA	For S/R 2-A-NV-4034	NA	Installed	No
C	Welds	Duke Energy Corp.	C-2NV	170	Weld # 2-A-NV-4034-1, 2 2-A-NV-4033-1 thru 6	2007	Installed	Yes
D	Pipe Clamp. Flat Bar	NA	NA	NA	Fpr S/R 2-A-NV-4033	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
4. Identification of System
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 12/10/07 Sheet 2 of 3

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

3a Work Order # 1731744-07

3b NSM or MN # NA

Class QNF CSS 12/10/07

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, Rear Bracket	NA	NA	NA	For S/R 2-R-NV-1484	NA	Installed	No
B	Welds	Duke Energy Corp.	C-2NV	170	2-R-NV-1484-5 thru 8	2007	Installed	Yes
C	Sway Strut	Grinnell	9904	NA	For S/R 2-R-NV-1484	1978	Removed	Yes
D	Sway Strut	Anvil	2007-22	NA	For S/R 2-R-NV-1484	2007	Installed	Yes
E	Sway Strut	Grinnell	3303	NA	For S/R 2-R-NV-1484	1979	Removed	Yes
F	Sway Strut	Anvil	2007-23	NA	For S'R 2-R-NV-1484	2007	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
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 12/10/07 Sheet 3 of 3

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

3a Work Order # 1731744-07

3b NSM or MN # NA

Class ¢ NF CSS 12/10/07

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	U Bolt, Hex Nuts	NA	NA	NA	For S/R 2-R-NV-1796	NA	Installed	No
B	Pipe Clamp, Flat Bar	NA	NA	NA	For S/R 2-R-NV-1800	NA	Installed	No
C	Welds	Duke Energy Corp.	C-2NV	170	2-R-NV-1800-1 thru 4, 2-R-NV-1485-5 thru 12	2007	Installed	Yes
D	Pipe Clamp, Flat Bar	NA	NA	NA	For S/R 2-R-NV-1485	NA	Installed	No
E							-	-
F							-	-

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

7. Description of Work Modify NV Supports._

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 II Date 12-10 ,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 6-13-07 to 12-10-07 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 IN,A
Inspector's Signature

Date 12-10 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/12/07 Sheet 1 of 1
2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
3a Work Order # 1736991-04
3b NSM or MN # CE201228
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	S/R 2-R-NV-425	NA	NA	NA	Flat Bar, U Bolt, Pivot Pin	NA	Installed	No
B	Welds	Duke Energy	C-2NV	170	Welds #2-R-NV-425-1, 2, 3	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Replace S/R 2-R-NV-423_

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 II Date 10/12 ,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 10-5-07 to 10-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC978 IN/A
Inspector's Signature

Date 10-15 ,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 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

1a Date 10/05/07 Sheet 1 of 1

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

3a Work Order # 1738653-45

3b NSM or MN # NA

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	11076	NA	For S/R 2-R-RN-387	NA	Installed	Yes
B	Rear Brackets	NA	NA	NA	For S/R 2-R-RN-387	NA	Installed	No
C	Welds	Duke Energy	C-2RN	160	Weld # 2-R-RN-0387-1, 2	2007	Installed	Yes
D							-	-
E							-	-
F							-	-

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

7. Description of Work Relocate S/R 2-R-RN-387_

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 Patty L Smith TECH SPEC II Date 10/5 ,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 N C and employed by **HSB I AND I Company of Connecticut** have inspected the components described in this Owners Report during the period 9/21/07 to 10/26/07 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.

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

Date 10/26 ,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 1a Date 12/10/07 Sheet 1 of 2
   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 # 1742174-07
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200947
   Expiration Date N/A
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	Bolt, Hex Nuts, Plate	NA	NA	NA	For S/R 2-A-KC-4307	NA	Installed	No
B	Sway Strut	Grinnell	L4662	NA	For S/R 2-A-KC-4307	1983	Removed	Yes
C	Sway Strut	Anvil	41-78674	NA	For S/R 2-A-KC-4307	2007	Installed	Yes
D	Sway Strut	Grinnell	L4698	NA	For S/R 2-A-KC-4307	1983	Removed	Yes
E	Sway Strut	Anvil	41-78674	NA	For S/R 2-A-KC-4307	2007	Installed	Yes
F	Welds	Duke Energy Corp.	C-2KC	166	Welds # 2-A-KC-4307-7 thru 10	2007	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 1a Date 12/10/07 Sheet 2 of 2
   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 # 1742174-07
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200947
   Expiration Date N/A
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	U bolt, Hex Nuts Flat Bar	NA	NA	NA	For S/R 2-A-KC-4306	NA	Installed	No
B	Weld	Duke Energy Corp.	C-2KC	166	2-A-KC-4306-1	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-A-KC-4306 & 4307_

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 II Date 12-10 ,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 6-13-07 to 12-10-07 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 McFill Commissions NC978 I,N,A
Inspector's Signature

Date 12-10 ,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 COMPANY 1a Date 12/03/07 Sheet 1 of 1
   Address 526 S. CHURCH STREET. CHARLOTTE N.C. 28201-1006
2. Plant CATAWBA NUCLEAR STATION 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)
   Address 4800 CONCORD RD. YORK, S.C. 29745
3. Work Performed By Duke Power Company 3a Work Order # 1744521-07
   Address 526 S. Church St. Charlotte, N.C. 28201-1006
   Type Code Symbol Stamp N/A Authorization No. N/A 3b NSM or MN # CD200947
   Expiration Date N/A
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 Huts, Rod, Pipe Clamp	NA	NA	NA	For S/R 2-R-NC-1280	NA	Installed	No
B	Weldless Eye Nut						-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-R-NC-1280_

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 II Date 12/3 ,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 9-19-07 to 12-3-07 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.

Robert McLiel Commissions NC978 I,N,A
Inspector's Signature

Date 12-3 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 5/16/07 Sheet 1 of 1

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

3a Work Order # 1745385-06

3b NSM or MN # NA

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	Pivot Pin	NA	NA	NA	For S/R 2-R-NV-1931	NA	Corrected	No
B	Pipe Clamp	NA	NA	NA	For S/R 2-R-NV-1602	NA	Corrected	No
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Modify S/R 2-R-NV-1931 & 2-R-NV-1602_

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 5/16 ,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 4-10-07 to 5-16-07 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 IN,A
Inspector's Signature

Date 5-16 ,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 COMPANY — 1a Date 10/23/07 — Sheet 1 of 1

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

2. Plant CATAWBA NUCLEAR STATION — 2a Unit ☐ 1 ☒ 2 ☐ 3 ☐ Shared (specify Units ☐)

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

3. Work Performed By Duke Power Company — 3a Work Order # 1748154-31

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

Type Code Symbol Stamp N/A Authorization No. N/A — 3b NSM or MN # CD201309

Expiration Date N/A

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	Plate	NA	NA	NA	For S/R 2-R-NI-176	NA	Installed	No
B	Weld	Duke Energy Corp.	C-2NI	172	2-R-NI-176-1 thru 5	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install S/R 2-R-NI-176_

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 II Date 10/24 ,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 7-26-07 to 10-25-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC 978 I,N,A
Inspector's Signature

Date 10-25 ,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 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 11/05/2007 Sheet 1 of 1

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

3a Work Order # 1753731-02 CSW 11/12/07

3b NSM or MN # CD201357

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	Eye Nut, Washer Plate, Nuts, Threaded Rod	N/A	N/A	N/A	2-R-CA-1640	N/A	Installed	No
B							-	-
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work : Replace 5/8" parts with 3/4" parts per Mod. CD201357_

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 Sitt TECH SPEC II Date 11/5 ,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 10-8-07 to 11-9-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Robert McGill Commissions NC 978 IN/A
Inspector's Signature

Date 11-9 ,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 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 KF SPENT FUEL COOLING 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 9/10/07

Sheet 1 of 1.

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

3a Work Order # 1754050-01

3b NSM or MN # NA

Class ~~C~~ NF CSS 9/12/07

	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	19746	NA	2-R-KF-0029	1981	Removed	Yes
B	Snubber	Liesga	1615123/073	NA	2-R-KF-0029	2004	Installed	Yes
C	Snubber	PSA	3545	NA	2-R-KF-0029	1977	Removed	Yes
D	Snubber	Liesga	1615123/071	NA	2-R-KF-0029	2004	Installed	Yes
E							-	-
F							-	-

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

7. Description of Work Replace S/R 2-R-KF-0029_

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 Sitt TECH SPEC II Date 9/10 ,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 7-31-07 to 9-10-07 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 McLill Commissions NC 978 I,N,A
Inspector's Signature

Date 9-10 ,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 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 NI SAFETY INJECTION 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 10/05/07 Sheet 1 of 1

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

3a Work Order # 1760022-15

3b NSM or MN # CD201309

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	Plate	NA	NA	NA	For S/R 2-R-NI-0175	NA	Installed	No
B	Welds	Duke Energy	C-2NI	172	Weld # 2-R-NI-0175-1, 2, 3, 4, 5, 6	2007	Installed	Yes
C							-	-
D							-	-
E							-	-
F							-	-

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

7. Description of Work Install S/R 2-R-NI-0175_

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 _____ TECH SPEC II Date 10/5 ,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 7-25-07 to 10-7-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

_____ Commissions NC 978 I,N,A
Inspector's Signature

Date 10-7 ,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 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
NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/12/07 Sheet 1 of 1

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

3a Work Order # 1774768-01

3b NSM or MN # NA

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	Bolting	NA	NA	NA	Stud- SA193 Hex Nuts- A563 for S/R 2-R-NV-1614	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Repair S/R 2-R-NV-1614_

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 [signature] TECH SPEC II Date 10/12 ,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 10-1-07 to 10-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[signature] Commissions NC 978 USA
Inspector's Signature

Date 10-15 ,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 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
   NV CNEMICAL VOLUME CONTROL SYSTEM

1a Date 10/12/07 Sheet 1 of 1

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

3a Work Order # 1774811-01

3b NSM or MN # NA

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	Bolting	NA	NA	NA	Bolt- A325 Hex Nuts- A563 for S/R 2-R-NV-1599	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 81/2in. x 11 in. (2) information in items 1 through 6 on this reports included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7. Description of Work Repair S/R 2-R-NV-1599_

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 Scott TECH SPEC II Date 10/15 ,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 10-1-07 to 10-15-07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in this Owners Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

R McGill Commissions NC 978 I,N,A
Inspector's Signature

Date 10-15-07,20_

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 2. Table 6-1 shows the number of pressure test zones completed from refueling outage EOC-14 through refueling outage EOC-15. 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)	24

Table 6-2 shows the number of pressure test zones completed 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	1	50%
C-H	System Leakage Test (IWC-5220)	32	24	75%

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 EOC15.

Table 6-3 Detailed Class 1 Listing

Zone Number	**Boundary Dwg**	**EOC15 Completion Status**	**EOC15 VT-2 Examination Date**
2NC-001L-A	CN-ISIL3-2553-1.0	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2553-1.1	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2554-1.0	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2554-1.5	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2562-1.0	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2562-1.1	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2562-1.2	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2562-1.3	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2561-1.0	Complete	11/12/2007
2NC-001L-A	CN-ISIL3-2561-1.1	Complete	11/12/2007

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	2BB-001L-B	CN-ISIL3-2565-2.6	Complete	11/12/2007
		CN-ISIL3-2572-1.4	Complete	11/12/2007
		CN-ISIL3-2580-1.0	Complete	11/12/2007
		CN-ISIL3-2584-1.0	Complete	11/12/2007
2	2CA-001L-B	CN-ISIL3-2584-1.0	Complete	11/12/2007
		CN-ISIL3-2591-1.1	Complete	11/12/2007
		CN-ISIL3-2592-1.1	Complete	11/12/2007
		CN-ISIL3-2593-1.0	Complete	11/12/2007
		CN-ISIL3-2593-1.1	Complete	11/12/2007
		CN-ISIL3-2593-1.7	Complete	11/12/2007
3	2FW-001L-B	CN-ISIL3-2554-1.7	Complete	09/05/2007
		CN-ISIL3-2563-1.0	Complete	09/05/2007
		CN-ISIL3-2571-1.0	Complete	09/05/2007
		CN-ISIL3-2554-1.2	Complete	09/05/2007
		CN-ISIL3-2561-1.0	Complete	09/05/2007
		CN-ISIL3-2562-1.2	Complete	09/05/2007
		CN-ISIL3-2570-1.0	Complete	09/05/2007
4	2FW-002L-B	CN-ISIL3-2571-1.0	Complete	07/25/2007
5	2NC-001L-A	CN-ISIL3-2553-1.2	Complete	11/12/2007
6	2NC-005L-B	CN-ISIL3-2553-1.0	Complete	11/12/2007
		CN-ISIL3-2572-1.0	Complete	11/12/2007
7	2NC-006L-B	CN-ISIL3-2553-1.1	Complete	11/12/2007
		CN-ISIL3-2572-1.0	Complete	11/12/2007
8	2ND-001L-B	CN-ISIL3-2561-1.0	Complete	09/17/2007
		CN-ISIL3-2562-1.3	Complete	09/17/2007
		CN-ISIL3-2561-1.1	Not Yet Tested	
		CN-ISIL3-2562-1.2	Not Yet Tested	
		CN-ISIL3-2563-1.0	Not Yet Tested	
		CN-ISIL3-2571-1.0	Not Yet Tested	
		CN-ISIL3-2572-1.0	Not Yet Tested	

Table 6-4 Detailed Class 2 - 1st Period Listing				
	Zone Number	Boundary Dwg	Completion Status	VT-2 Examination Date
9	2ND-002L-B	CN-ISIL3-2561-1.1	Complete	09/17/2007
		CN-ISIL3-2562-1.3	Complete	09/17/2007
		CN-ISIL3-2563-1.0	Not Yet Tested	
		CN-ISIL3-2561-1.0	Not Yet Tested	
		CN-ISIL3-2562-1.2	Not Yet Tested	
		CN-ISIL3-2571-1.0	Not Yet Tested	
		CN-ISIL3-2572-1.0	Not Yet Tested	
10	2ND-003L-B	CN-ISIL3-2561-1.0	Complete	11/05/2007
		CN-ISIL3-2554-1.0	Complete	11/05/2007
11	2ND-004L-B	CN-ISIL3-2554-1.7	Complete	10/19/2007
		CN-ISIL3-2561-1.0	Complete	10/19/2007
12	2NI-001L-B	CN-ISIL3-2562-1.1	Complete	11/12/2007
		CN-ISIL3-2572-1.1	Complete	11/12/2007
13	2NI-002L-B	CN-ISIL3-2562-1.1	Complete	11/07/2007
		CN-ISIL3-2562-1.2	Complete	11/07/2007
14	2NI-003L-B	CN-ISIL3-2562-1.2	Partial	10/18/2007
		CN-ISIL3-2562-1.3	Partial	10/18/2007
15	2NI-004L-B	CN-ISIL3-2562-1.3	Complete	10/18/2007
16	2NI-005L-B	CN-ISIL3-2562-1.2	Complete	07/13/2007
17	2NI-006L-B	CN-ISIL3-2562-1.2	Complete	10/16/2007
18	2NI-007L-B	CN-ISIL3-2562-1.2	Complete	10/16/2007
19	2NI-008L-B	CN-ISIL3-2562-1.2	Complete	10/18/2007
20	2NI-009L-B	CN-ISIL3-2562-1.2	Complete	10/19/2007
21	2NI-010L-B	CN-ISIL3-2562-1.0	Complete	10/17/2007
22	2NS-001L-B	CN-ISIL3-2563-1.0	Complete	06/06/2007
23	2NS-002L-B	CN-ISIL3-2563-1.0	Not Yet Tested	
24	2NV-001L-B	CN-ISIL3-2554-1.0	Complete	11/12/2007
		CN-ISIL3-2554-1.5	Complete	11/12/2007
		CN-ISIL3-2554-1.8	Complete	11/12/2007
25	2NV-002L-B	CN-ISIL3-2554-1.7	Complete	06/27/2007
26	2NV-003L-B	CN-ISIL3-2554-1.7	Complete	07/16/2007
27	2NV-004L-B	CN-ISIL3-2554-1.2	Not Yet Tested	
28	2NV-005L-B	CN-ISIL3-2554-1.2	Not Yet Tested	
29	2NV-006L-B	CN-ISIL3-1554-1.4	Complete	07/16/2007
		CN-ISIL3-1556-1.0	Complete	07/16/2007
		CN-ISIL3-2554-1.0	Complete	07/16/2007
		CN-ISIL3-2554-1.1	Complete	07/16/2007
		CN-ISIL3-2554-1.2	Complete	07/16/2007
		CN-ISIL3-2554-1.5	Complete	07/16/2007
		CN-ISIL3-2554-1.6	Complete	07/16/2007
		CN-ISIL3-2554-1.7	Complete	07/16/2007
		CN-ISIL3-2562-1.0	Complete	07/16/2007
		CN-ISIL3-2562-1.2	Complete	07/16/2007

Table 6-4 Detailed Class 2 - 1st Period Listing				
	Zone Number	**Boundary Dwg**	**Completion Status**	**VT-2 Examination Date**
30	2NV-008L-B	CN-ISIL3-2554-1.0 CN-ISIL3-1554-1.2	Complete Complete	11/12/2007 11/12/2007
31	2SA-001L-B	CN-ISIL3-2593-1.1	Not Yet Tested	
32	2SA-001L-C	CN-ISIL3-2593-1.1	Not Yet Tested	

Section 6 Prepared By:	Date:
Jim Boughman	12/10/07

Section 6 Reviewed By:	Date:
R. D. Hudson	12/11/07

Attachment 2

Catawba Unit 2 End of Cycle 15 Steam Generator In-service Inspection Summary Report

Steam Generator
In-service Inspection Summary Report

Catawba Unit 2 2007
Outage EOC 15

Location: 4800 Concord Road, York South Carolina 29745

NRC Docket No. 50-414

National Board No. 173

Commercial Service Date: August 19, 1986

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

Revision 0

Prepared By: _____ Date: 2-5-08

Checked By: _____ Date: 2/5/2008

Approved By: _____ Date: 2/5/08

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1	NRC Document Control

Uncontrolled Distribution

2	Hartford Steam Boiler Inspection and Insurance Co. of Connecticut (HSB CT)
Electronic	Steam Generator Common Storage (Sgm on 'Ngofs2')

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

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Power Company LLC, 526 S. Church St.. Charlotte, NC 28202
   (Name and Address of Owner)

2. Plant: Catawba Nuclear Station, 4800 Concord Road, York, SC 29745
   (Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date: August 19, 1986

6. National Board Number for Unit 173

7. Components Inspected:

Component	Manufacturer	Manufacturer Serial No.	State or Province No.	National Board No.
Steam Generator 2A	Westinghouse	1923	N/A	4
Steam Generator 2B	Westinghouse	1922	N/A	3
Steam Generator 2C	Westinghouse	1921	N/A	2
Steam Generator 2D	Westinghouse	1924	N/A	5

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

FORM NIS-1 (Back)

8. Examination Dates 04/24/2006 to 11/17/2007

9. **Inspection Period Identification:** #1

10. **Inspection Interval Identification:** #3

11. Applicable Edition of Section XI 1998 Addenda 2000

12. Date/Revision of Inspection Plan: 9/26/2007/ Revision 12

13. Abstract of Examinations and Test. Refer to attached inspection report for examination category B-Q, Item B16.20, ASME Class 1 Steam Generator tubing conducted during Catawba unit 2 EOC15 outage.

14. Abstract of Results of Examination and Tests. Refer to attached inspection report for examination category B-Q, Item B16.20, ASME Class 1 Steam Generator tubing conducted during Catawba unit 2 EOC15 outage.

15. Abstract of Corrective Measures. Refer to attached inspection report for examination category B-Q, Item B16.20, ASME Class 1 Steam Generator tubing conducted during Catawba unit 2 EOC15 outage.

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 ~~Feb.8~~ Feb.5 2008 Signed Duke Power Co. LLC By P.W. Snearing
PWS
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 and Insurance Company of Connecticut have inspected the components described in this Owners' Report during the period A-24-06 to 2-5-08, 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 McGill Commissions NC 978 I, N, A, C, NS
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-5 20 08

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

Catawba 2 EOC 15 Steam Generator Tube Inspection Report

Pursuant to Catawba technical specification 5.6.8 the following information is provided:

a. The scope of inspections performed on each SG

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

1) *All tubes with previous indications, e.g., wear, DNT, PLP, etc. (above ARC elevation)*
2) *All tubes surrounding plugged tubes one tube deep. Periphery tubes two rows deep (outer perimeter, open lane, and T-slot)*
3) *20% sample of Row 1 through Row 10*
4) *Tubes susceptible to "Seabrook type" ODSCC due to cold work (approx. 27 tubes)*
5) *25% random sample of remaining tubes not inspected during EOC14*

Note: There were 2706 tubes inspected with bobbin in the A SG, 2618 in the B SG, 2569 in the SG and 2767 in the D SG.

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

1) *Special interest based on new bobbin calls (new wear indications, all bobbin "I" codes, and some miscellaneous codes)*
2) *20% sample of tubesheet region in all four (4) steam generators from TEH to TSH + 3 inches. B SG expanded to 100% for TTS indications.*
3) *20% sample of Row 1 and 2 u-bend regions in all four (4) steam generators*
4) *20% sample of Row 10 u-bend regions in all four (4) steam generators*
5) *20% sample of Rows 1 through 10 at tube supports 08H and 09C in all four (4) steam generators (for evidence of complete blockage)*
6) *20% sample of pre-heater expansions in all four (4) steam generators*
7) *Periphery tubes two rows deep (TSH to 01H, TSC to 19C) in all four (4) steam generators (Outer perimeter, open lane, and T-slot)*
8) *Periphery tubes at 18th tube support plate on cold leg (two rows deep) in all four (4) steam generators*
9) *100% of Tubesheet OXP's and bulges in Steam generator "B hot leg (above ARC elevation)*
10) *20% of tubesheet OXP's and bulges in all remaining channel heads (above ARC elevation)*
11) *New dent indications and existing dent indications not analyzed during EOC14*
12) *Bounding inspections two tubes around all PLP indications confirmed with array*
13) *Bounding inspections two tubes around all PLP indications dating back to EOC 11 if indications are still present/confirmed with array.*

Plug inspection scope shall be as follows:

1) Visual inspection of all plugs

b. Active degradation mechanisms found

Active degradation found in the all four of the Catawba Unit 2 Steam Generators include wear at support structures. OD indications were found at the top of tubesheet in the B steam generator. ID indications were found in the tack expansions in the B steam generator. ID indications were found at the tube end in the A,C and D steam generators.

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

Bobbin was utilized for the detection of the wear. The array was utilized for the detection of the indications at the top of tubesheet, within the tubesheet and at the tube end.

d. Location, orientation (if linear), and measured sizes (if available) of service 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

Eight tubes were plugged in the B steam generator for top of tubesheet indications.

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

Steam Generator	A	B	C	D	Total
Prior to EOC-15	69	99	55	87	310
EOC-15	0	8	0	0	8
Total	69	107	55	87	318
% Plugged	1.51	2.34	1.20	1.90	1.74

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

The only observed tubing degradation at EOC 15 not exempted by alternate repair criteria was wear and the top of tubesheet axial indications (presumed to be ODSCC) identified in steam generator B. All CM requirements were met.

For wear, the maximum observed NDE depth reading was 35% through wall. An NDE reading of 65% through wall or less assures the structural integrity requirement is met.

For the presumed axial ODSCC near the top of the tubesheet in steam generator B, a worst case indication was evaluated at 69% NDE depth and 0.5" length. The condition monitoring limit for this form of degradation is 78% NDE depth at a 0.5" length.

No tube pulls or in-situ testing were performed during unit 2 EOC15.

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

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

The complete listings of service induced indications are on the following pages. The indication codes and their descriptions are provided here to assist in review of these lists.

Indication Three Letter Codes

Ind Code	Description
SAI	Single Axial Indication
MAI	Multiple Axial Indication
SCI	Single Circumferential Indication
MCI	Multiple Circumferential Indication
TWD	Through Wall Dimension
VOL	Volumetric Indication
WAR	Wear

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
1	104	29.63	17	14	SCI		TEC	0.21	TSC	TEC			405	COLD	610XP	Tubesheet Exam
7	23	3.67	46	106	MAI		TEH	0.23	TSH	TEH			58	HOT	610XP	Selected Array
		31.83	39	78	SCI		TEH	0.12	TSH	TEH			58	HOT	610XP	Selected Array
29	76	31.71	13	78	SCI		TEH	1.14	TSH	TEH			496	HOT	610XP	Tubesheet Exam
30	13	1.19	0	P4	TWD	18	AV3	0.00	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
30	23	0.72	0	P4	TWD	13	AV2	-0.15	TEC	TEH	WAR		630	HOT	XPMMR610	Bobbin Exam
30	75	19.25	17	114	SCI		TEH	1.00	TSH	TEH			494	HOT	610XP	Tubesheet Exam
31	102	0.45	0	P4	TWD	11	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		0.67	0	P4	TWD	14	AV2	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
31	103	1.60	0	P4	TWD	22	AV2	0.23	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
32	15	0.59	0	P4	TWD	12	AV2	0.39	TEC	TEH	WAR		234	HOT	XPMMR610	Bobbin Exam
32	70	38.62	37	46	SCI		TEH	1.13	TSH	TEH			494	HOT	610XP	Tubesheet Exam
33	14	0.37	0	P4	TWD	8	AV4	0.18	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
33	69	41.06	28	94	MCI		TEH	1.11	TSH	TEH			492	HOT	610XP	Tubesheet Exam
33	93	1.02	0	P4	TWD	16	AV2	0.00	TEC	TEH	WAR	OR	310	HOT	XPMMR610	Bobbin Exam
33	99	0.56	0	P4	TWD	10	AV2	0.00	TEC	TEH	WAR		310	HOT	XPMMR610	Bobbin Exam
33	100	0.67	0	P4	TWD	14	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
34	69	10.37	26	110	SCI		TEH	1.22	TSH	TEH			492	HOT	610XP	Tubesheet Exam
34	99	0.37	0	P4	TWD	10	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		0.51	0	P4	TWD	11	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
35	16	1.29	0	P4	TWD	19	AV3	0.00	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
		0.84	0	P4	TWD	14	AV2	0.04	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
35	28	1.44	0	P4	TWD	20	AV3	0.00	TEC	TEH	WAR		628	HOT	XPMMR610	Bobbin Exam
37	17	0.87	0	P4	TWD	14	AV3	0.18	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
		0.39	0	P4	TWD	8	AV2	0.00	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
37	27	0.97	0	P4	TWD	15	AV2	0.13	TEC	TEH	WAR		226	HOT	XPMMR610	Bobbin Exam
37	39	0.72	0	P4	TWD	12	AV2	0.21	TEC	TEH	WAR		616	HOT	XPMMR610	Bobbin Exam
37	77	1.04	0	P4	TWD	17	AV4	0.00	TEC	TEH	WAR	OR	292	HOT	XPMMR610	Bobbin Exam
		1.02	0	P4	TWD	18	AV3	-0.22	TEC	TEH	WAR	OR	292	HOT	XPMMR610	Bobbin Exam
		1.16	0	P4	TWD	18	AV2	0.00	TEC	TEH	WAR	OR	292	HOT	XPMMR610	Bobbin Exam
38	17	0.78	0	P4	TWD	14	AV4	-0.12	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		1.01	0	P4	TWD	16	AV3	-0.12	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		0.73	0	P4	TWD	13	AV1	0.11	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
38	21	1.16	0	P4	TWD	18	AV2	0.00	TEC	TEH	WAR		630	HOT	XPMMR610	Bobbin Exam
38	22	0.82	0	P4	TWD	14	AV3	-0.06	TEC	TEH	WAR		632	HOT	XPMMR610	Bobbin Exam
		1.01	0	P4	TWD	16	AV2	0.15	TEC	TEH	WAR		632	HOT	XPMMR610	Bobbin Exam
38	23	0.77	0	P4	TWD	14	AV2	-0.18	TEC	TEH	WAR		630	HOT	XPMMR610	Bobbin Exam
38	25	0.84	0	P4	TWD	13	AV3	-0.01	TEC	TEH	WAR		626	HOT	XPMMR610	Bobbin Exam
38	89	0.83	0	P4	TWD	14	AV3	-0.19	TEC	TEH	WAR		300	HOT	XPMMR610	Bobbin Exam
		0.95	0	P4	TWD	15	AV2	-0.36	TEC	TEH	WAR		300	HOT	XPMMR610	Bobbin Exam
38	91	0.63	0	P4	TWD	11	AV4	-0.13	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
		1.02	0	P4	TWD	16	AV2	0.05	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
38	93	1.85	153	P4	TWD	22	AV2	0.03	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
38	96	0.31	0	P4	TWD	7	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		0.85	0	P4	TWD	16	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		2.47	0	P4	TWD	28	AV2	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
38	97	0.89	0	P4	TWD	16	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		1.42	0	P4	TWD	22	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		3.28	0	P4	TWD	31	AV2	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
38	98	0.76	0	P4	TWD	14	AV4	-0.11	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
		0.77	0	P4	TWD	14	AV3	-0.11	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
		1.14	0	P4	TWD	18	AV2	-0.14	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
39	21	0.66	0	P4	TWD	12	AV2	0.00	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
40	18	2.58	0	P4	TWD	27	AV3	0.09	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
40	94	0.74	0	P4	TWD	14	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
		1.63	0	P4	TWD	22	AV2	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
40	95	1.11	0	P4	TWD	18	AV4	-0.09	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
		1.77	0	P4	TWD	23	AV2	0.00	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
41	30	0.59	0	P4	TWD	11	AV2	0.18	TEC	TEH	WAR		628	HOT	XPMMR610	Bobbin Exam
41	44	0.75	0	P4	TWD	14	AV3	-0.03	TEC	TEH	WAR		610	HOT	XPMMR610	Bobbin Exam
		0.90	0	P4	TWD	15	AV2	0.18	TEC	TEH	WAR		610	HOT	XPMMR610	Bobbin Exam
		1.27	0	P4	TWD	19	AV1	-0.24	TEC	TEH	WAR		610	HOT	XPMMR610	Bobbin Exam
41	75	1.19	64	6	VOL		AV2	0.03	09C	08H	WAR	OR	88	HOT	610XP	UBend Special Inter
		0.86	0	P4	TWD	15	AV2	0.00	TEC	TEH	WAR	OR	288	HOT	XPMMR610	Bobbin Exam
41	81	0.71	0	P4	TWD	13	AV4	0.00	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
		1.27	0	P4	TWD	19	AV3	0.03	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
		1.97	0	P4	TWD	24	AV2	-0.03	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
41	83	0.95	0	P4	TWD	16	AV4	0.22	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
		1.54	0	P4	TWD	21	AV3	0.16	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
		1.30	0	P4	TWD	19	AV2	0.00	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
41	85	1.90	0	P4	TWD	23	AV3	0.00	TEC	TEH	WAR		688	HOT	XPMMR610	Bobbin Exam
41	90	0.90	0	P4	TWD	15	AV3	-0.19	TEC	TEH	WAR	OR	310	HOT	XPMMR610	Bobbin Exam
41	92	0.50	0	P4	TWD	12	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		0.99	0	P4	TWD	17	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
41	93	0.60	0	P4	TWD	12	AV4	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
		0.66	0	P4	TWD	13	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
41	94	0.65	0	P4	TWD	13	AV4	-0.10	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
		2.40	0	P4	TWD	26	AV3	-0.11	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
		1.20	0	P4	TWD	19	AV2	0.06	TEC	TEH	WAR		280	HOT	XPMMR610	Bobbin Exam
42	24	1.32	0	P4	TWD	19	AV2	0.00	TEC	TEH	WAR	OR	232	HOT	XPMMR610	Bobbin Exam
		0.96	75	106	VOL		AV2	0.00	09C	08H	WAR	OR	32	HOT	610XP	UBend Special Inter
42	81	0.66	0	P4	TWD	12	AV4	0.06	TEC	TEH	WAR		690	HOT	XPMMR610	Bobbin Exam
		0.92	0	P4	TWD	15	AV2	0.17	TEC	TEH	WAR		690	HOT	XPMMR610	Bobbin Exam
42	85	1.28	0	P4	TWD	19	AV3	0.11	TEC	TEH	WAR		690	HOT	XPMMR610	Bobbin Exam
		2.78	0	P4	TWD	28	AV2	0.00	TEC	TEH	WAR		690	HOT	XPMMR610	Bobbin Exam
42	91	0.75	0	P4	TWD	14	AV3	0.00	TEC	TEH	WAR		282	HOT	XPMMR610	Bobbin Exam
43	23	0.83	0	P4	TWD	14	AV2	0.06	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		0.41	0	P4	TWD	9	AV1	0.03	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
43	91	1.57	0	P4	TWD	21	AV4	-0.09	TEC	TEH	WAR		310	HOT	XPMMR610	Bobbin Exam
		1.07	0	P4	TWD	16	AV3	0.00	TEC	TEH	WAR		310	HOT	XPMMR610	Bobbin Exam
		1.15	0	P4	TWD	17	AV2	0.00	TEC	TEH	WAR		310	HOT	XPMMR610	Bobbin Exam
		0.51	0	P4	TWD	10	AV1	0.00	TEC	TEH	WAR		310	HOT	XPMMR610	Bobbin Exam
44	23	1.24	0	P4	TWD	19	AV4	0.03	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		4.34	0	P4	TWD	35	AV3	0.00	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		1.77	0	P4	TWD	23	AV2	-0.06	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		0.86	0	P4	TWD	15	AV1	0.00	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
44	25	1.10	0	P4	TWD	17	AV3	0.03	TEC	TEH	WAR		230	HOT	XPMMR610	Bobbin Exam
		0.86	0	P4	TWD	15	AV2	0.06	TEC	TEH	WAR	OR	230	HOT	XPMMR610	Bobbin Exam
44	31	0.81	0	P4	TWD	13	AV2	0.00	TEC	TEH	WAR		626	HOT	XPMMR610	Bobbin Exam
44	90	0.71	0	P4	TWD	12	AV3	0.00	TEC	TEH	WAR		310	HOT	XPMMR610	Bobbin Exam
44	92	1.06	0	P4	TWD	18	AV3	0.22	TEH	TEC	WAR	OR	227	COLD	XPMMR610	Bobbin Exam
		0.65	0	P4	TWD	13	AV4	0.29	TEH	TEC	WAR	OR	227	COLD	XPMMR610	Bobbin Exam
45	26	1.98	0	P4	TWD	23	AV3	-0.06	TEC	TEH	WAR		232	HOT	XPMMR610	Bobbin Exam
		0.73	0	P4	TWD	13	AV2	0.12	TEC	TEH	WAR	OR	232	HOT	XPMMR610	Bobbin Exam
45	90	0.92	0	P4	TWD	14	AV3	-0.24	TEC	TEH	WAR	OR	308	HOT	XPMMR610	Bobbin Exam
45	91	1.75	0	P4	TWD	22	AV4	-0.30	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
		1.26	0	P4	TWD	18	AV3	-0.27	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
		0.97	0	P4	TWD	15	AV2	0.16	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
47	27	2.61	0	P4	TWD	27	AV3	0.29	TEC	TEH	WAR	OR	226	HOT	XPMMR610	Bobbin Exam
		1.09	0	P4	TWD	16	AV2	-0.15	TEC	TEH	WAR		226	HOT	XPMMR610	Bobbin Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
48	85	0.44	0	P4	TWD	10	AV4	0.00	TEC	TEH	WAR		684	HOT	XPMMR610	Bobbin Exam
		0.27	0	P4	TWD	7	AV3	0.00	TEC	TEH	WAR		684	HOT	XPMMR610	Bobbin Exam
48	86	0.76	0	P4	TWD	13	AV4	0.00	TEC	TEH	WAR		288	HOT	XPMMR610	Bobbin Exam
		0.64	0	P4	TWD	12	AV3	0.00	TEC	TEH	WAR	OR	288	HOT	XPMMR610	Bobbin Exam
49	70	0.57	0	P4	TWD	12	AV1	0.00	TEC	TEH	WAR		284	HOT	XPMMR610	Bobbin Exam
49	81	1.00	140	P17	VOL		AV1	0.06	09C	08H	WAR		484	HOT	610XP	UBend Special Inter
		0.53	0	P4	TWD	12	AV1	0.18	TEC	TEH	WAR		284	HOT	XPMMR610	Bobbin Exam

Total Tubes : 67
Total Records: 117

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
1	6	1.44	60	130	SAI		TEH	0.15	TSH	TEH			538	HOT	610XP	Tubesheet Exam
1	8	3.55	39	186	SAI		TEH	0.24	TSH	TEH			538	HOT	610XP	Tubesheet Exam
1	10	8.06	38	186	SAI		TEH	0.15	TSH	TEH			538	HOT	610XP	Tubesheet Exam
1	15	7.79	28	186	SAI		TEH	0.28	TSH	TEH			538	HOT	610XP	Tubesheet Exam
1	16	12.13	33	130	SAI		TEH	0.13	TSH	TEH			538	HOT	610XP	Tubesheet Exam
1	34	7.23	42	58	MAI		TEH	0.17	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	36	6.62	30	38	SAI		TEH	0.12	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	37	28.73	10	66	SCI		TEH	0.07	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	38	8.83	41	58	MAI		TEH	0.06	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	39	3.77	19	42	SAI		TEH	0.15	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	40	13.47	31	58	MAI		TEH	0.24	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	43	5.03	49	58	MAI		TEH	0.18	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	44	10.43	36	58	MAI		TEH	0.12	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	46	9.98	41	38	SAI		TEH	0.09	TSH	TEH		OR	506	HOT	610XP	Tubesheet Exam
1	50	16.53	9	66	SCI		TEH	0.02	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	54	12.93	19	50	SCI		TEH	0.12	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	56	26.27	27	34	MCI		TEH	0.06	TSH	TEH			506	HOT	610XP	Tubesheet Exam
1	63	22.87	15	82	SCI		TEH	0.57	TSH	TEH			410	HOT	610XP	Tubesheet Exam
1	91	10.43	33	42	SAI		TEH	0.25	TSH	TEH			448	HOT	610XP	Tubesheet Exam
1	96	10.14	40	54	MAI		TEH	0.14	TSH	TEH			448	HOT	610XP	Tubesheet Exam
1	97	5.76	20	138	SAI		TEH	0.13	TSH	TEH			448	HOT	610XP	Tubesheet Exam
1	99	13.49	26	142	MAI		TEH	0.20	TSH	TEH			448	HOT	610XP	Tubesheet Exam
2	11	2.23	36	182	SAI		TEH	0.16	TSH	TEH			538	HOT	610XP	Tubesheet Exam
2	14	4.99	62	130	SAI		TEH	0.12	TSH	TEH			534	HOT	610XP	Tubesheet Exam
2	27	3.47	69	166	SAI		TEH	0.11	TSH	TEH			516	HOT	610XP	Tubesheet Exam
2	33	7.80	21	174	MAI		TEH	0.21	TSH	TEH		OR	508	HOT	610XP	Tubesheet Exam
2	34	7.07	24	166	MAI		TEH	0.15	TSH	TEH			508	HOT	610XP	Tubesheet Exam
2	44	5.93	26	70	SAI		TEH	0.09	TSH	TEH			508	HOT	610XP	Tubesheet Exam
2	70	3.43	49	186	SAI		TEH	0.29	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	77	0.87	31	186	SAI		TEH	0.14	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	78	7.04	24	182	MAI		TEH	0.18	TSH	TEH			12	HOT	610XP	Tubesheet Exam
2	79	3.64	29	170	SAI		TEH	0.11	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	80	0.81	124	182	SAI		TEH	0.11	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	82	5.82	44	182	SAI		TEH	0.36	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	83	4.11	36	186	MAI		TEH	0.22	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	84	3.15	69	190	SAI		TEH	0.25	TSH	TEH			412	HOT	610XP	Tubesheet Exam
2	86	5.29	26	134	MAI		TEH	0.11	TSH	TEH			448	HOT	610XP	Tubesheet Exam
2	92	4.91	17	142	SAI		TEH	0.93	TSH	TEH			146	HOT	RXP590	Tubesheet Exam
		2.08	18	134	SAI		TEH	0.29	TSH	TEH			48	HOT	610XP	Tubesheet Exam
2	95	4.97	29	6	SAI		TEH	0.17	TSH	TEH			448	HOT	610XP	Tubesheet Exam
3	14	1.81	48	122	SAI		TEH	0.09	TSH	TEH			536	HOT	610XP	Tubesheet Exam
3	21	12.58	21	38	SAI		TEH	0.27	TSH	TEH			514	HOT	610XP	Tubesheet Exam
3	24	2.22	106	42	SAI		TEH	0.07	TSH	TEH			514	HOT	610XP	Tubesheet Exam
3	29	7.90	36	38	SAI		TEH	0.27	TSH	TEH			514	HOT	610XP	Tubesheet Exam
3	30	4.17	29	22	SAI		TEH	0.10	TSH	TEH			514	HOT	610XP	Tubesheet Exam
3	32	4.54	154	22	SAI		TEH	0.10	02H	TEH			514	HOT	610XP	Tubesheet Exam
3	33	3.33	32	26	SAI		TEH	0.15	TSH	TEH			506	HOT	610XP	Tubesheet Exam
3	34	2.12	24	38	SAI		TEH	0.12	TSH	TEH			506	HOT	610XP	Tubesheet Exam
3	36	6.34	39	22	SAI		TEH	0.03	TSH	TEH			506	HOT	610XP	Tubesheet Exam
3	70	1.41	132	130	MAI		TEH	0.25	TSH	TEH			412	HOT	610XP	Tubesheet Exam
3	76	9.16	37	138	SAI		TEH	0.20	02H	TEH			490	HOT	610XP	Tubesheet Exam
3	77	3.11	21	166	MAI		TEH	0.35	TSH	TEH			410	HOT	610XP	Tubesheet Exam
3	78	4.04	22	158	SAI		TEH	0.49	TSH	TEH			410	HOT	610XP	Tubesheet Exam
3	79	3.61	12	154	SAI		TEH	0.96	TSH	TEH			410	HOT	610XP	Tubesheet Exam
3	80	10.38	217	138	SAI		TEH	0.17	02H	TEH			490	HOT	610XP	Tubesheet Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
3	83	4.31	20	138	MAI		TEH 0.99	TSH	TEH		OR	410	HOT	610XP	Tubesheet Exam
3	84	4.41	24	146	SAI		TEH 0.52	TSH	TEH			410	HOT	610XP	Tubesheet Exam
3	85	1.65	33	142	SAI		TEH 0.49	TSH	TEH			410	HOT	610XP	Tubesheet Exam
3	95	0.82	45	154	SAI		TEH 0.16	TSH	TEH			450	HOT	610XP	Tubesheet Exam
3	96	1.64	49	150	SAI		TEH 0.17	TSH	TEH			450	HOT	610XP	Tubesheet Exam
4	14	2.11	49	190	SAI		TEH 0.12	TSH	TEH			534	HOT	610XP	Tubesheet Exam
4	27	3.70	85	106	SAI		TEH 0.06	TSH	TEH			516	HOT	610XP	Tubesheet Exam
4	28	4.57	79	174	SAI		TEH 0.06	TSH	TEH			516	HOT	610XP	Tubesheet Exam
4	29	3.46	36	166	SAI		TEH 0.03	TSH	TEH			516	HOT	610XP	Tubesheet Exam
4	78	2.77	33	130	SAI		TEH 0.18	TSH	TEH			412	HOT	610XP	Tubesheet Exam
4	79	6.97	32	170	MAI		TEH 0.46	TSH	TEH			412	HOT	610XP	Tubesheet Exam
4	80	2.15	58	178	SAI		TEH 0.25	TSH	TEH			412	HOT	610XP	Tubesheet Exam
4	83	3.12	36	70	SAI		TEH 0.09	TSH	TEH			492	HOT	610XP	Tubesheet Exam
4	95	2.23	24	150	SAI		TEH 0.04	TSH	TEH		OR	492	HOT	610XP	Tubesheet Exam
5	31	3.50	121	22	SAI		TEH 0.07	TSH	TEH			510	HOT	610XP	Tubesheet Exam
5	44	9.14	38	54	SAI		TEH 0.17	TSH	TEH			490	HOT	610XP	Tubesheet Exam
5	76	10.41	37	54	MAI		TEH 0.20	02H	TEH			490	HOT	610XP	Tubesheet Exam
5	79	3.97	24	146	SAI		TEH 0.95	TSH	TEH			410	HOT	610XP	Tubesheet Exam
5	80	5.49	24	158	SAI		TEH 0.09	TSH	TEH			810	HOT	610XP	Tubesheet Exam
5	81	2.23	24	150	MAI		TEH 0.35	TSH	TEH			410	HOT	610XP	Tubesheet Exam
5	82	4.43	32	146	SAI		TEH 0.00 TO 0.21	TSH	TEH			410	HOT	610XP	Tubesheet Exam
5	106	8.48	37	26	SAI		TEH 0.17	02H	TEH			490	HOT	610XP	Tubesheet Exam
6	44	4.46	16	74	SAI		TEH 0.20	TSH	TEH			492	HOT	610XP	Tubesheet Exam
6	77	9.68	13	102	MAI		TEH 0.29	TSH	TEH		OR	412	HOT	610XP	Tubesheet Exam
6	79	3.13	54	174	SAI		TEH 0.25	TSH	TEH		OR	412	HOT	610XP	Tubesheet Exam
6	80	2.47	28	178	SAI		TEH 0.25	TSH	TEH		OR	412	HOT	610XP	Tubesheet Exam
6	81	2.87	90	178	SAI		TEH 0.29	TSH	TEH			412	HOT	610XP	Tubesheet Exam
6	82	0.83	107	178	MAI		TEH 0.14	TSH	TEH			412	HOT	610XP	Tubesheet Exam
6	84	1.74	71	178	SAI		TEH 0.25	TSH	TEH			412	HOT	610XP	Tubesheet Exam
7	34	3.27	32	38	SAI		TEH 0.06	TSH	TEH			506	HOT	610XP	Tubesheet Exam
7	39	8.31	43	22	SAI		TEH 0.15	TSH	TEH			506	HOT	610XP	Tubesheet Exam
7	45	4.34	52	70	SAI		TEH 0.17	TSH	TEH			490	HOT	610XP	Tubesheet Exam
7	56	12.06	32	122	MAI		TEH 0.23	02H	TEH			490	HOT	610XP	Tubesheet Exam
7	58	7.63	30	54	SAI		TEH 0.20	02H	TEH			490	HOT	610XP	Tubesheet Exam
7	77	3.27	46	182	SAI		TEH 0.12	TSH	TEH			416	HOT	610XP	Tubesheet Exam
7	79	5.48	25	190	MAI		TEH 0.30	TSH	TEH		OR	416	HOT	610XP	Tubesheet Exam
7	80	6.07	22	102	MAI		TEH 0.14	TSH	TEH		OR	416	HOT	610XP	Tubesheet Exam
7	86	1.85	57	182	MAI		TEH 0.18	TSH	TEH			446	HOT	610XP	Tubesheet Exam
8	13	0.51	36	26	SAI		TEH 0.20	TSH	TEH			534	HOT	610XP	Tubesheet Exam
8	25	0.37	0	P2	TWD	10	05H -0.74	09C	TEH	WAR		312	HOT	XPMMR610	Bobbin Exam
		0.39	72	2	VOL		05H -0.70	05H	05H	WAR		166	HOT	+PT610RPC3C	H/L and C/L Special
		0.74	89	2	VOL		05H -0.69	05H	05H	WAR		112	HOT	610XP	H/L and C/L Special
8	28	5.50	62	174	SAI		TEH 0.09	TSH	TEH			512	HOT	610XP	Tubesheet Exam
8	36	1.69	45	70	SAI		TEH 0.12	TSH	TEH			508	HOT	610XP	Tubesheet Exam
8	59	3.69	16	134	SAI		TEH 0.07	TSH	TEH			824	HOT	610XP	Tubesheet Exam
8	63	4.58	11	134	SAI		TEH 0.13	TSH	TEH			416	HOT	610XP	Tubesheet Exam
8	64	6.22	18	86	SAI		TEH 0.22	TSH	TEH			416	HOT	610XP	Tubesheet Exam
8	80	7.06	36	150	MAI		TEH 0.16	TSH	TEH			414	HOT	610XP	Tubesheet Exam
8	82	3.51	25	138	SAI		TEH 0.20	TSH	TEH		OR	414	HOT	610XP	Tubesheet Exam
9	27	2.21	37	26	SAI		TEH 0.07	TSH	TEH			510	HOT	610XP	Tubesheet Exam
9	65	6.28	12	122	SAI		TEH 0.11	TSH	TEH			416	HOT	610XP	Tubesheet Exam
9	76	4.02	24	190	MAI		TEH 0.06 TO 0.24	TSH	TEH			416	HOT	610XP	Tubesheet Exam
9	77	2.10	42	182	SAI		TEH 0.18	TSH	TEH			416	HOT	610XP	Tubesheet Exam
9	78	2.93	22	86	SAI		TEH 0.11	TSH	TEH			416	HOT	610XP	Tubesheet Exam
9	82	2.53	40	170	SAI		TEH 0.13	TSH	TEH		OR	416	HOT	610XP	Tubesheet Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
9	85	3.54	26	146	SAI		TEH	0.23	TSH	TEH			414	HOT	610XP	Tubesheet Exam
9	111	15.50	8	2	SCI		TEH	0.14	TSH	TEH			846	HOT	610XP	Tubesheet Exam
10	39	2.28	23	86	SAI		TEH	0.10	TSH	TEH			508	HOT	610XP	Tubesheet Exam
10	76	4.71	18	38	SAI		TEH	0.12	TSH	TEH			814	HOT	610XP	Tubesheet Exam
10	78	5.87	56	90	SAI		TEH	0.20	02H	TEH			414	HOT	610XP	Tubesheet Exam
10	81	4.20	25	26	SAI		TEH	0.21	TSH	TEH			814	HOT	610XP	Tubesheet Exam
10	84	1.65	28	58	SAI		TEH	0.18	TSH	TEH			492	HOT	610XP	Tubesheet Exam
11	66	3.18	34	154	SAI		TEH	0.18	TSH	TEH			492	HOT	610XP	Tubesheet Exam
11	70	11.80	28	182	SAI		TEH	0.24	TSH	TEH			816	HOT	610XP	Tubesheet Exam
11	77	9.41	37	6	MAI		TEH	0.11	TSH	TEH			416	HOT	610XP	Tubesheet Exam
12	36	5.04	10	178	SAI		TEH	0.06	TSH	TEH			508	HOT	610XP	Tubesheet Exam
12	64	8.92	26	134	SAI		TEH	0.58	TSH	TEH			428	HOT	610XP	Tubesheet Exam
		10.15	29	134	SAI		TEH	0.41	TSH	TEH			428	HOT	610XP	Tubesheet Exam
12	79	3.70	15	90	SAI		TEH	0.18	TSH	TEH			428	HOT	610XP	Tubesheet Exam
12	82	1.77	40	10	SAI		TEH	0.06	TSH	TEH			828	HOT	610XP	Tubesheet Exam
12	92	3.58	34	38	SAI		TEH	0.03	TSH	TEH			848	HOT	610XP	Tubesheet Exam
13	70	7.08	31	186	SAI		TEH	0.18	TSH	TEH			820	HOT	610XP	Tubesheet Exam
14	43	5.86	32	6	SAI		TEH	0.15	TSH	TEH			494	HOT	610XP	Tubesheet Exam
15	32	2.05	59	178	SAI		TEH	0.14	TSH	TEH			528	HOT	610XP	Tubesheet Exam
15	36	3.74	203	162	SAI		TEH	0.09	TSH	TEH			508	HOT	610XP	Tubesheet Exam
15	56	1.42	0	P4	TWD	16	AV4	-0.21	TEC	TEH	WAR		222	HOT	XPMMR610	Bobbin Exam
15	69	6.30	37	106	MAI		TEH	0.21	02H	TEH			490	HOT	610XP	Tubesheet Exam
15	77	2.67	23	70	SAI		TEH	0.06	TSH	TEH			488	HOT	610XP	Tubesheet Exam
15	79	0.00	0	2	TWD	0	TSH	0.09	TSH	TSH			62	HOT	+PT610RPC3C	Tubesheet Exam
		0.19	121	2	TWD	4	TSH	0.12	TSH	TSH			62	HOT	+PT610RPC3C	Tubesheet Exam
		0.27	116	2	TWD	20	TSH	0.15	TSH	TSH			62	HOT	+PT610RPC3C	Tubesheet Exam
		0.27	115	2	TWD	23	TSH	0.18	TSH	TSH			62	HOT	+PT610RPC3C	Tubesheet Exam
		0.16	118	2	TWD	14	TSH	0.20	TSH	TSH			62	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.23	TSH	TSH			62	HOT	+PT610RPC3C	Tubesheet Exam
		0.89	83	106	SAI		TSH	0.41	TSH	TEH			428	HOT	610XP	Tubesheet Exam
		0.38	100	3	SAI		TSH	0.22	TSH	TSH		OR	60	HOT	RPG590C	Special Run
16	45	4.43	15	74	MAI		TEH	0.12	TSH	TEH			494	HOT	610XP	Tubesheet Exam
17	28	1.56	103	142	SAI		TSH	0.32	TSH	TEH			514	HOT	610XP	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.08	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.47	114	2	TWD	1	TSH	0.10	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.40	114	2	TWD	1	TSH	0.12	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.15	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
18	49	2.56	24	154	SAI		TEH	0.09	TSH	TEH			494	HOT	610XP	Tubesheet Exam
18	64	9.00	33	154	SAI		TEH	0.41	TSH	TEH			428	HOT	610XP	Tubesheet Exam
18	71	0.00	0	2	TWD	0	TSH	0.10	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.23	121	2	TWD	0	TSH	0.12	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.25	121	2	TWD	0	TSH	0.14	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.24	130	2	TWD	0	TSH	0.17	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.16	116	2	TWD	0	TSH	0.20	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.19	106	2	TWD	0	TSH	0.23	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.19	107	2	TWD	0	TSH	0.25	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.17	118	2	TWD	0	TSH	0.28	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.31	TSH	TSH			164	HOT	+PT610RPC3C	Tubesheet Exam
		0.89	107	26	SAI		TSH	0.49	TSH	TEH			492	HOT	610XP	Tubesheet Exam
19	29	2.00	107	102	SAI		TSH	0.07	TSH	TEH			514	HOT	610XP	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.19	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.43	136	2	TWD	1	TSH	0.20	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.41	130	2	TWD	1	TSH	0.23	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.26	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
20	32	4.49	25	166	SAI		TEH	0.09	TSH	TEH			516	HOT	610XP	Tubesheet Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
20	33	4.88	21	186	SAI		TEH	0.17	TSH	TEH			506	HOT	610XP	Tubesheet Exam
21	33	5.83	26	150	SAI		TEH	0.12	TSH	TEH			504	HOT	610XP	Tubesheet Exam
21	63	2.72	74	158	SAI		TEH	0.07	TSH	TEH			424	HOT	610XP	Tubesheet Exam
21	65	5.29	18	106	SAI		TEH	0.18	TSH	TEH			424	HOT	610XP	Tubesheet Exam
23	74	4.74	31	150	MAI		TEH	0.15	TSH	TEH			412	HOT	610XP	Tubesheet Exam
24	44	0.00	0	2	TWD	0	TSH	0.05	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.11	113	2	TWD	1	TSH	0.09	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.09	98	2	TWD	19	TSH	0.11	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.18	119	2	TWD	1	TSH	0.14	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.18	132	2	TWD	1	TSH	0.17	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.20	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		1.84	93	186	SAI		TSH	0.12	TSH	TEH			498	HOT	610XP	Tubesheet Exam
24	72	1.46	95	170	SAI		TSH	0.33	TSH	TEH			536	HOT	610XP	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.13	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.43	114	2	TWD	1	TSH	0.15	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.54	117	2	TWD	1	TSH	0.18	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.41	118	2	TWD	1	TSH	0.21	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.24	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
25	31	2.95	45	162	SAI		TEH	0.08	TSH	TEH			528	HOT	610XP	Tubesheet Exam
25	38	1.49	88	162	SAI		TSH	0.24	TSH	TEH			498	HOT	610XP	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.05	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.24	126	2	TWD	1	TSH	0.06	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.33	121	2	TWD	1	TSH	0.09	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.31	125	2	TWD	1	TSH	0.12	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.44	122	2	TWD	1	TSH	0.13	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	1	TSH	0.15	TSH	TSH			166	HOT	+PT610RPC3C	Tubesheet Exam
26	64	0.80	69	142	MAI		TSH	0.57	TSH	TEH			418	HOT	610XP	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.00	TEH	TSH	#1		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.32	133	2	TWD	0	TSH	0.01	TEH	TSH	#2		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.23	112	2	TWD	1	TSH	0.03	TEH	TSH	#2		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.19	96	2	TWD	24	TSH	0.06	TEH	TSH	#2		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.11	100	2	TWD	13	TSH	0.09	TEH	TSH	#1		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.20	94	2	TWD	30	TSH	0.09	TEH	TSH	#2		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.07	129	2	TWD	2	TSH	0.11	TEH	TSH	#1		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.10	98	2	TWD	19	TSH	0.12	TEH	TSH	#2		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.14	TEH	TSH	#1		168	HOT	+PT610RPC3C	Tubesheet Exam
		0.00	0	2	TWD	0	TSH	0.14	TEH	TSH	#2		168	HOT	+PT610RPC3C	Tubesheet Exam
26	81	14.66	18	46	MCI		TEH	0.48	TSH	TEH			488	HOT	610XP	Tubesheet Exam
27	59	7.35	149	178	SAI		TEH	0.25	TSH	TEH			420	HOT	610XP	Tubesheet Exam
27	60	1.91	0	P4	TWD	20	AV2	0.12	TEC	TEH	WAR		220	HOT	XPMMR610	Bobbin Exam
30	21	2.00	48	174	SAI		TEH	0.17	TSH	TEH			518	HOT	610XP	Tubesheet Exam
30	104	1.04	0	P4	TWD	13	AV3	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
		0.98	0	P4	TWD	12	AV1	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
32	103	1.01	0	P4	TWD	13	AV4	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
		0.85	0	P4	TWD	11	AV3	-0.30	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
		1.17	0	P4	TWD	14	AV2	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
33	56	3.10	25	90	SAI		TEH	0.30	TSH	TEH			478	HOT	610XP	Tubesheet Exam
36	19	1.62	80	70	SAI		TEH	0.17	TSH	TEH			524	HOT	610XP	Tubesheet Exam
		1.62	83	70	SAI		TEH	0.17	TSH	TEH	IDOK		124	HOT	610XP	Tubesheet Exam
36	98	0.71	0	P4	TWD	10	AV4	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
36	99	0.93	0	P4	TWD	12	AV4	-0.09	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
37	98	1.23	0	P4	TWD	15	AV3	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
		0.38	78	26	VOL		AV3	0.00	09C	08H	WAR		56	HOT	610XP	UBend Special Inter
37	99	1.26	0	P4	TWD	15	AV4	0.00	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
38	75	0.79	0	P4	TWD	10	AV2	-0.09	TEC	TEH	WAR	OR	228	HOT	XPMMR610	Bobbin Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
39	59	0.79	0	P4	TWD	8	AV4	-0.09	TEC	TEH	WAR		208	HOT	XPMMR610	Bobbin Exam
44	91	1.38	0	P4	TWD	16	AV2	0.10	TEC	TEH	WAR		252	HOT	XPMMR610	Bobbin Exam
45	24	0.70	0	P4	TWD	8	AV4	0.00	TEC	TEH	WAR		318	HOT	XPMMR610	Bobbin Exam
		1.09	30	182	VOL		TSH	1.24	TSH	TEH			518	HOT	610XP	Tubesheet Exam
45	91	1.32	0	P4	TWD	16	AV4	0.00	TEC	TEH	WAR		252	HOT	XPMMR610	Bobbin Exam
47	27	1.66	0	P4	TWD	17	AV4	0.03	TEC	TEH	WAR	OR	318	HOT	XPMMR610	Bobbin Exam
		1.81	0	P4	TWD	18	AV3	0.00	TEC	TEH	WAR	OR	318	HOT	XPMMR610	Bobbin Exam
		0.79	0	P4	TWD	9	AV2	0.00	TEC	TEH	WAR	OR	318	HOT	XPMMR610	Bobbin Exam
47	88	0.85	0	P4	TWD	11	AV4	-0.24	TEC	TEH	WAR		252	HOT	XPMMR610	Bobbin Exam
		0.95	0	P4	TWD	12	AV2	0.19	TEC	TEH	WAR		252	HOT	XPMMR610	Bobbin Exam

MBM
DBMayes
1/23/2008

Total Tubes : 166
Total Records: 230

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
1	19	2.43	28	26	SAI		TEH	0.20	TSH	TEH			410	HOT	610XP	Tubesheet Exam
1	21	1.44	71	118	SAI		TEH	0.11	TSH	TEH			410	HOT	610XP	Tubesheet Exam
1	80	0.80	34	42	SAI		TEH	0.47	TSH	TEH			442	HOT	610XP	Tubesheet Exam
5	49	3.83	43	178	SAI		TEH	0.20	TSH	TEH			440	HOT	610XP	Tubesheet Exam
10	80	6.64	75	190	MAI		TEH	0.00	TSH	TEH			438	HOT	610XP	Tubesheet Exam
22	70	4.08	39	6	SAI		TEH	0.15	TSH	TEH			474	HOT	610XP	Tubesheet Exam
25	10	1.30	99	42	VOL		18C	0.26	18C	18C	WAR		6	HOT	610XP	H/L and C/L Special
		2.20	0	P4	TWD	20	18C	0.34	TEC	TEH	WAR		206	HOT	XPMMR610	Bobbin Exam
27	9	3.45	0	P4	TWD	26	AV2	-0.16	TEC	TEH	WAR		210	HOT	XPMMR610	Bobbin Exam
28	10	1.27	0	P4	TWD	14	AV2	-0.03	TEC	TEH	WAR		210	HOT	XPMMR610	Bobbin Exam
28	11	0.99	0	P4	TWD	11	AV2	-0.03	TEC	TEH	WAR	OR	210	HOT	XPMMR610	Bobbin Exam
28	105	1.41	0	P4	TWD	14	AV3	0.00	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
29	10	0.67	0	P4	TWD	8	AV3	0.08	TEC	TEH	WAR		210	HOT	XPMMR610	Bobbin Exam
		0.48	0	P4	TWD	6	AV2	0.16	TEC	TEH	WAR	OR	210	HOT	XPMMR610	Bobbin Exam
29	12	0.80	0	P4	TWD	9	AV3	-0.05	TEC	TEH	WAR		212	HOT	XPMMR610	Bobbin Exam
		0.95	0	P4	TWD	11	AV2	0.03	TEC	TEH	WAR		212	HOT	XPMMR610	Bobbin Exam
29	14	0.82	0	P4	TWD	9	AV3	0.06	TEC	TEH	WAR		610	HOT	XPMMR610	Bobbin Exam
30	15	2.29	0	P4	TWD	20	AV4	0.28	TEC	TEH	WAR		300	HOT	XPMMR610	Bobbin Exam
31	12	2.19	0	P4	TWD	21	AV3	-0.06	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
		0.88	64	190	VOL		AV3	0.00	09C	08H	WAR		494	HOT	610XP	UBend Special Inter
33	12	1.38	0	P4	TWD	15	AV2	0.00	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
		1.71	0	P4	TWD	19	AV1	0.08	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
33	14	1.17	0	P4	TWD	14	AV3	0.00	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
		2.14	0	P4	TWD	20	AV2	0.03	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
33	55	2.44	0	P4	TWD	22	AV3	0.00	TEC	TEH	WAR		278	HOT	XPMMR610	Bobbin Exam
33	100	1.05	0	P4	TWD	12	AV2	0.14	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
33	102	0.98	0	P4	TWD	10	AV2	0.24	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
36	25	0.65	0	P4	TWD	8	AV2	-0.03	TEC	TEH	WAR		292	HOT	XPMMR610	Bobbin Exam
36	37	0.58	0	P4	TWD	8	AV2	0.08	TEC	TEH	WAR		292	HOT	XPMMR610	Bobbin Exam
36	98	1.22	0	P4	TWD	14	AV2	0.17	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
38	17	1.18	0	P4	TWD	15	AV4	-0.11	TEC	TEH	WAR		290	HOT	XPMMR610	Bobbin Exam
		1.89	0	P4	TWD	19	AV2	-0.16	TEC	TEH	WAR		290	HOT	XPMMR610	Bobbin Exam
		0.84	0	P4	TWD	12	AV1	0.00	TEC	TEH	WAR		290	HOT	XPMMR610	Bobbin Exam
38	23	0.82	0	P4	TWD	10	AV4	0.00	TEC	TEH	WAR	OR	292	HOT	XPMMR610	Bobbin Exam
		0.96	0	P4	TWD	12	AV2	-0.10	TEC	TEH	WAR	OR	292	HOT	XPMMR610	Bobbin Exam
38	34	1.07	0	P4	TWD	13	AV2	0.00	TEC	TEH	WAR		292	HOT	XPMMR610	Bobbin Exam
38	97	1.70	0	P4	TWD	17	AV2	-0.06	TEC	TEH	WAR		256	HOT	XPMMR610	Bobbin Exam
38	99	4.32	0	P4	TWD	30	AV4	0.00	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
		2.30	0	P4	TWD	20	AV3	-0.12	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
39	17	0.79	0	P4	TWD	10	AV1	0.11	TEC	TEH	WAR		290	HOT	XPMMR610	Bobbin Exam
39	18	1.53	0	P4	TWD	17	AV2	0.29	TEC	TEH	WAR		290	HOT	XPMMR610	Bobbin Exam
39	27	1.05	0	P4	TWD	14	AV3	0.19	TEH	TEC	WAR		225	COLD	XPMMR610	Bobbin Exam
39	94	1.56	0	P4	TWD	16	AV3	0.15	TEC	TEH	WAR		264	HOT	XPMMR610	Bobbin Exam
39	97	0.31	38	178	VOL		AV1	0.06	09C	08H	WAR		54	HOT	610XP	UBend Special Inter
		1.37	0	P4	TWD	14	AV4	-0.18	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
		1.35	0	P4	TWD	14	AV3	0.03	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
		1.21	0	P4	TWD	13	AV2	0.00	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
		0.70	0	P4	TWD	7	AV1	0.00	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
40	20	1.87	0	P4	TWD	19	AV2	0.05	TEC	TEH	WAR		292	HOT	XPMMR610	Bobbin Exam
40	22	1.12	0	P4	TWD	13	AV2	-0.05	TEC	TEH	WAR	OR	288	HOT	XPMMR610	Bobbin Exam
40	27	1.11	0	P4	TWD	13	AV2	0.21	TEC	TEH	WAR	OR	288	HOT	XPMMR610	Bobbin Exam
41	20	0.78	0	P4	TWD	9	AV3	0.03	TEC	TEH	WAR		286	HOT	XPMMR610	Bobbin Exam
		0.83	0	P4	TWD	9	AV2	0.08	TEC	TEH	WAR		286	HOT	XPMMR610	Bobbin Exam
		1.20	0	P4	TWD	13	AV1	-0.05	TEC	TEH	WAR		286	HOT	XPMMR610	Bobbin Exam
43	93	0.49	0	P4	TWD	6	AV4	-0.27	TEC	TEH	WAR		662	HOT	XPMMR610	Bobbin Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
		0.74	0	P4	TWD	9	AV3	-0.20	TEC	TEH	WAR		662	HOT	XPMMR610	Bobbin Exam
		0.64	0	P4	TWD	8	AV2	-0.05	TEC	TEH	WAR		662	HOT	XPMMR610	Bobbin Exam
		0.35	53	170	VOL		AV2	0.00	09C	08H	WAR		62	HOT	610XP	UBend Special Inter
44	81	1.13	0	P4	TWD	12	AV4	0.00	TEC	TEH	WAR		268	HOT	XPMMR610	Bobbin Exam
		2.12	0	P4	TWD	19	AV3	-0.11	TEC	TEH	WAR		268	HOT	XPMMR610	Bobbin Exam
		4.04	0	P4	TWD	29	AV2	0.19	TEC	TEH	WAR		268	HOT	XPMMR610	Bobbin Exam
49	59	1.67	0	P40	TWD	23	13C	0.00	13C	13C	WAR		433	COLD	610XP	H/L and C/L Special
		0.34	133	122	VOL		13C	0.00	13C	13C	WAR		433	COLD	610XP	H/L and C/L Special
		1.58	148	150	VOL		13C	0.00	13C	13C	WAR		74	HOT	610XP	H/L and C/L Special
		1.78	104	182	VOL		13C	0.00	13C	13C	WAR		74	HOT	610XP	H/L and C/L Special
49	76	2.77	0	P4	TWD	21	AV1	-0.19	TEC	TEH	WAR	OR	270	HOT	XPMMR610	Bobbin Exam

Total Tubes : 42
Total Records: 66

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
1	45	25.33	29	114	SCI		TEC	0.30	TSC	TEC			413	COLD	610XP	Tubesheet Exam
1	46	63.21	36	82	SCI		TEC	0.19	TSC	TEC			413	COLD	610XP	Tubesheet Exam
1	66	20.69	24	98	SCI		TEC	0.22	TSC	TEC			413	COLD	610XP	Tubesheet Exam
		52.41	31	126	SCI		TEC	0.19	TSC	TEC			413	COLD	610XP	Tubesheet Exam
1	67	64.87	38	66	SCI		TEC	0.25	TSC	TEC			413	COLD	610XP	Tubesheet Exam
1	68	35.75	17	66	SCI		TEC	0.19	TSC	TEC			413	COLD	610XP	Tubesheet Exam
		24.36	24	94	SCI		TEC	0.19	TSC	TEC			413	COLD	610XP	Tubesheet Exam
1	69	53.67	41	30	SCI		TEC	0.25	TSC	TEC			413	COLD	610XP	Tubesheet Exam
1	84	2.88	52	38	SAI		TEH	0.45	TSH	TEH		OR	410	HOT	610XP	Tubesheet Exam
2	65	37.10	36	34	SCI		TEC	0.31	TSC	TEC			415	COLD	610XP	Tubesheet Exam
		55.77	29	46	SCI		TEC	0.28	TSC	TEC		OR	415	COLD	610XP	Tubesheet Exam
2	66	37.03	11	46	SCI		TEC	0.11	TSC	TEC			415	COLD	610XP	Tubesheet Exam
		37.51	33	34	SCI		TEC	0.08	TSC	TEC			415	COLD	610XP	Tubesheet Exam
2	67	18.95	1	98	SCI		TEC	0.08	TSC	TEC			415	COLD	610XP	Tubesheet Exam
		81.45	29	110	SCI		TEC	0.06	TSC	TEC			415	COLD	610XP	Tubesheet Exam
5	107	7.41	17	50	SCI		TEH	0.33	TSH	TEH			430	HOT	610XP	Tubesheet Exam
5	109	3.76	66	114	SCI		TEH	0.33	TSH	TEH			430	HOT	610XP	Tubesheet Exam
7	66	35.99	22	18	SCI		TEH	0.12	TSH	TEH			402	HOT	610XP	Tubesheet Exam
		34.54	36	30	SCI		TEH	0.47	TSH	TEH			546	HOT	610XP	Tubesheet Exam
8	58	17.78	22	82	SCI		TEH	0.22	TSH	TEH		OR	62	HOT	610XP	Tubesheet Exam
		17.92	22	82	SCI		TEH	0.22	TSH	TEH		OR	462	HOT	610XP	Tubesheet Exam
8	59	34.50	16	30	SCI		TEH	0.28	TSH	TEH			62	HOT	610XP	Tubesheet Exam
8	62	33.06	20	98	SCI		TEH	0.31	TSH	TEH			62	HOT	610XP	Tubesheet Exam
10	107	8.44	29	50	SCI		TEH	0.30	TSH	TEH			432	HOT	610XP	Tubesheet Exam
15	106	5.71	28	114	SCI		TEH	0.24	TSH	TEH			430	HOT	610XP	Tubesheet Exam
25	107	0.54	0	P4	TWD	10	AV3	-0.03	TEC	TEH	WAR	OR	230	HOT	XPMMR610	Bobbin Exam
		1.36	0	P4	TWD	19	AV2	0.34	TEC	TEH	WAR	OR	230	HOT	XPMMR610	Bobbin Exam
27	107	0.98	0	P4	TWD	15	AV2	0.18	TEC	TEH	WAR		246	HOT	XPMMR610	Bobbin Exam
		0.90	129	P6	VOL		AV2	-0.21	09C	07H	WAR		446	HOT	610XP	UBend Special Inter
28	10	0.65	0	P4	TWD	12	AV4	0.00	TEC	TEH	WAR		324	HOT	XPMMR610	Bobbin Exam
		0.44	0	P4	TWD	9	AV3	0.00	TEC	TEH	WAR		324	HOT	XPMMR610	Bobbin Exam
28	16	1.60	0	P4	TWD	22	13C	-0.55	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
28	71	1.28	0	P4	TWD	18	AV2	0.00	TEC	TEH	WAR		620	HOT	XPMMR610	Bobbin Exam
28	105	1.01	0	P4	TWD	15	AV2	0.16	TEC	TEH	WAR		246	HOT	XPMMR610	Bobbin Exam
29	104	0.58	0	P4	TWD	10	AV2	-0.11	TEC	TEH	WAR		250	HOT	XPMMR610	Bobbin Exam
30	102	1.73	0	P4	TWD	23	AV3	0.18	TEC	TEH	WAR		252	HOT	XPMMR610	Bobbin Exam
33	13	0.61	0	P4	TWD	11	AV4	0.05	TEC	TEH	WAR		320	HOT	XPMMR610	Bobbin Exam
		0.97	0	P4	TWD	16	AV3	0.14	TEC	TEH	WAR		320	HOT	XPMMR610	Bobbin Exam
		1.81	0	P4	TWD	24	AV2	-0.03	TEC	TEH	WAR		320	HOT	XPMMR610	Bobbin Exam
33	15	0.70	0	P4	TWD	13	AV4	0.11	TEC	TEH	WAR		322	HOT	XPMMR610	Bobbin Exam
		0.53	81	26	VOL		AV4	0.11	09C	08H	WAR		122	HOT	610XP	UBend Special Inter
33	79	0.72	0	P4	TWD	13	AV2	0.00	TEC	TEH	WAR		624	HOT	XPMMR610	Bobbin Exam
34	98	1.48	0	P4	TWD	21	AV2	0.00	TEC	TEH	WAR		652	HOT	XPMMR610	Bobbin Exam
34	99	0.99	0	P4	TWD	16	AV2	-0.08	TEC	TEH	WAR		252	HOT	XPMMR610	Bobbin Exam
34	100	0.85	0	P4	TWD	14	AV3	0.05	TEC	TEH	WAR	OR	250	HOT	XPMMR610	Bobbin Exam
35	14	1.12	0	P4	TWD	17	AV4	0.00	TEC	TEH	WAR		324	HOT	XPMMR610	Bobbin Exam
		3.97	0	P4	TWD	35	AV2	0.00	TEC	TEH	WAR		324	HOT	XPMMR610	Bobbin Exam
35	17	8.09	49	62	SCI		TEH	0.20	TSH	TEH			508	HOT	610XP	Tubesheet Exam
35	96	0.38	0	P4	TWD	6	AV2	0.00	TEC	TEH	WAR		646	HOT	XPMMR610	Bobbin Exam
36	16	0.61	0	P4	TWD	11	AV4	0.03	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
		0.72	0	P4	TWD	13	AV3	0.08	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
		3.30	0	P4	TWD	32	AV2	0.00	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
		0.60	0	P4	TWD	11	AV1	0.03	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
36	65	1.64	0	P4	TWD	20	AV3	0.17	TEC	TEH	WAR		254	HOT	XPMMR610	Bobbin Exam
36	93	1.14	0	P4	TWD	16	AV2	-0.05	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
36	94	0.77	0	P4	TWD	12	AV2	0.27	TEC	TEH	WAR		246	HOT	XPMMR610	Bobbin Exam
		0.54	0	P4	TWD	9	AV1	-0.38	TEC	TEH	WAR		246	HOT	XPMMR610	Bobbin Exam
36	96	0.50	0	P4	TWD	8	AV3	0.00	TEC	TEH	WAR		646	HOT	XPMMR610	Bobbin Exam
		0.99	0	P4	TWD	15	AV2	0.00	TEC	TEH	WAR		646	HOT	XPMMR610	Bobbin Exam
36	97	1.50	0	P4	TWD	16	AV2	0.00	TEC	TEH	WAR		650	HOT	XPMMR610	Bobbin Exam
36	98	0.88	0	P4	TWD	15	AV3	0.00	TEC	TEH	WAR		348	HOT	XPMMR610	Bobbin Exam
36	100	0.83	80	P20	VOL		AV3	-0.25	09C	08H	WAR		450	HOT	610XP	UBend Special Inter
		0.80	0	P4	TWD	13	AV3	-0.14	TEC	TEH	WAR		250	HOT	XPMMR610	Bobbin Exam
37	17	0.69	0	P4	TWD	12	AV4	0.06	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
		1.02	0	P4	TWD	16	AV2	-0.05	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
38	18	1.02	0	P4	TWD	16	AV4	0.14	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
		1.58	0	P4	TWD	22	AV2	-0.08	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
38	19	0.63	0	P4	TWD	12	AV2	-0.08	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
38	20	0.34	57	130	VOL		AV4	-0.11	09C	08H	WAR		108	HOT	610XP	UBend Special Inter
		0.66	0	P4	TWD	11	AV4	0.00	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
		0.91	0	P4	TWD	15	AV2	0.00	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
38	21	0.66	0	P4	TWD	11	AV2	0.18	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
38	22	4.01	139	110	MCI		TEH	0.28	TSH	TEH			506	HOT	610XP	Tubesheet Exam
38	26	0.79	0	P4	TWD	11	AV2	-0.03	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
38	64	1.24	0	P4	TWD	18	AV2	0.00	TEC	TEH	WAR		656	HOT	XPMMR610	Bobbin Exam
38	78	1.32	0	P4	TWD	21	AV3	-0.13	TEC	TEH	WAR		614	HOT	XPMMR610	Bobbin Exam
38	90	0.69	0	P4	TWD	11	AV2	0.00	TEC	TEH	WAR		640	HOT	XPMMR610	Bobbin Exam
38	93	0.75	0	P4	TWD	12	AV3	0.10	TEC	TEH	WAR		238	HOT	XPMMR610	Bobbin Exam
		1.68	0	P4	TWD	22	AV2	0.08	TEC	TEH	WAR		238	HOT	XPMMR610	Bobbin Exam
39	81	0.87	0	P4	TWD	13	AV2	0.19	TEC	TEH	WAR		218	HOT	XPMMR610	Bobbin Exam
39	96	0.89	0	P4	TWD	14	AV3	0.05	TEC	TEH	WAR		246	HOT	XPMMR610	Bobbin Exam
39	98	0.66	0	P4	TWD	12	AV1	0.11	TEC	TEH	WAR		250	HOT	XPMMR610	Bobbin Exam
40	93	0.86	0	P4	TWD	14	AV2	-0.14	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam
40	94	1.37	0	P4	TWD	19	AV3	0.00	TEC	TEH	WAR		248	HOT	XPMMR610	Bobbin Exam
		1.17	0	P4	TWD	17	AV2	0.00	TEC	TEH	WAR		248	HOT	XPMMR610	Bobbin Exam
40	97	0.72	0	P4	TWD	12	AV3	0.19	TEC	TEH	WAR		250	HOT	XPMMR610	Bobbin Exam
		0.59	0	P4	TWD	11	AV1	0.00	TEC	TEH	WAR		250	HOT	XPMMR610	Bobbin Exam
41	20	0.48	0	P4	TWD	9	AV4	0.06	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
41	55	1.61	68	10	SAI		TEH	0.25	TSH	TEH			466	HOT	610XP	Tubesheet Exam
41	59	3.30	11	126	SCI		TEH	0.77	TSH	TEH			458	HOT	610XP	Tubesheet Exam
		4.83	31	130	MAI		TEH	0.37	TSH	TEH			458	HOT	610XP	Tubesheet Exam
41	77	0.56	0	P4	TWD	10	AV3	-0.05	TEC	TEH	WAR		618	HOT	XPMMR610	Bobbin Exam
		1.35	0	P4	TWD	19	AV2	0.46	TEC	TEH	WAR		618	HOT	XPMMR610	Bobbin Exam
42	23	1.69	0	P4	TWD	23	AV2	-0.16	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
		0.72	0	P4	TWD	13	AV4	0.14	TEC	TEH	WAR		306	HOT	XPMMR610	Bobbin Exam
42	30	0.99	0	P4	TWD	16	AV2	0.00	TEC	TEH	WAR		296	HOT	XPMMR610	Bobbin Exam
42	32	0.99	0	P4	TWD	16	AV2	-0.05	TEC	TEH	WAR		296	HOT	XPMMR610	Bobbin Exam
42	85	0.59	0	P4	TWD	11	AV3	0.08	TEC	TEH	WAR	OR	218	HOT	XPMMR610	Bobbin Exam
		1.45	0	P4	TWD	19	AV2	0.44	TEC	TEH	WAR	OR	218	HOT	XPMMR610	Bobbin Exam
43	22	1.31	0	P4	TWD	19	AV4	0.30	TEC	TEH	WAR	OR	306	HOT	XPMMR610	Bobbin Exam
		2.24	0	P4	TWD	27	AV3	0.05	TEC	TEH	WAR	OR	306	HOT	XPMMR610	Bobbin Exam
		0.66	0	P4	TWD	12	AV2	-0.05	TEC	TEH	WAR	OR	306	HOT	XPMMR610	Bobbin Exam
43	29	0.74	0	P4	TWD	13	AV2	-0.08	TEC	TEH	WAR		294	HOT	XPMMR610	Bobbin Exam
43	78	3.45	0	P4	TWD	31	AV3	0.15	TEC	TEH	WAR		236	HOT	XPMMR610	Bobbin Exam
		2.06	0	P4	TWD	24	AV2	-0.05	TEC	TEH	WAR		236	HOT	XPMMR610	Bobbin Exam
		0.75	0	P4	TWD	12	AV1	-0.05	TEC	TEH	WAR		236	HOT	XPMMR610	Bobbin Exam
44	24	1.11	0	P4	TWD	15	AV3	0.21	TEC	TEH	WAR		302	HOT	XPMMR610	Bobbin Exam
44	46	1.51	0	P4	TWD	20	AV3	0.03	TEC	TEH	WAR		298	HOT	XPMMR610	Bobbin Exam
44	90	0.38	0	P4	TWD	7	AV1	0.00	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam
44	91	0.68	0	P4	TWD	11	AV4	-0.22	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam

Service Induced Degradation

QUERY: QueryM1[1]

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION		EXT	EXT	UTIL 1	UTIL 2	CAL #	LEG	PROBE	SCOPE
		0.78	0	P4	TWD	12	AV2	-0.03	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam
		0.73	61	54	VOL		AV2	0.00	09C	08H	WAR	OR	38	HOT	610XP	UBend Special Inter
45	52	1.21	0	P4	TWD	18	15C	-0.33	TEC	TEH	WAR		308	HOT	XPMMR610	Bobbin Exam
45	91	0.59	0	P4	TWD	10	AV4	-0.09	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam
		0.49	0	P4	TWD	8	AV2	0.22	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam
47	87	0.78	0	P4	TWD	13	AV4	-0.18	TEC	TEH	WAR	OR	342	HOT	XPMMR610	Bobbin Exam
48	78	3.10	0	P4	TWD	31	AV4	0.29	TEC	TEH	WAR		240	HOT	XPMMR610	Bobbin Exam
48	82	0.51	0	P4	TWD	9	AV1	0.11	TEC	TEH	WAR		240	HOT	XPMMR610	Bobbin Exam
49	37	0.38	0	P4	TWD	7	AV1	0.15	TEC	TEH	WAR		274	HOT	XPMMR610	Bobbin Exam
49	74	0.64	0	P4	TWD	11	AV4	-0.08	TEC	TEH	WAR		250	HOT	XPMMR610	Bobbin Exam
49	84	0.48	0	P4	TWD	8	AV1	-0.16	TEC	TEH	WAR	OR	238	HOT	XPMMR610	Bobbin Exam

Total Tubes : 83
Total Records: 121