



Duke Power Company
A Duke Energy Company
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-9340

DM Jamil
Site Vice-President

(704) 875-4100

December 30, 2002

U. S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

ATTENTION: Document Control Desk

Subject: McGuire Nuclear Station, Unit 1
Docket No. 50-369
Inservice Inspection Report
End of Cycle 15 Refueling Outage

Attached are two Inservice Inspection Reports for inspections conducted prior to the conclusion of the end of cycle 15 (EOC-15) refueling outage for McGuire Nuclear Station (MNS), Unit 1. The first report documents inspections performed with respect to the Second Ten Year Interval Plan, and the second report documents the Third Ten Year Interval Plan activities. This report is submitted pursuant to the filing requirements of Article IWA-6000 of Section XI of the ASME Code.

Section 4.0 of the Third Ten Year Interval report lists the limited examination item numbers and the applicable relief request. Limited examination relief request 02-004 is under development and will be submitted to the NRC in the second quarter of 2003 for review and approval in accordance with 10CFR50.55a(a)(3)(i). These Inservice Inspection Reports contain no regulatory commitment statements.

Any questions on this matter should be directed to Norman T. Simms, Regulatory Compliance, at (704) 875-4685.

Sincerely,

D. M. Jamil

Attachment

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U.S. Nuclear Regulatory Commission
December 30, 2002
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cc w/o att: Mr. L. A. Reyes
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
Sam Nunn Atlanta Federal Center, 23 T 85
61 Forsyth Street, S.W.
Atlanta, Georgia 30303-3415

Mr. R. E. Martin, Project Manager (Addressee only)
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
One White Flint North, Mail Stop O-8G9
11555 Rockville Pike
Rockville, MD 20852-2738

S. M. Shaeffer
Senior NRC Resident Inspector
McGuire Nuclear Station

bxc w/att: Master File: 1.3.8.1 - Routine Reports

bxc w/o att: Kay L. Crane
 C.J. Thomas
 G.J. Underwood (EC07J)
 D.E. Caldwell (MG01MM)
 R.D. Klein (MG01MM)
 R.K. Rhyne (EC07J)
 R. Branch (MG01MM)
 N.T. Simms
 ELL (EC050)

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St., Charlotte, NC 28201-1006
 (Name and Address of Owner)
2. Plant: McGuire Nuclear Station, Highway 73 Cowans Ford, N.C. 28216
 (Name and Address of Plant)
3. Plant Unit: 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: December 1, 1981 6. National Board Number for Unit 44
7. Components Inspected:

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

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this 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 APRIL 18, 2001 to OCTOBER 10, 2002
9. Inspection Period Identification: Third period of the Second Interval
10. Inspection Interval Identification: Second Inservice Inspection Interval
11. Applicable Edition of Section XI 1989 Addenda None
12. Date/Revision of Inspection Plan: September 7, 1999/Revision 3
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 Section 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 12/17 20 02 Signed Duke Energy Corp. By R. Kevin Rhyme
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 * HSB CT of Connecticut have inspected the components described in this Owners' Report during the period 4-18-01 to 12-18-02, 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

R. Kevin Rhyme Commissions NBT728, NC 853, N-I
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-18 20 02

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut
200 Ashford Center North
Suite 300
Atlanta, GA. 30338-4860
(800) 417-3721
www.hsbct.com

**OWNER'S REPORT
FOR
INSERVICE INSPECTIONS**

MCGUIRE UNIT 1

2002 REFUELING OUTAGE 8 / EOC 15

Plant Location: McGuire Nuclear Station
Highway. 73
Cowans Ford, North Carolina 28216

NRC Docket No. 50-369

National Board No. 44

Commercial Service Date: December 1, 1981

Document Completion Date: 12/18/2002

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

Revision 0

Prepared By:

Gary Underwood

Date

12/16/02

Reviewed By:

Rory Co Keith

Date

12-16-02

Approved By:

R. Kevin Rhyme

Date

12/16/02

DISTRIBUTION LIST

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c/o ANII. At McGuire
5. State of North Carolina
Department of Labor
c/o J. M. Givens, Jr.
6. Nuclear GO Regulatory &
Industrial Affairs
c/o L. E. Burba

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| 6. | Pressure Testing | 0 |

1.0 General Information

This report describes the Inservice Inspection of Duke Energy Corporation's McGuire Nuclear Station Unit 1 during Outage 8/EOC 15. This is the last outage of the Second Ten-Year Interval. PIP G-01-0168 was written to address weld coverage on two welds which are referenced in Sections 1-5 of this report. To address this PIP Duke Energy Corporation elected to utilize the code allowed grace period to re-examine these two welds to get additional coverage.

In addition Section 6.0 will address Pressure Testing performed to complete examinations for the second interval. For additional information concerning Pressure Testing please reference that section for more details.

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 action(s) 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 | CE67102 | NC-178379 | 20766 |
| Pressurizer | Westinghouse | 1471 | NC-178395 | 68-123 |
| Steam Generator 1A | BWI | 7701-04 | NC-302668 | 157 |
| Steam Generator 1B | BWI | 7693-01 | NC-302669 | 146 |
| Steam Generator 1C | BWI | 7701-03 | NC-302670 | 155 |
| Steam Generator 1D | BWI | 7701-02 | NC-302671 | 154 |
| Centrifugal Charging Pump | Pacific Pumps | 1A - 48582 1B - 48583 | N/A | 19 22 |

1.1 Identification Numbers

Continued

| Item | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|--|--|--|------------------------|--------------------|
| Containment Spray Heat Exchanger | Delta Southern Co. | 1A-35005-73-1 1B-35005-73-2 | NC-147799 NC-147796 | 3394 3395 |
| Excess Letdown Heat Exchanger | Westinghouse | 1809 | NC-187817 | 1554 |
| Letdown Heat Exchanger | Joseph Oat & Sons, Inc. | 2049-2A | NC-187881 | 552 |
| Reciprocating Charging Pump | Westinghouse | N721031B-603 | N/A | N/A |
| Reactor Coolant Pump | Westinghouse | 1A 1-114E841G01 1B 2-114E841G01 1C 3-114E841G01 1D 4-114E841G01 | N/A | N/A |
| Reciprocating Charging Pump Accumulator | Metal Bellows Company | 74730-001 | N/A | 001 |
| Reciprocating Charging Pump Suction Stabilizer | Richmond Engineering Supply Co. | N-2409.10 | N/A | 75219 |
| Residual Heat Removal Heat Exchanger | Joseph Oat & Sons, Inc. | 1A 2046-2A 1B 2046-2A | NC-234202 NC-234201 | 635 636 |
| Safety Injection Pump | Pacific Pumps | 1A 49355 1B 49356 | N/A | 80 81 |
| Regenerative Heat Exchanger | Joseph Oat & Sons, Inc. | 2047-2A | NC-187897 | 595 596 597 |
| Seal Water Heat Exchanger | Atlas Industrial Manufacturing Company | 1766 | NC 169797 | 1548 |
| Seal Water Injection Filter | AMF Cuno | 1A - 13 1B - 14 | N/A | 3822 3823 |

1.1 Identification Numbers**Continued**

| Item | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|---|---------------------------|--------------------------------------|-----------------------|--------------------|
| Main Steam Supply to Auxiliary Equipment System | Duke Power Co. | SA | N/A | 4 |
| Containment Air Release and Addition System | Duke Power Co. | VQ | N/A | 12 |
| Main Steam System | Duke Power Co. | SM | N/A | 17 |
| Main Steam Vent to Atmosphere System | Duke Power Co. | SV | N/A | 18 |
| Reactor Coolant System | Duke Power Co. | NC | N/A | 28 |
| Liquid Waste Recycle System | Duke Power Co. | WL | N/A | 29 |
| Refueling Water System | Duke Power Co. | FW | N/A | 31 |
| Auxiliary Feedwater System | Duke Power Co. | CA | N/A | 32 |
| Residual Heat Removal System | Duke Power Co. | ND | N/A | 35 |
| Nuclear Service Water System | Duke Power Co. | RN | N/A | 36 |
| Chemical & Volume Control System | Duke Power Co. | NV | N/A | 37 |
| Component Cooling System | Duke Power Co. | KC | N/A | 38 |
| Main Feedwater System | Duke Power Co. | CF | N/A | 39 |
| Containment Spray System | Duke Power Co. | NS | N/A | 40 |

1.1 Identification Numbers

Continued

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

1.2 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections during the time frame bracketed by the examination dates shown on the NIS-1 Form were certified in accordance with the requirements of the 1989 Edition of ASME Section XI with no addenda including Appendix VII for ultrasonic inspections. In addition, ultrasonic examiners were qualified in accordance with ASME Section XI, Appendix VIII, and 1995 Edition with the 1996 Addenda through the Performance Demonstration Initiative (PDI) for similar metal piping welds.

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 McGuire Nuclear Station or copies may be obtained by contacting the Duke Energy's 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:

1. PIP G-01-0168 (PIP on incomplete welds, Item Numbers B09.011.074 and B09.011.075)
2. Request for Relief 97-005 (Class 1, 2 and 3 snubber examinations under station technical specification)

1.4 Responsible Inspection Agency

The Hartford Steam Boiler Inspection and Insurance Company of Connecticut is responsible for the third party inspections required by ASME Section XI.

Authorized Nuclear Inservices Inspector(s)

| | |
|-------------------|--|
| Name: | R. D. Klein |
| Employer: | The Hartford Steam Boiler Inspection & Insurance Company of Connecticut |
| Business Address: | 200 Ashford Center North Suite 300 Atlanta, GA 30338-4860 (800) 417-3721 www.hsbct.com |

2.0 Second Ten-Year Interval Inspection Status

The completion status of inspections required by the 1989 ASME Code Section XI, no Addenda is summarized in this section. The requirements are listed by the ASME Section XI Examination Category as defined in Table IWB-2500-1 for Class 1 Inspections, Table IWC-2500-1 for Class 2 Inspections, and IWF-2500-1 (Code Case N-491-1 applies) for Class 1, 2, and 3 Component Supports. Augmented inspections are also included.

Class 1 Inspections

| <i>Examination Category</i> | <i>Description</i> | <i>Inspections Required</i> | <i>Inspections Completed</i> | <i>Percentage Completed</i> | <i>⁶Deferral Allowed</i> |
|------------------------------------|---|--------------------------------------|-------------------------------------|------------------------------------|--|
| B-A | Pressure Retaining Welds in Reactor Vessel | 28 | 28 | 100% | Yes |
| B-B | Pressure Retaining Welds in Vessels Other than Reactor Vessel | 5 | 5 | 100% | No |
| B-D | Full Penetration Welds of Nozzles in Vessels Inspection Program B | 36 | 36 | 100% | Partial |
| B-E | Pressure Retaining Partial Penetration Welds in Vessels | REFERENCE SECTION 6.0 OF THIS REPORT | | | |
| B-F | Pressure Retaining Dissimilar Metal Welds | 38 | 38 | 100% | No |
| B-G-1 | Pressure Retaining Bolting Greater than 2 " in Diameter | 242 | 242 | 100% | No |
| B-G-2 | Pressure Retaining Bolting 2" and Less in Diameter | 31 | 31 | 100% | No |

Class 1 Inspections (Continued)

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | ⁶Deferral Allowed |
|-----------------------------|---|-----------------------------|------------------------------|-----------------------------|-------------------------------------|
| B-H | Integral Attachments for Vessels | 13 | 13 | 100% | No |
| B-J | Pressure Retaining Welds in Piping | 212 | 212 | **100% | No |
| B-K-1 | Integral Attachments for Piping, Pumps and Valves | N/A | N/A | N/A | No |
| B-L-1 | Pressure Retaining Welds in Pump Casings | N/A | N/A | N/A | Yes |
| B-L-2 | Pump Casings | 1 | 1 | 100% | Yes |
| B-M-1 | Pressure Retaining Welds in Valve Bodies | N/A | N/A | N/A | Yes |
| B-M-2 | Valve Body > 4 in. Nominal Pipe Size | 7 | 4 | *57.14% | Yes |
| B-N-1 | Interior of Reactor Vessel | 3 | 3 | 100% | No |
| B-N-2 | Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels | 2 | 2 | 100% | Yes |
| B-N-3 | Removable Core Support Structures | 1 | 1 | 100% | Yes |
| B-O | Pressure Retaining Welds in Control Rod Housings | 3 | 3 | 100% | Yes |

*Note no additional valve groups were disassembled during this interval.

**Reference PIP G-01-0168

Class 1 Inspections (Continued)

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | ⁶Deferral Allowed |
|-----------------------------|---|--------------------------------------|------------------------------|-----------------------------|-------------------------------------|
| B-P | All Pressure Retaining Components | REFERENCE SECTION 6.0 OF THIS REPORT | | | |
| B-Q | Steam Generator Tubing | See Note Below | | | |
| F-A F01.010 | Class 1 Component Supports (Code Case N-491) | 67 | 67 | 100% | No |

Note: Steam Generator Tubing is examined and documented by the Steam Generator Maintenance Group of the Nuclear Services Division as required by the Station Technical Specifications and is not included in this report.

⁶ Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB and IWC 2500-1

Class 2 Inspections

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | ⁶Deferral Allowed |
|-----------------------------|---|--------------------------------------|------------------------------|-----------------------------|-------------------------------------|
| C-A | Pressure Retaining Welds in Pressure Vessels | 23 | 23 | 100% | No |
| C-B | Pressure Retaining Nozzle Welds in Vessels | 20 | 20 | *100% | No |
| C-C | Integral Attachments for Vessels, Piping, Pumps and Valves | 9 | 9 | 100% | No |
| C-D | Pressure Retaining Bolting Greater Than 2" in Diameter | N/A | N/A | N/A | N/A |
| C-F-1 | Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping | 230 | 230 | 100% | No |
| C-F-2 | Pressure Retaining Welds in Carbon or Low Alloy Steel Piping | 48 | 48 | 100% | No |
| C-G | Pressure Retaining Welds in Pumps and Valves | 6 | 6 | 100% | No |
| C-H | All Pressure Retaining Components | REFERENCE SECTION 6.0 OF THIS REPORT | | | |
| F-A F01.020 | Class 2 Component Supports (Code Case N-491) | 189 | 189 | 100% | No |

* Reference Section 6.0 of this report for further details.

Additional Component Support Examinations Class 1, 2 & 3

| <i>Examination Category</i> | <i>Description</i> | <i>Inspections Required</i> | <i>Inspections Completed</i> | <i>Percentage Completed</i> | <i>⁶Deferral Allowed</i> |
|------------------------------------|---|------------------------------------|-------------------------------------|------------------------------------|--|
| F-A F01.040 | Supports other than Piping Supports Class 1, 2 & 3 | 39 | 39 | 100% | No |
| F01.050 | Component Supports, Snubbers Class 1, 2 & 3 | | | * | No |

⁶Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB-2500-1 and IWC-2500-1.

* Examinations to be performed per Request for Relief 97-005

Augmented Inspections

| <i>Description</i> | <i>Percentage Complete</i> |
|---|-----------------------------------|
| Reactor Coolant Pump Flywheels (Item No. Series G01.) | N/A Outage 8 / EOC 15 |
| Pipe Rupture Protection (Item No. Series G03.) | N/A Outage 8 / EOC 15 |

3.0 Final Inservice Inspection Plan

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

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

| | | |
|-----------------|---|--|
| ITEM NUMBER | = | ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), IWF-2500-1 (Class 1 and Class 2), Augmented Requirements |
| ID NUMBER | = | Unique Identification Number |
| 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 |

CATEGORY B-J, Pressure Retaining Welds In Piping

NPS 4 or Larger

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

McGuire 1

Inservice Inspection Plan for Interval 2 Outage 8

Plan Report

Page 1

12/11/2002

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIATHK | CAL BLOCKS | COMMENTS |
|--|-----------------|----------|-------------------|---------|---------------------------------|---------|--------|------------|---|
| **** Circumferential Welds **** | | | | | | | | | |
| B09.011.074 | 1NC1F-3-2 | | MCM 1201.01-119/7 | NDE-610 | UT | SS | 31.000 | 50214 | UT FROM ELBOW SIDE NDE-610, UT FROM |
| | Circumferential | NC | MC 1676-4 | NDE-600 | | | 2.500 | | SAFE END NDE-600 |
| Class A | | | MC 1676-01.07 | | S/G 1C Inlet Safe-end to Elbow | | | | TO BE DONE WITH B05.070.005 THIS WELD WAS LISTED AS A B05.130.010 PRIOR TO SGR REF. 1MNS-078 This examination is required to meet the requirements of PIP G-01-00168. Inspect in year 2002. |
| B09.011.075 | 1NC1F-3-3 | | MCM 1201.01-119/8 | NDE-610 | UT | SS | 31.000 | 50214 | UT FROM ELBOW SIDE NDE-610, UT FROM |
| | Circumferential | NC | MC 1676-4 | NDE-600 | | | 2.500 | | SAFE END NDE-600 |
| Class A | | | MC 1676-01.07 | | S/G 1C Outlet Safe-end to Elbow | | | | TO BE DONE WITH B05.070.006 THIS WELD WAS LISTED AS A B05.130.011 PRIOR TO SGR REF. 1MNS-078 This examination is required to meet the requirements of PIP G-01-00168. Inspect in year 2002. |
| Total B09.011 Items: | | 2 | | | | | | | |
| Total B09 Items: | | 2 | | | | | | | |

4.0 Results Of Inspections Performed

The results of each examination shown in the final Inservice Inspection Plan (Section 3 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 Subsection 4.1 and 4.2. Corrective measures performed and limited examinations are described in further detail in Subsections 4.3 and 4.4.

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

| | | |
|--|---|---|
| ITEM NUMBER | = | ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), IWF-2500-1 (Class 1 and Class 2), Augmented Requirements |
| ID NUMBER | = | Unique Identification Number |
| SYS | = | Component System Identification |
| INSP DATE | = | Date of Examination |
| INSP STATUS | = | CLR Clear REC Recordable REP Reportable |
| INSP LIMITED | = | Indicates inspection was limited. Coverage obtained is listed |
| Geo. Ref. (Geometric Reflector applies only to UT) | = | <u>Y</u> Yes <u>N</u> No |
| RFR (Relief Request) | = | <u>Y</u> Yes <u>N</u> No |
| COMMENTS | = | General and / or Detail Description |

DUKE ENERGY CORPORATION
QUALITY ASSURANCE TECHNICAL SERVICES
In-Service Inspection Database Management System
McGuire 1 Inservice Inspection Listing
Interval 2 Outage 8

Run D
Page 1
12/11/2002

EOC 15
Plant: McGuire 1

| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|-------------|-----------|--------|------------|-------------|--------------|---------|-----|----------|
| B09.011.074 | 1NC1F-3-2 | NC | 09/21/2002 | REC | --- | Y | N | |
| B09.011.075 | 1NC1F-3-3 | NC | 09/21/2002 | REC | --- | Y | N | |

4.1 Reportable Indications

There were no reportable indications for the examinations associated with this report period.

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. There were no corrective actions for the examinations associated with this report period. PIP G-01-0168 was written at the end of 1EOC-14 to re-examine two welds to obtain additional coverage.

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.

Item Number

NONE

Request for Relief Serial Number

NONE

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.

No items were determined to have had work performed outside this report period. Reference Unit 1 EOC-15 Third Interval Owner's Report (Section 5.0) for additional information concerning NIS-2's originated during this time frame.

The NIS-2 forms included in this section were completed for work performed during this report period. NONE

The individual work request documents and manufacturers' data reports are on file at McGuire Nuclear Station. NONE

5.1 Class 1 and 2 Preservice Examinations

As required by the applicable code, Preservice Inspection (PSI) Examinations were performed on ISI Class 1 and 2 items during this report period. All Class 1 and 2 PSI examination data listed below is on file in the McGuire Nuclear Station QA Vault.

| Work Order Number | Identification Number | ISI Class | Type of Inspection |
|--------------------------|------------------------------|------------------|---------------------------|
| NONE | N/A | N/A | N/A |

6.0 Pressure Testing

This summary is a pressure test completion status for the third period of the second ten-year interval. Table 6-1 shows the second ten-year pressure tests completed from refueling outage EOC-14 through refueling outage EOC-15. There were no relevant conditions observed during these pressure tests.

| Table 6-1 | | |
|-----------------------------|---|------------------------|
| Examination Category | Test Requirement | Total Completed |
| B-E | System Hydrostatic Test (IWB-5222) | 0 |
| | | |
| B-P | System Leakage Test (IWB-5221) | 0 |
| B-P | System Hydrostatic Test (IWB-5222) | 0 |
| | | |
| C-H | System Inservice/Functional Test (IWC-5221) | 0 |
| C-H | System Hydrostatic Test (IWC-5222) | 26 |

Table 6-2 shows a completion status of pressure tests conducted during the third period of the second ten-year interval.

| Table 6-2 | | | | |
|-----------------------------|---|--|--|--|
| Examination Category | Test Requirement | Total Examinations Required For This Period | Total Examinations Credited For This Period | (%) Examinations Complete For This Period |
| B-E | System Hydrostatic Test (IWB-5222) | 3 | 3 | 100% |
| B-P | System Leakage Test (IWB-5221) | 0 | 0 | 0% |
| B-P | System Hydrostatic Test (IWB-5222) | 1 | 1 | 100% |
| C-H | System Inservice/Functional Test (IWC-5221) | 0 | 0 | 0% |
| C-H | System Hydrostatic Test (IWC-5222) | 46 | 46 | 100% |

A detailed status listing of the 26 hydrostatic tests listed as pending for the third period in the previous summary report is located in subsection 6.1 of this report. Results of these hydrostatic tests are located in subsection 6.2 of this report.

Table 6-3 shows the pressure tests conducted during the grace period used at the end of the second ten-year interval.

| Table 6-3 | | |
|--------------------|--------------------|---------------------|
| Item Number | ISI Drawing | Type of Test |
| C07.040.018 | MCH-1561-1.0 | Hydrostatic |
| C07.040.021 | MCH-1562-2.1 | Hydrostatic |
| C07.040.022 | MCH-1562-3.0 | Hydrostatic |
| C07.040.036 | MCH-1573-3.1 | Hydrostatic |

6.1 Required Second Ten-Year Pressure Test Examinations Needed To Complete The Third Period:

A listing of the pending Class 2 hydrostatic test required to complete the third period of the second ten-year interval is included in this section.

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

| | | |
|---------------------|---|--|
| Item Number | = | The unique number assigned to track certain systems or portions of systems that make up a pressure test. |
| ISI Drawing | = | Detail drawing of pressure test boundary. |
| Required Test | = | The required tests for each item number – (e.g. Leakage Test, Inservice Test, Functional Test, or Hydrostatic Test). |
| System Name | = | Name of pressure retaining component system |
| Required Inspection | = | Type of visual examination required. |
| Required Procedure | = | Required inspection procedure. |
| Comments | = | General and/or Detail Description |

**Duke Power Company - McGuire Unit 1
Pressure Testing Item Number Listing**

Outage 15

| Item Number | ISI Drawing | Required Test | System Name | Required Inspection | Required Procedure | Comments |
|--------------------|------------------------|--------------------------|--------------------|--------------------------------|-------------------------------|--|
| C07.040.003 | MCH-1553-2.1 | HYDRO | NC SYSTEM | VT-2 | QAL-15 | Class B penetrations M-212, M-216 and M-274 |
| C07.040.005 | MCH-1554-1.0 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | Class B penetrations M-339 and M-350 |
| C07.040.006 | MCH-1554-1.1 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | Class B penetrations M-256, M-343 and M-344 |
| C07.040.007 | MCH-1554-1.2 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | Class B penetrations M-228, M-329 and M-347 |
| C07.040.009 | MCH-1554-2.0 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | |
| C07.040.010 | MCH-1554-3.0 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | |
| C07.040.011 | MCH-1554-3.1 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | |
| C07.040.013 | MCH-1554-5.0 | HYDRO | NV SYSTEM | VT-2 | QAL-15 | |
| C07.040.018 | MCH-1561-1.0 | HYDRO | ND SYSTEM | VT-2 | QAL-15 | VT-2 Examination of C02.033.001 and C02.033.002 Telltale Hole also required |
| C07.040.019 | MCH-1562-1.0 | HYDRO | NI SYSTEM | VT-2 | QAL-15 | Class B penetration M-351 |
| C07.040.021 | MCH-1562-2.1 | HYDRO | NI SYSTEM | VT-2 | QAL-15 | Class B penetration M-321 |
| C07.040.022 | MCH-1562-3.0 | HYDRO | NI SYSTEM | VT-2 | QAL-15 | Class B penetration M-277, M-316 and M-319 |
| C07.040.023 | MCH-1562-3.1 | HYDRO | NI SYSTEM | VT-2 | QAL-15 | Class B penetration M-278, M-302, M-306, M-336 and M-352 |
| C07.040.024 | MCH-1563-1.0 | HYDRO | NS SYSTEM | VT-2 | QAL-15 | VT-2 Examination of C02.033.005 and C02.033.006 Telltale Hole also required |
| C07.040.030 | MCH-1571-1.0 | HYDRO | FW SYSTEM | VT-2 | QAL-15 | Class B penetrations M-358 and M-377 |
| C07.040.031 | MCH-1572-1.0 | HYDRO | NM SYSTEM | VT-2 | QAL-15 | Class B penetrations M-235 and M-309 |
| C07.040.036 | MCH-1573-3.1 | HYDRO | KC SYSTEM | VT-2 | QAL-15 | Class B penetrations M-217, M-218, M-320, M-327, M-355 and M-376 |

**Duke Power Company - McGuire Unit 1
Pressure Testing Item Number Listing**

Outage 15

| <u>Item Number</u> | <u>ISI Drawing</u> | <u>Required Test</u> | <u>System Name</u> | <u>Required Inspection</u> | <u>Required Procedure</u> | <u>Comments</u> |
|--------------------|------------------------|--------------------------|--------------------|--------------------------------|-------------------------------|---|
| C07.040.039 | MCH-1584-1.0 | HYDRO | CA SYSTEM | VT-2 | QAL-15 | |
| C07.040.040 | MCH-1591-1.1 | HYDRO | CF SYSTEM | VT-2 | QAL-15 | Class B penetrations M-153, M-262, M-308 and M-440 |
| C07.040.041 | MCH-1592-1.0 | HYDRO | CA SYSTEM | VT-2 | QAL-15 | Class B penetrations M-156, M-286, M-465 and M-3100 |
| C07.040.042 | MCH-1574-4.0 | HYDRO | RN SYSTEM | VT-2 | QAL-15 | Class B penetration M-307 and M-315 |
| C07.040.043 | MCH-1593-1.0 | HYDRO | SM/SV SYSTEM | VT-2 | QAL-15 | Class B penetrations M-154 and M-261 |
| C07.040.044 | MCH-1593-1.2 | HYDRO | SA/TE SYSTEM | VT-2 | QAL-15 | |
| C07.040.045 | MCH-1593-1.3 | HYDRO | SM/SV SYSTEM | VT-2 | QAL-15 | Class B penetrations M-393 and M-441 |
| C07.040.048 | MCH-1604-3.0 | HYDRO | RV SYSTEM | VT-2 | QAL-15 | Class B penetrations M-240, M-279, M-385 and M-390 |
| C07.040.054 | MCH-1617-1.0 | HYDRO | CA SYSTEM | VT-2 | QAL-15 | |

6.2 Examination Results For Second Ten-Year Pressure Test Examinations Needed To Complete The Third Period:

The results of each Class 2 pressure test and associated VT-2 Visual Examination conducted to complete the third period of the second ten-year interval are included in this section.

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

| | | |
|---------------|---|---|
| Item Number | = | The unique number assigned to track certain extremity valves that make up a test |
| ISI Drawing | = | Detail drawing of pressure test boundary |
| Required Test | = | The required tests for each item number – (e.g. Leakage Test, Inservice Test, Functional Test, or Hydrostatic Test). |
| Test Status | = | Complete or Partial |
| Test Result | = | Clear (No Evidence Of Leakage), Reportable (Evidence Of Leakage - Not Through Wall such as packing leak), Reportable (Evidence Of Through Wall Leakage) |
| VT-2 Date | = | Date VT-2 visual examination was performed |

Duke Power Company - McGuire Unit 1
Pressure Testing VT-2 Results For Outage 15

| Item Number | ISI Drawing | Required Test | Test Status | Test Result | VT-2 Date | Comments |
|--------------------|--------------------|----------------------|--------------------|--------------------|------------------|---|
| C07.040.003 | MCH-1553-2.1 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetrations M-212, M-216 and M-274 |
| C07.040.005 | MCH-1554-1.0 | HYDRO | COMPLETE | CLEAR | 11/15/2001 | Class B penetrations M-339 and M-350 |
| C07.040.006 | MCH-1554-1.1 | HYDRO | COMPLETE | CLEAR | 11/15/2001 | Class B penetrations M-256, M-343 and M-344 |
| C07.040.007 | MCH-1554-1.2 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetrations M-228, M-329 and M-347 |
| C07.040.009 | MCH-1554-2.0 | HYDRO | COMPLETE | CLEAR | 11/15/2001 | |
| C07.040.010 | MCH-1554-3.0 | HYDRO | COMPLETE | CLEAR | 11/20/2001 | |
| C07.040.011 | MCH-1554-3.1 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | |
| C07.040.013 | MCH-1554-5.0 | HYDRO | COMPLETE | RECORDABLE | 11/15/2001 | |
| C07.040.018 | MCH-1561-1.0 | HYDRO | COMPLETE | CLEAR | 09/17/2002 | VT-2 Examination of C02.033.001 and C02.033.002 Telltale Hole also required |
| C07.040.019 | MCH-1562-1.0 | HYDRO | COMPLETE | CLEAR | 11/15/2001 | Class B penetration M-351 |
| C07.040.021 | MCH-1562-2.1 | HYDRO | COMPLETE | CLEAR | 09/30/2002 | Class B penetration M-321 |
| C07.040.022 | MCH-1562-3.0 | HYDRO | COMPLETE | CLEAR | 09/30/2002 | Class B penetration M-277, M-316 and M-319 |
| C07.040.023 | MCH-1562-3.1 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetration M-278, M-302, M-306, M-336 and M-352 |
| C07.040.024 | MCH-1563-1.0 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | VT-2 Examination of C02.033.005 and C02.033.006 Telltale Hole also required |
| C07.040.030 | MCH-1571-1.0 | HYDRO | COMPLETE | CLEAR | 11/21/2001 | Class B penetrations M-358 and M-377 |
| C07.040.031 | MCH-1572-1.0 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetrations M-235 and M-309 |
| C07.040.036 | MCH-1573-3.1 | HYDRO | COMPLETE | CLEAR | 10/03/2002 | Class B penetrations M-217, M-218, M-320, M-327, M-355 and M-376 |

Duke Power Company - McGuire Unit 1
Pressure Testing VT-2 Results For Outage 15

| <u>Item Number</u> | <u>ISI Drawing</u> | <u>Required Test</u> | <u>Test Status</u> | <u>Test Result</u> | <u>VT-2 Date</u> | <u>Comments</u> |
|--------------------|------------------------|--------------------------|--------------------|--------------------|------------------|---|
| C07.040.039 | MCH-1584-1.0 | HYDRO | COMPLETE | CLEAR | 11/28/2001 | |
| C07.040.040 | MCH-1591-1.1 | HYDRO | COMPLETE | CLEAR | 11/28/2001 | Class B penetrations M-153, M-262, M-308 and M-440 |
| C07.040.041 | MCH-1592-1.0 | HYDRO | COMPLETE | CLEAR | 11/28/2001 | Class B penetrations M-156, M-286, M-465 and M-3100 |
| C07.040.042 | MCH-1574-4.0 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetration M-307 and M-315 |
| C07.040.043 | MCH-1593-1.0 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetrations M-154 and M-261 |
| C07.040.044 | MCH-1593-1.2 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | |
| C07.040.045 | MCH-1593-1.3 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetrations M-393 and M-441 |
| C07.040.048 | MCH-1604-3.0 | HYDRO | COMPLETE | CLEAR | 11/29/2001 | Class B penetrations M-240, M-279, M-385 and M-390 |
| C07.040.054 | MCH-1617-1.0 | HYDRO | COMPLETE | CLEAR | 11/28/2001 | |

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

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St., Charlotte, NC 28201-1006
(Name and Address of Owner)
2. Plant: McGuire Nuclear Station, Highway 73 Cowans Ford, N.C. 28216
(Name and Address of Plant)
3. Plant Unit: 1 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date: December 1, 1981 6. National Board Number for Unit 44
7. Components Inspected:

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

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8¹/₂ in. x 11 in., (2) information in items 1 through 6 on this 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)

3. Examination Dates April 18, 2001 to October 10, 2002
9. Inspection Period Identification: First period
10. Inspection Interval Identification: Third Interval
11. Applicable Edition of Section XI 1995 Addenda 1996
12. Date/Revision of Inspection Plan: May 22, 2001 / 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 Section 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 12/17 20 02 Signed Duke Energy Corp. By R. Kevin Rhynes
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 * HSB CT. of Connecticut have inspected the components described in this Owners' Report during the period 4-18-01 to 12-18-02, 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

R. Klein Commissions NB7728, NC853, N-I
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-18 20 02

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut
200 Ashford Center North
Suite 300
Atlanta, GA. 30338-4860
(800) 417-3721
www.hsbct.com

**OWNER'S REPORT
FOR
INSERVICE INSPECTIONS**

MCGUIRE UNIT 1

2002 REFUELING OUTAGE 1/EOC 15

Location: McGuire Nuclear Station
Highway 73
Cowans Ford, North Carolina 28216

NRC Docket No. 50-369

National Board No. 44

Commercial Service Date: December 1, 1981

Document Completion Date: 12/18/2002

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

Revision 0

Prepared By: Gary Underwood Date 12/16/02

Reviewed By: Harry Co Keith Date 12-17-02

Approved By: R. Kevin Rhyme Date 12/17/02

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(AIA)
c/o ANII. At McGuire
5. State of North Carolina
Department of Labor
c/o J. M. Givens, Jr.
6. Nuclear GO Regulatory &
Industrial Affairs
c/o L. E. Burba

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| 3. | Final Inservice Inspection Plan | 0 |
| 4. | Results of Inspections Performed | 0 |
| 5. | Owner's Report for Repair / Replacement Activities | 0 |
| 6. | Pressure Testing | 0 |

1.0 General Information

This report describes the Inservice Inspection of Duke Energy Corporation's McGuire Nuclear Station Unit 1 during Outage 1 / EOC 15. This is the first outage of the First Inspection Period of the Third Ten-Year Interval. ASME Section XI, 1995 Edition through the 1996 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 action(s) taken when reportable conditions were found. In addition, there is an Owner's Report for Repair / Replacement section included for complete 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 | CE67102 | NC-178379 | 20766 |
| Pressurizer | Westinghouse | 1471 | NC-178395 | 68-123 |
| Steam Generator 1A | BWI | 7701-04 | NC-302668 | 157 |
| Steam Generator 1B | BWI | 7693-01 | NC-302669 | 146 |
| Steam Generator 1C | BWI | 7701-03 | NC-302670 | 155 |
| Steam Generator 1D | BWI | 7701-02 | NC-302671 | 154 |
| Centrifugal Charging Pump | Pacific Pumps | 1A - 48582 1B - 48583 | N/A | 19 22 |
| Containment Spray Heat Exchanger | Delta Southern Co. | 1A-35005-73-1 1B-35005-73-2 | NC-147799 NC-147796 | 3394 3395 |

1.1 Identification Numbers**Continued**

| Item | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|--|--|--|------------------------|--------------------|
| Excess Letdown Heat Exchanger | Westinghouse | 1809 | NC-187817 | 1554 |
| Letdown Heat Exchanger | Joseph Oat & Sons, Inc. | 2049-2A | NC-187881 | 552 |
| Reciprocating Charging Pump | Westinghouse | N721031B-603 | N/A | N/A |
| Reactor Coolant Pump | Westinghouse | 1A 1-114E841G01 1B 2-114E841G01 1C 3-114E841G01 1D 4-114E841G01 | N/A | N/A |
| Reciprocating Charging Pump Accumulator | Metal Bellows Company | 74730-001 | N/A | 001 |
| Reciprocating Charging Pump Suction Stabilizer | Richmond Engineering Supply Co. | N-2409.10 | N/A | 75219 |
| Residual Heat Removal Heat Exchanger | Joseph Oat & Sons, Inc. | 1A 2046-2A 1B 2046-2A | NC-234202 NC-234201 | 635 636 |
| Safety Injection Pump | Pacific Pumps | 1A 49355 1B 49356 | N/A | 80 81 |
| Regenerative Heat Exchanger | Joseph Oat & Sons, Inc. | 2047-2A | NC-187897 | 595 596 597 |
| Seal Water Heat Exchanger | Atlas Industrial Manufacturing Company | 1766 | NC 169797 | 1548 |
| Seal Water Injection Filter | AMF Cuno | 1A - 13 1B - 14 | N/A | 3822 3823 |

1.1 Identification Numbers**Continued**

| Item | Manufacturer or Installer | Manufacturer or Installer Serial No. | State or Province No. | National Board No. |
|---|---------------------------|--------------------------------------|-----------------------|--------------------|
| Main Steam Supply to Auxiliary Equipment System | Duke Power Co. | SA | N/A | 4 |
| Containment Air Release and Addition System | Duke Power Co. | VQ | N/A | 12 |
| Main Steam System | Duke Power Co. | SM | N/A | 17 |
| Main Steam Vent to Atmosphere System | Duke Power Co. | SV | N/A | 18 |
| Reactor Coolant System | Duke Power Co. | NC | N/A | 28 |
| Liquid Waste Recycle System | Duke Power Co. | WL | N/A | 29 |
| Refueling Water System | Duke Power Co. | FW | N/A | 31 |
| Auxiliary Feedwater System | Duke Power Co. | CA | N/A | 32 |
| Residual Heat Removal System | Duke Power Co. | ND | N/A | 35 |
| Nuclear Service Water System | Duke Power Co. | RN | N/A | 36 |
| Chemical & Volume Control System | Duke Power Co. | NV | N/A | 37 |
| Component Cooling System | Duke Power Co. | KC | N/A | 38 |
| Main Feedwater System | Duke Power Co. | CF | N/A | 39 |
| Containment Spray System | Duke Power Co. | NS | N/A | 40 |

1.1 Identification Numbers

Continued

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

1.2 Personnel, Equipment and Material Certifications

All personnel who performed or evaluated the results of inservice inspections during the time frame bracketed by the examination dates shown on the NIS-1 Form were certified in accordance with the requirements of the 1995 Edition of ASME Section XI with the 1996 Addenda including Appendix VII for ultrasonic inspections. In addition, ultrasonic examiners were qualified in accordance with ASME Section XI, Appendix VIII, and 1995 Edition with the 1996 Addenda through the Performance Demonstration Initiative (PDI) for similar metal piping welds.

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 McGuire Nuclear Station or copies may be obtained by contacting the Duke Energy's 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:

1. RFR 01-004 (Class 1, 2 and 3 snubber examination under station technical specification)
2. RFR 01-005 (Risk Informed Inservice Inspection Program Submittal)
3. RFR 01-008 (Risk Informed ISI Alternative to Use VT-2 Instead of Volumetric Examination of Socket Welds)
4. RFR 02-004 (Weld coverage limitations for this outage)
5. Code Case N-460 (Alternative Examination Coverage For Class 1 and Class 2 Welds)
6. RFR-01-GO-002 to use Code Case N-416-2 "Alternative Pressure Test Requirement for Welded Repairs, Fabrication Welds for Replacement Parts and Piping Subassemblies, or Installation of Replacement Items by Welding, Class 1, 2 and 3 Section XI, Division 1."

1.4 Responsible Inspection Agency

The Hartford Steam Boiler Inspection and Insurance Company of Connecticut is responsible for the third party inspections required by ASME Section XI.

Authorized Nuclear Inservices Inspector(s)

| | |
|----------------------|--|
| Name: | R. D. Klein |
| Employer: | The Hartford Steam Boiler Inspection & Insurance Company of Connecticut |
| Business Address: | 200 Ashford Center North Suite 300 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 1995 ASME Code Section XI through the 1996 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, 2, and 3 Component Supports. Augmented and Risk Informed inspections are also included.

During the McGuire Third 10 Year Interval piping welds will be examined under the Risk Informed Inservice Inspection program developed in accordance with methodology contained in the Westinghouse Owner's Group (WOG) Topical Report, WCAP-14572, Revision 1-NP-A. Request for Relief 01-005 was submitted to the NRC seeking approval to incorporate the Risk Informed Program into the Third 10 Year Interval ISI Plan for McGuire Unit 1. The NRC approved use of this program per SER dated June 12, 2002. Previous code examination Categories B-F, B-J, C-F-1, and C-F-2 will now be combined under the new Risk Informed Category R-A.

Class 1 Inspections

| <i>Examination Category</i> | <i>Description</i> | <i>Inspections Required</i> | <i>Inspections Completed</i> | <i>Percentage Completed</i> | <i>⁶Deferral Allowed</i> |
|-----------------------------|---|--|------------------------------|-----------------------------|-------------------------------------|
| B-A | Pressure Retaining Welds in Reactor Vessel | 28 | 2 | 7.14% | Yes |
| B-B | Pressure Retaining Welds in Vessels Other than Reactor Vessel | 5 | 0 | 0.00% | No |
| B-D | Full Penetration Welded Nozzles in Vessels Inspection Program B | 36 | 0 | 0.00% | Partial |
| B-F | Pressure Retaining Dissimilar Metal Welds in Vessel Nozzles | Reference Risk Informed Program R01. Items | | | |
| B-G-1 | Pressure Retaining Bolting Greater than 2 " in Diameter | 243 | 82 | 33.74% | No |

Class 1 Inspections (Continued)

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | ⁶Deferral Allowed |
|-----------------------------|---|--|------------------------------|-----------------------------|-------------------------------------|
| B-G-2 | Pressure Retaining Bolting 2" and Less in Diameter | 15 | 0 | 0.00% | No |
| B-J | Pressure Retaining Welds in Piping | Reference Risk Informed Program R01. Items | | | |
| B-K | Integral Attachments for Piping, Pumps and Valves | 6 | 0 | 0.00% | No |
| B-L-1 | Pressure Retaining Welds in Pump Casings | N/A | N/A | N/A | Yes |
| B-L-2 | Pump Casings | 1 | 0 | 0.00% | Yes |
| B-M-1 | Pressure Retaining Welds in Valve Bodies | N/A | N/A | N/A | Yes |
| B-M-2 | Valve Body > 4 in. Nominal Pipe Size | 7 | 0 | 0.00% | Yes |
| B-N-1 | Interior of Reactor Vessel | 3 | 0 | 0.00% | No |
| B-N-2 | Integrally Welded Core Support Structures and Interior Attachments to Reactor Vessels | 2 | 0 | 0.00% | Yes |
| B-N-3 | Removable Core Support Structures | 1 | 0 | 0.00% | Yes |
| B-O | Pressure Retaining Welds in Control Rod Housings | 3 | 1 | 33.33% | Yes |

Class 1 Inspections (Continued)

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | ⁶Deferral Allowed |
|-----------------------------|-----------------------------------|--------------------------------------|------------------------------|-----------------------------|-------------------------------------|
| B-P | All Pressure Retaining Components | REFERENCE SECTION 6.0 OF THIS REPORT | | | |
| B-Q | Steam Generator Tubing | See Note Below | | | |
| F-A F01.010 | Class 1 Component Supports | 68 | 11 | 16.17% | No |

Note: Steam Generator Tubing is examined and documented by the Steam Generator Maintenance Group of the Nuclear Services Division as required by the Station Technical Specifications and is not included in this report.

⁶Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB 2500-1. These examination categories are exempt from percentage requirements per IWB-2412 (a), Inspection Program B.

Class 2 Inspections

| Examination Category | Description | Inspections Required | Inspections Completed | Percentage Completed | ⁶Deferral Allowed |
|-----------------------------|---|--|------------------------------|-----------------------------|-------------------------------------|
| C-A | Pressure Retaining Welds in Pressure Vessels | 26 | 2 | 7.69% | No |
| C-B | Pressure Retaining Nozzle Welds in Vessels | 9 | 2 | 22.22% | No |
| C-C | Integral Attachments for Vessels, Piping, Pumps and Valves | 32 | 4 | 12.50% | No |
| C-D | Pressure Retaining Bolting Greater Than 2" in Diameter | N/A | N/A | N/A | N/A |
| C-F-1 | Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping | Reference Risk Informed Program R01. Items | | | |
| C-F-2 | Pressure Retaining Welds in Carbon or Low Alloy Steel Piping | Reference Risk Informed Program R01. Items | | | |
| C-G | Pressure Retaining Welds in Pumps and Valves | 3 | 1 | 33.33% | No |
| C-H | All Pressure Retaining Components | REFERENCE SECTION 6.0 OF THIS REPORT | | | |
| F-A F01.020 | Class 2 Component Supports | 225 | 35 | 15.55% | No |

Additional Component Support Examinations Class 1, 2 & 3

| <i>Examination Category</i> | <i>Description</i> | <i>Inspections Required</i> | <i>Inspections Completed</i> | <i>Percentage Completed</i> | <i>⁶Deferral Allowed</i> |
|-----------------------------|---|-----------------------------|------------------------------|-----------------------------|-------------------------------------|
| F-A F01.040 | Supports other than Piping Supports Class 1, 2 & 3 | 46 | 6 | 13.04% | No |
| F01.050 | Component Supports, Snubbers Class 1, 2 & 3 | | | * | No |

⁶Deferral of inspection to the end of the interval as allowed by ASME Section XI Tables IWB-2500-1 and IWC-2500-1.

* Examinations to be performed per Request for Relief 01-004

Risk Informed Inservice Inspection Program Class 1 and 2

| <i>Examination Category</i> | <i>Description</i> | <i>Inspections Required</i> | <i>Inspections Completed</i> | <i>Percentage Completed</i> | <i>⁶Deferral Allowed</i> |
|-----------------------------|--------------------------------------|-----------------------------|------------------------------|-----------------------------|-------------------------------------|
| R-A | Piping Examinations Class 1 and 2 | 99 | 15 | 15.15% | No |

Augmented Inspections

| <i>Description</i> | <i>Percentage Complete</i> |
|--|---|
| Reactor Coolant Pump Flywheels (Item No. Series G01.) | No Examinations required for Outage 1 / EOC-15 |
| Pipe Rupture Protection (Item No. Series G03.) | No Examinations required for Outage 1 / EOC-15 |
| Reactor Vessel Head to Pipe Welds (Item No. Series G04.) | Examinations added to address future industry concerns. |

3.0 Final Inservice Inspection Plan

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

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

| | | |
|-----------------|---|--|
| ITEM NUMBER | = | ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), IWF-2500-1 (Class 1 and Class 2), Augmented and Risk Informed Requirements |
| ID NUMBER | = | Unique Identification Number |
| SYS | = | Component System Number |
| ISO/DWG NUMBERS | = | Location and/or Detail Drawings |
| PROC | = | Examination Procedures |
| INSP REQ. | = | Examination Technique - Magnetic Particle, Dye Penetrant, etc. |
| MAT / SCH | = | General Description of Material |
| DIA / THICK | = | Diameter/Thickness |
| CAL BLOCKS | = | Calibration Block Number |
| COMMENTS | = | General and/or Detail Description |

CATEGORY B-A, Pressure Retaining Welds
in Reactor Vessel

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Shell-to-Flange Weld

| ITEM NUMBER | ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
|-----------------------------|--|------------------------------------|---------|------------------|-----------------------|---|
| B01.030.001 | 1RPV 7-442 Circumferential Class A | MCM 1201.01-146 MCM 1201.01-223 | NDE-350 | UT CS | 0.000 50304 10.700 | NOZZLE BELT TO FLANGE PC. 454-01 TO PC. 442-06 UT FROM FLANGE SURFACE |
| Total B01.030 Items: | | 1 | | | | |

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

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL | BLOCKS | COMMENTS |
|------------------------------------|----------------|-----|------------------------------------|--------|----------|---------|-----------------|------|--------|------------------|
| **** Closure Head Nuts **** | | | | | | | | | | |
| B06.010.001 | 1RPV-449-02-01 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.002 | 1RPV-449-02-02 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.003 | 1RPV-449-02-03 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.004 | 1RPV-449-02-04 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.005 | 1RPV-449-02-05 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.006 | 1RPV-449-02-06 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.007 | 1RPV-449-02-07 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |
| B06.010.008 | 1RPV-449-02-08 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.540 1.770 | ---- | | CLOSURE HEAD NUT |

Total B06.010 Items: 8

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|---------------------------------------|----------------|-----|------------------------------------|----------|----------|---------|-----------------|------------|--------------|
| **** Closure Studs, when removed **** | | | | | | | | | |
| B06.030.001 | 1RPV-449-01-01 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.001A | 1RPV-449-01-01 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.002 | 1RPV-449-01-02 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.002A | 1RPV-449-01-02 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.003 | 1RPV-449-01-03 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.003A | 1RPV-449-01-03 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.004 | 1RPV-449-01-04 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.004A | 1RPV-449-01-04 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|--------------|----------------|-----|------------------------------------|----------|----------|---------|-----------------|------------|--------------|
| B06.030.005 | 1RPV-449-01-05 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.005A | 1RPV-449-01-05 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.006 | 1RPV-449-01-06 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.006A | 1RPV-449-01-06 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.007 | 1RPV-449-01-07 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.007A | 1RPV-449-01-07 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.008 | 1RPV-449-01-08 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.008A | 1RPV-449-01-08 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.009 | 1RPV-449-01-09 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------|----------------|-----|------------------------------------|----------|----------|---------|-----------------|------------|--------------|
| B06.030.009A | 1RPV-449-01-09 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.010 | 1RPV-449-01-10 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.010A | 1RPV-449-01-10 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.011 | 1RPV-449-01-11 | | MCM 1201.01-204 MCM 1201.01-206 | PDI-UT-5 | UT | CS | 7.000 57.688 | 50501 | CLOSURE STUD |
| Class A | | | | | | | | | |
| B06.030.011A | 1RPV-449-01-11 | | MCM 1201.01-204 MCM 1201.01-206 | NDE-25 | MT | CS | 7.000 57.688 | | CLOSURE STUD |
| Class A | | | | | | | | | |
| Total B06.030 Items: | | 22 | | | | | | | |

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-----------------------------|----------------|-----|------------------------------------|---------|----------|---------|-----------------|------------|-----------------------|
| **** Threads in Flange **** | | | | | | | | | |
| B06.040.001 | 1RPV-THREAD-01 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.002 | 1RPV-THREAD-02 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.003 | 1RPV-THREAD-03 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.004 | 1RPV-THREAD-04 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.005 | 1RPV-THREAD-05 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.006 | 1RPV-THREAD-06 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.007 | 1RPV-THREAD-07 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.008 | 1RPV-THREAD-08 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------|----------------|-----|------------------------------------|---------|----------|---------|-----------------|------------|-----------------------|
| B06.040.009 | 1RPV-THREAD-09 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.010 | 1RPV-THREAD-10 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.011 | 1RPV-THREAD-11 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.012 | 1RPV-THREAD-12 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.013 | 1RPV-THREAD-13 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.014 | 1RPV-THREAD-14 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.015 | 1RPV-THREAD-15 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.016 | 1RPV-THREAD-16 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.017 | 1RPV-THREAD-17 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------|----------------|-----|------------------------------------|---------|----------|---------|-----------------|------------|-----------------------|
| B06.040.018 | 1RPV-THREAD-18 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.019 | 1RPV-THREAD-19 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.020 | 1RPV-THREAD-20 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.021 | 1RPV-THREAD-21 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.022 | 1RPV-THREAD-22 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.023 | 1RPV-THREAD-23 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.024 | 1RPV-THREAD-24 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.025 | 1RPV-THREAD-25 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.026 | 1RPV-THREAD-26 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------|----------------|-----|------------------------------------|---------|----------|---------|-----------------|------------|-----------------------|
| B06.040.027 | 1RPV-THREAD-27 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.028 | 1RPV-THREAD-28 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.029 | 1RPV-THREAD-29 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.030 | 1RPV-THREAD-30 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.031 | 1RPV-THREAD-31 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.032 | 1RPV-THREAD-32 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.033 | 1RPV-THREAD-33 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.034 | 1RPV-THREAD-34 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.035 | 1RPV-THREAD-35 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |

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

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------|----------------|-----|------------------------------------|---------|----------|---------|-----------------|------------|-----------------------|
| B06.040.036 | 1RPV-THREAD-36 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.037 | 1RPV-THREAD-37 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.038 | 1RPV-THREAD-38 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.039 | 1RPV-THREAD-39 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.040 | 1RPV-THREAD-40 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.041 | 1RPV-THREAD-41 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.042 | 1RPV-THREAD-42 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.043 | 1RPV-THREAD-43 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.044 | 1RPV-THREAD-44 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |

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

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------|----------------|-----|------------------------------------|---------|----------|---------|-----------------|------------|-----------------------|
| B06.040.045 | 1RPV-THREAD-45 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.046 | 1RPV-THREAD-46 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.047 | 1RPV-THREAD-47 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.048 | 1RPV-THREAD-48 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.049 | 1RPV-THREAD-49 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.050 | 1RPV-THREAD-50 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.051 | 1RPV-THREAD-51 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.052 | 1RPV-THREAD-52 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |
| B06.040.053 | 1RPV-THREAD-53 | | MCM 1201.01-147 MCM 1201.01-206 | NDE-340 | UT | CS | 7.000 12.000 | 40387 | THREADS IN RPV FLANGE |
| Class A | | | | | | | | | |

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

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL | BLOCKS | COMMENTS |
|-------------|----------------|-----|-----------------|---------|----------|---------|---------|-----|--------|-----------------------|
| B06.040.054 | 1RPV-THREAD-54 | | MCM 1201.01-147 | NDE-340 | UT | CS | 7.000 | | 40387 | THREADS IN RPV FLANGE |
| | | | MCM 1201.01-206 | | | | 12.000 | | | |

Class A

Total B06.040 Items: 54

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

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Reactor Vessel

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------------------------------|----------------|-----|------------------------------------|--------|----------|---------|-----------------|------------|----------------|
| **** Closure Washers, Bushings **** | | | | | | | | | |
| B06.050.001 | 1RPV-449-03-01 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.002 | 1RPV-449-03-02 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.003 | 1RPV-449-03-03 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.004 | 1RPV-449-03-04 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.005 | 1RPV-449-03-05 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.006 | 1RPV-449-03-06 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.007 | 1RPV-449-03-07 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| B06.050.008 | 1RPV-449-03-08 | | MCM 1201.01-204 MCM 1201.01-206 | QAL-13 | VT-1 | CS | 10.560 1.719 | ---- | CLOSURE WASHER |
| Class A | | | | | | | | | |
| Total B06.050 Items: | | 8 | | | | | | | |

**CATEGORY B-G-1, Pressure Retaining
Bolting, Greater than 2" In Diameter****Pumps****DUKE ENERGY CORPORATION
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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------------------|-----------|-----|-----------------|----------|------------------|---------|-----------------|--------------------------------|
| **** Bolts and Studs **** | | | | | | | | |
| B06.180.001 | 1RCP-1A-F | | MCM 1201.01-120 | PDI-UT-5 | UT | CS | 4.500 29.500 | 50502 24 RCP MAIN FLANGE BOLTS |

Class A

Total B06.180 Items: 1**Total B06 Items: 93**

CATEGORY B-O, Pressure Retaining Welds
In Control Rod Housings**Reactor Vessel****DUKE ENERGY CORPORATION**
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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|---------------------------------------|--------------|-----|-----------------|--------|----------|------------|----------------|------------|----------------------------------|
| **** Welds in CRD Housing **** | | | | | | | | | |
| B14.010.011 | 1RPV-CRDM-65 | | MCM 1201.01-224 | NDE-35 | PT | SS-Inconel | 4.000 0.642 | | CRD HOUSING WELD (PERIPHERAL) |

Class A

Total B14.010 Items: 1**Total B14 Items: 1**

**CATEGORY C-A, Pressure Retaining Welds
In Pressure Vessels**DUKE ENERGY CORPORATION
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12/11/2002**Head Circumferential Welds**

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------|-----------------|-----|------------------|---------|-----------------|---------|---------|------------|--|
| C01.020.001 | 1SGD-W144 | | MCM 1201.01-0782 | NDE-620 | UT | CS | 0.000 | 5139385 | STEAM GENERATOR 1D |
| | Circumferential | | | See Com | | | 4.125 | 50236A | "DEPENDING UPON THE EXAMINER'S |
| | Class B | | | | Steam drum to | | | | QUALIFICATIONS, PROCEDURE PDI-UT-6 MAY |
| | | | | | Steam drum head | | | | BE USED IN LIEU OF PROCEDURE |
| | | | | | | | | | NDE-620" |
| Total C01.020 Items: | | | 1 | | | | | | |

**CATEGORY C-A. Pressure Retaining Welds
In Pressure Vessels**DUKE ENERGY CORPORATION
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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------|-----------------|-----|------------------|---------|-----------------------|---------|---------|------------|--|
| C01.030.001 | 1SGA-W65 | | MCM 1201.01-0782 | NDE-620 | UT | CS | 0.000 | 5135230 | STEAM GENERATOR 1A "DEPENDING UPON THE EXAMINER'S QUALIFICATIONS, PROCEDURE PDI-UT-6 MAY BE USED IN LIEU OF PROCEDURE NDE-620" |
| | Circumferential | | | See Com | | | 3.687 | 50236A | |
| | Class B | | | | Tubesheet to Shell | | | | |
| Total C01.030 Items: | | | | | | | | | 1 |
| Total C01 Items: | | | | | | | | | 2 |

CATEGORY C-B, Pressure Retaining Nozzle Welds In Vessels

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

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|---|------------------------------|----------|------------------|----------|-------------------------|---------|-----------------|-------------------|--|
| **** Nozzle-to-Shell (or Head) Weld **** | | | | | | | | | |
| C02.021.001 | 1SGA-W258 Circumferential | | MCM 1201.01-0782 | NDE-320 | UT | CS | 16.000 4.125 | 5139385 50236A | STEAM GENERATOR 1A FEEDWATER NOZZLE |
| Class B | | | | | Nozzle to Steam drum | | | | |
| C02.021.001A | 1SGA-W258 Circumferential | | MCM 1201.01-0782 | NDE-25 | MT | CS | 16.000 4.125 | | STEAM GENERATOR 1A FEEDWATER NOZZLE |
| Class B | | | | | Nozzle to Steam drum | | | | |
| Total C02.021 Items: | | 2 | | | | | | | |
| **** Nozzle Inside Radius Section **** | | | | | | | | | |
| C02.022.001 | 1SGA-W258 Circumferential | | MCM 1201.01-0782 | NDE-2080 | UT | CS | 16.000 4.125 | 8304-601 | STEAM GENERATOR 1A FEEDWATER NOZZLE INSIDE RADIUS |
| Class B | | | | | Nozzle to Steam drum | | | | |
| Total C02.022 Items: | | 1 | | | | | | | |
| Total C02 Items: | | 3 | | | | | | | |

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

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Pressure Vessels

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------------|---------------|-----|-----------------|--------|----------|---------|---------|------------|-------------------------------------|
| *** Welded Attachments *** | | | | | | | | | |
| C03.010.002 | 1NSHX-1A-SUPP | | MCM 1201.06-25 | NDE-35 | PT | CS | | 0.000 | CONTAINMENT SPRAY HEAT EXCHANGER 1A |
| | | NS | | | | | | 0.000 | SUPPORT |
| | Class B | | | | | | | | WELDED ATTACHMENT |
| Total C03.010 Items: | | 1 | | | | | | | |

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

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Piping

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|------------------------------|---------------|-----|-------------------|--------|----------|---------|---------|------------|-------------------|
| **** Welded Attachments **** | | | | | | | | | |
| C03.020.021 | 1-MCA-ND-H15 | | MCSR-D-NDA/sht. 5 | NDE-35 | PT | SS | 8.000 | | WELDED ATTACHMENT |
| | Rigid Support | ND | | | | | 0.237 | | |
| Class B | | | | | | | | | |
| C03.020.031 | 1-MCA-NI-H6 | | MCSR-D-NIA/sht. 1 | NDE-35 | PT | SS | 8.000 | | WELDED ATTACHMENT |
| | Spring Hgr | NI | | | | | 0.203 | | |
| Class B | | | | | | | | | |
| Total C03.020 Items: 2 | | | | | | | | | |

**CATEGORY C-C, Welded Attachments For
Vessels, Piping, Pumps, And Valves**DUKE ENERGY CORPORATION
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12/11/2002**Pumps****Inservice Inspection Plan for Interval 3 Outage 1**

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------------------------------|----------------|-----|-----------------|--------|----------|---------|---------|----------------|---|
| **** Welded Attachments **** | | | | | | | | | |
| C03.030.001 | 1CCPUMP-1A-LEG | | MCM 1201.05-228 | NDE-35 | PT | SS | | 0.000 0.000 | CENTRIFUGAL CHARGING PUMP 1A 4 SUPPORT LEGS WELDED ATTACHMENT EQUIPMENT TAG # 1NVPU0015, CHEMICAL AND VOLUME CONTROL PUMP (1A) VERIFY 4" LINE OUTLET FROM PUMP TO VALVE 1NV-802 AND 6" LINE INLET FROM PUMP TO VALVE 1NV-224 TO VERIFY CORRECT PUMP BEFORE INSPECTION |

Class B

Total C03.030 Items: 1**Total C03 Items: 4**

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

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Valves

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|--------------------------|-----------|-----|------------------|--------|---------------|---------|---------|------------|---|
| *** Valve Body Welds *** | | | | | | | | | |
| C06.020.001A | 1CF-26-1 | | MCM 1205.23-0004 | NDE-25 | MT | CS | 12.000 | | ITEM # FWI-002 |
| | | CF | | | | | 1.360 | | INSPECT ONE VALVE IN THIS GROUP (1A-1D) |
| | Class B | | | | Valve Body to | | | | PER INTERVAL. |
| | | | | | Bonnet | | | | |
| Total C06.020 Items: | | 1 | | | | | | | |
| Total C06 Items: | | 1 | | | | | | | |

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

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Piping

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|------------------------------|-----------------|-----|------------------|--------|----------|---------|---------|------------|-------------------|
| **** Welded Attachments **** | | | | | | | | | |
| D01.020.003 | 1-MCA-CA-H68 | | MCSR-D-CAD/sht.1 | QAL-13 | VT-1 | NA | 4.000 | | WELDED ATTACHMENT |
| | Rigid Support | CA | | | | | 0.125 | | |
| | Class C | | | | | | | | |
| D01.020.006 | 1-MCA-CA-H63 | | MCSR-D-CAC/sht.2 | QAL-13 | VT-1 | NA | 4.000 | | WELDED ATTACHMENT |
| | Rigid Restraint | CA | | | | | 0.125 | | |
| | Class C | | | | | | | | |
| Total D01.020 Items: | | 2 | | | | | | | |
| Total D01 Items: | | 2 | | | | | | | |

CATEGORY F-A, Supports

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Class 1 Piping Supports

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|--------------|--|-----|---------------------|--------|----------|---------|---------|-----------------|----------|
| F01.010.001C | 1-MCR-NC-500 Spring Hgr Class A | NC | MCSRDC-01/sht. 1 | QAL-14 | VT-3 | NA | | 14.000 0.000 | |
| F01.010.002A | 1-MCR-NC-501 Rigid Support Class A | NC | MCSRDC-01/sht. 1 | QAL-14 | VT-3 | NA | | 14.000 0.000 | |
| F01.010.003C | 1-MCR-NC-506 Spring Hgr Class A | NC | MCSRDC-03/sht. 2 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.010.004A | 1-MCR-NC-507 Rigid Support Class A | NC | MCSRDC-03/sht. 2 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.010.051A | 1-MCR-ND-500 Rigid Support Class A | ND | MCSRDC-01/sht. 1 | QAL-14 | VT-3 | NA | | 14.000 0.000 | |
| F01.010.101C | 1-MCR-NI-515 Hyd Snubber Class A | NI | MCSRDC-NI-01/sht. 1 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.010.102A | 1-MCR-NI-521 Rigid Support Class A | NI | MCSRDC-NI-01/sht. 4 | QAL-14 | VT-3 | NA | | 10.000 0.000 | |
| F01.010.104C | 1-MCR-NI-528 Hyd Snubber Class A | NI | MCSRDC-NI-01/sht. 3 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |

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Class 1 Piping Supports

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------|---------------|-----|---------------------|--------|----------|---------|---------|------------|----------|
| F01.010.162C | 1-MCR-NV-1234 | | MCSR-D-NV-02/sht. 3 | QAL-14 | VT-3 | NA | | 3.000 | |
| | Mech Snubber | NV | | | | | | 0.000 | |
| | Class A | | | | | | | | |
| F01.010.163C | 1-MCR-NV-1291 | | MCSR-D-NV-09/sht. 1 | QAL-14 | VT-3 | NA | | 2.000 | |
| | Mech Snubber | NV | | | | | | 0.000 | |
| | Class A | | | | | | | | |
| F01.010.164C | 1-MCR-NV-1292 | | MCSR-D-NV-09/sht. 1 | QAL-14 | VT-3 | NA | | 2.000 | |
| | Spring Hgr | NV | | | | | | 0.000 | |
| | Class A | | | | | | | | |
| Total F01.010 Items: | | 11 | | | | | | | |

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Class 2 Piping Supports

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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|--------------|--|-----|-------------------|--------|----------|---------|---------|-----------------|----------|
| F01.020.006A | 1-MCR-CA-H400 Rigid Support Class B | | MCSRDCAN/sh.t. 1 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.020.008C | 1-MCA-CA-H415 Mech Snubber Class B | | MCSRDCAN/sh.t. 2 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.020.010A | 1-MCA-CA-H426 Rigid Support Class B | | MCSRDCAO/sh.t. 2 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.020.054C | 1-MCA-CF-H208 Hyd Snubber Class B | | MCSRDCFC/sh.t. 12 | QAL-14 | VT-3 | NA | | 26.000 0.000 | |
| F01.020.058C | 1-MCR-CF-H404 Hyd Snubber Class B | | MCSRDCFC/sh.t. 12 | QAL-14 | VT-3 | NA | | 16.000 0.000 | |
| F01.020.153B | 1-MCA-ND-H17 Rigid Restraint Class B | | MCSRDNDA/sh.t. 2 | QAL-14 | VT-3 | NA | | 8.000 0.000 | |
| F01.020.155C | 1-MCA-ND-H23 Spring Hgr Class B | | MCSRDNDA/sh.t. 2 | QAL-14 | VT-3 | NA | | 8.000 0.000 | |
| F01.020.157B | 1-MCA-ND-H59 Rigid Restraint Class B | | MCSRDNDA/sh.t. 6 | QAL-14 | VT-3 | NA | | 8.000 0.000 | |

CATEGORY F-A, Supports

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Class 2 Piping Supports

Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------|-----------------|-----|----------------------|--------|----------|---------|---------|------------|----------|
| F01.020.160A | 1-MCA-ND-H76 | | MCSR-D-NDA/sh.t. 8 | QAL-14 | VT-3 | NA | | 8.000 | |
| | Rigid Support | ND | | | | | | 0.000 | |
| Class B | | | | | | | | | |
| F01.020.163A | 1-MCA-ND-H84 | | MCSR-D-NDA/sh.t. 3 | QAL-14 | VT-3 | NA | | 8.000 | |
| | Rigid Support | ND | | | | | | 0.000 | |
| Class B | | | | | | | | | |
| F01.020.179A | 1-MCA-ND-H69 | | MCSR-D-NDA/sh.t. 4 | QAL-14 | VT-3 | NA | | 12.000 | |
| | Rigid Support | ND | | | | | | 0.125 | |
| Class B | | | | | | | | | |
| F01.020.180A | 1-MCA-ND-H15 | | MCSR-D-NDA/sh.t. 5 | QAL-14 | VT-3 | SS | | 8.000 | |
| | Rigid Support | ND | | | | | | 0.237 | |
| Class B | | | | | | | | | |
| F01.020.202A | 1-MCA-NI-H5 | | MCSR-D-NIA/sh.t. 1 | QAL-14 | VT-3 | NA | | 6.000 | |
| | Rigid Support | NI | | | | | | 0.000 | |
| Class B | | | | | | | | | |
| F01.020.203C | 1-MCA-NI-H6 | | MCSR-D-NIA/sh.t. 1 | QAL-14 | VT-3 | NA | | 8.000 | |
| | Spring Hgr | NI | | | | | | 0.203 | |
| Class B | | | | | | | | | |
| F01.020.209B | 1-MCR-NI-555 | | MCSR-D-NI-03/sh.t. 3 | QAL-14 | VT-3 | NA | | 6.000 | |
| | Rigid Restraint | NI | | | | | | 0.000 | |
| Class B | | | | | | | | | |
| F01.020.211C | 1-MCR-NI-676 | | MCSR-D-NI-11/sh.t. 1 | QAL-14 | VT-3 | NA | | 4.000 | |
| | Hyd Snubber | NI | | | | | | 0.000 | |
| Class B | | | | | | | | | |
| F01.020.212B | 1-MCR-NI-685 | | MCSR-D-NI-11/sh.t.2 | QAL-14 | VT-3 | NA | | 2.000 | |
| | Rigid Restraint | NI | | | | | | 0.000 | |
| Class B | | | | | | | | | |

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|--------------|---|-----|---------------------|--------|----------|---------|---------|-----------------|----------|
| F01.020.251A | 1-MCA-NS-H2 Rigid Support Class B | NS | MCSR-D-NSC/sht. 1 | QAL-14 | VT-3 | NA | | 10.000 0.000 | |
| F01.020.252A | 1-MCA-NS-H3 Rigid Support Class B | NS | MCSR-D-NSC/sht. 1 | QAL-14 | VT-3 | NA | | 10.000 0.000 | |
| F01.020.253C | 1-MCA-NS-H7 Spring Hgr Class B | NS | MCSR-D-NSB/sht. 1 | QAL-14 | VT-3 | NA | | 10.000 0.000 | |
| F01.020.254B | 1-MCR-NS-655 Rigid Restraint Class B | NS | MCSR-D-NS-04/sht. 2 | QAL-14 | VT-3 | NA | | 8.000 0.000 | |
| F01.020.301A | 1-MCA-NV-H461 Rigid Support Class B | NV | MCSR-D-NVD/sht. 1 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.020.302B | 1-MCA-NV-H800 Rigid Restraint Class B | NV | MCSR-D-NVE/sht. 3 | QAL-14 | VT-3 | NA | | 4.000 0.000 | |
| F01.020.303A | 1-MCA-NV-H6 Rigid Support Class B | NV | MCSR-D-NVD/sht. 1 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.020.304A | 1-MCA-NV-H8 Rigid Support Class B | NV | MCSR-D-NVD/sht. 1 | QAL-14 | VT-3 | NA | | 8.000 0.000 | |
| F01.020.305A | 1-MCA-NV-H11 Rigid Support Class B | NV | MCSR-D-NVD/sht. 1 | QAL-14 | VT-3 | NA | | 8.000 0.000 | |

CATEGORY F-A, Supports**DUKE ENERGY CORPORATION
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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-------------|-----------|-----|-----------------|------|------------------|---------|------------|----------|
|-------------|-----------|-----|-----------------|------|------------------|---------|------------|----------|

| | | | | | | | | |
|----------------------|--|----|--|--|--|--|--|--|
| Total F01.020 Items: | | 35 | | | | | | |
|----------------------|--|----|--|--|--|--|--|--|

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION
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Class 3 Piping Supports**Inservice Inspection Plan for Interval 3 Outage 1**

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH | DIA/THK CAL BLOCKS | COMMENTS |
|--------------|---|-----|--------------------------------------|--------|------------------|--------------------|----------|
| F01.030.001A | 1-MCA-CA-H86 Rigid Support Class C | | MCSRDCAA/sht.1 | QAL-14 | VT-3 NA | 6.000 0.000 | |
| F01.030.011A | 1-MCA-CA-H63 Rigid Support Class C | CA | MCSRDCAC/sht.2 | QAL-14 | VT-3 NA | 4.000 0.125 | |
| F01.030.013A | 1-MCA-CA-H68 Rigid Support Class C | CA | MCSRDCAD/sht.1 | QAL-14 | VT-3 NA | 4.000 0.125 | |
| F01.030.023A | 1-MCA-CA-H100 Rigid Support Class C | CA | MCSRDCAK/sht.1 | QAL-14 | VT-3 NA | 6.000 0.000 | |
| F01.030.024A | 1-MCA-CA-H103 Rigid Support Class C | CA | MCSRDCAK/sht.1 | QAL-14 | VT-3 NA | 8.000 0.000 | |
| F01.030.026A | 1-MCA-CA-H346 Rigid Support Class C | CA | MCSRDCAK/sht.1 | QAL-14 | VT-3 NA | 8.000 0.000 | |
| F01.030.027C | 1-MCA-CA-H347 Mech Snubber Class C | CA | MCSRDCAK/sht.1 | QAL-14 | VT-3 NA | 8.000 0.000 | |
| F01.030.102A | 1-MCA-KC-1042 Rigid Support Class C | KC | MCSRDKC-313/sht.3 MCFD 1573-02.02 | QAL-14 | VT-3 NA | 6.000 0.000 | |

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|--------------|---|-----|--------------------------------------|--------|----------|---------|---------|-----------------|----------|
| F01.030.141B | 1-MCA-KC-2232 Rigid Restraint Class C | KC | MCSRDKC-315/sht.3 MCFD 1573-03-01 | QAL-14 | VT-3 | NA | | 14.000 0.000 | |
| F01.030.155A | 1-MCA-KD-121 Rigid Support Class C | KD | MCSRDKD-10/sht.2 MCFD 1609-01.01 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.030.161C | 1-MCA-LD-65 Spring Hgr Class C | LD | MCSRLDL-301/sht.2 MCFD 1609-02.00 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.030.162A | 1-MCA-LD-171 Rigid Support Class C | LD | MCSRLDL-301/sht.1 MCFD 1609-02.00 | QAL-14 | VT-3 | NA | | 6.000 0.000 | |
| F01.030.208B | 1-MCA-RN-H979 Rigid Restraint Class C | RN | MCSRDRN-301/sht.2 MCFD 1574-01.01 | QAL-14 | VT-3 | NA | | 20.000 0.000 | |
| F01.030.209B | 1-MCA-RN-2024 Rigid Restraint Class C | RN | MCSRDRN-301/sht.3 MCFD 1574-03.00 | QAL-14 | VT-3 | NA | | 18.000 0.000 | |
| F01.030.210B | 1-MCA-RN-2330 Rigid Restraint Class C | RN | MCSRDRN-301/sht.4 MCFD 1574-03.00 | QAL-14 | VT-3 | NA | | 20.000 0.000 | |
| F01.030.212C | 1-MCA-RN-H937 Mech Snubber Class C | RN | MCSRDRN-301/sht.2 MCFD 1574-01.01 | QAL-14 | VT-3 | NA | | 18.000 0.000 | |
| F01.030.213A | 1-MCA-RN-2240 Rigid Support Class C | RN | MCSRDRN-301/sht.2 MCFD 1574-01.01 | QAL-14 | VT-3 | NA | | 30.000 0.000 | |

CATEGORY F-A, Supports**DUKE ENERGY CORPORATION
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| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ MAT/SCH | DIAT/THK | CAL BLOCKS | COMMENTS |
|--------------|---------------|-----|-----------------|--------|------------------|----------|------------|----------|
| F01.030.214A | 1-MCA-RN-1260 | | MCSR-D-RN-316 | QAL-14 | VT-3 NA | | 8.000 | |
| | Rigid Support | RN | MCFD 1574-03.00 | | | | 0.000 | |
| Class C | | | | | | | | |

Total F01.030 Items: 27

CATEGORY F-A, Supports

DUKE ENERGY CORPORATION
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Supports other than Piping Supports (Class 1, 2, 3)

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|-----------------------------|--------------------|-----|------------------------------------|--------|----------|---------|---------|------------|---|
| F01.040.007 | 1RHRHX-SUPPORT-1A | | MCM 1201.06-0022 | QAL-14 | VT-3 | NA | | 0.000 | 1A RESIDUAL HEAT REMOVAL HEAT EXCHANGER SUPPORT |
| | Class B | ND | MCM 1201.06-48 | | | | | 0.000 | |
| F01.040.008 | 1CSHX-SUPPORT-1A | | MCM 1201.06-0025 | QAL-14 | VT-3 | NA | | 0.000 | 1A CONTAINMENT SPRAY HEAT EXCHANGER SUPPORT |
| | Class B | NS | | | | | | 0.000 | |
| F01.040.009 | 1REGHX-SUPPORT | | MCM 1201.06-15 | QAL-14 | VT-3 | NA | | 0.000 | REGENERATIVE HEAT EXCHANGER SUPPORT |
| | Class B | NV | MCM 1201.06-61 MCM 1201.06-0069 | | | | | 0.000 | |
| F01.040.037 | 1CRAC-SUPPORT-1 | | MCM 1211.00-0136 | QAL-14 | VT-3 | NA | | 0.000 | CONTROL AIR CHILLER 1 SUPPORT |
| | Class C | YC | | | | | | 0.000 | |
| F01.040.038 | 1CRAP-SUPPORT-1 | | MCM 1201.05-298 | QAL-14 | VT-3 | NA | | 0.000 | CONTROLLED AREA CHILLED WATER PUMP 1 SUPPORT |
| | Class C | YC | | | | | | 0.000 | |
| F01.040.041 | 1CRAAHU-SUPPORT-1A | | MCM 1211.00-211 | QAL-14 | VT-3 | NA | | 0.000 | CONTROL ROOM AREA AIR HANDLING UNIT 1 SUPPORT |
| | Class C | YC | | | | | | 0.000 | |
| Total F01.040 Items: | | | 6 | | | | | | |
| Total F01 Items: | | | 79 | | | | | | |

CATEGORY AUG, Augmented Inspections

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

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Inservice Inspection Plan for Interval 3 Outage 1

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Augmented Exam, Steam Generator Feedwater Modification

| ITEM NUMBER | ID NUMBER | SYS ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------|-----------------|---------------------|---------|-------------|------------|---------|------------|--------------------------|
| G04.001.001 | 1RPV1-462A-SE | MCM 1201.01-113 | NDE-310 | UT | CS-Inconel | 6.250 | 50374 | 0 DEG. |
| | Circumferential | MCM 1201.01-247 | | | | 0.625 | | PC. 459-01 TO PC. 446-04 |
| Class A | | MCFI-1NI38 | | RPV Head to | | | | |
| | Dissimilar | | | UHI Tube | | | | |
| G04.001.002 | 1RPV1-462B-SE | MCM 1201.01-113 | NDE-310 | UT | CS-Inconel | 6.250 | 50374 | 90 DEG. |
| | Circumferential | MCM 1201.01-247 | | | | 0.625 | | PC. 459-01 TO 446-04 |
| Class A | | MCFI-1NI38 | | RPV Head to | | | | |
| | Dissimilar | | | UHI Tube | | | | |
| G04.001.004 | 1RPV1-462D-SE | MCM 1201.01-113 | NDE-310 | UT | CS-Inconel | 6.250 | 50374 | 270 DEG. |
| | Circumferential | MCM 1201.01-247 | | | | 0.625 | | PC.459-01 TO PC.446-04 |
| Class A | | MCFI-1NI38 | | RPV Head to | | | | |
| | Dissimilar | | | UHI Tube | | | | |
| Total G04.001 Items: | | 3 | | | | | | |
| Total G04 Items: | | 3 | | | | | | |

**CATEGORY R-A, Risk Informed Piping
Examinations**

Elements Subject to Thermal Fatigue

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DI/THK | CAL BLOCKS | COMMENTS |
|-------------|---|-----|---|---------|-------------------------|------------|-----------------|------------|--|
| **** | **** | | | | | | | | |
| R01.011.013 | 1NC1FW19-1 Circumferential Class A | NC | MCFI-1NC19 MC-ISIN-1553-01.00 | NDE-600 | UT | SS | 2.000 0.344 | * | SEGMENT NC-017, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Pipe to Pipe Cap | | | | |
| R01.011.014 | 1NC1F2592 Circumferential Class A | NC | MCFI-1NC-33 MC-ISIN-1553-01.00 | NDE-600 | UT | SS | 3.000 0.438 | * | SEGMENT NC-022 IS NOT HSS. THIS WELD ADDED AS A RESULT OF DELTA RISK EVALUATION, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Pipe to Pipe | | | | |
| R01.011.020 | 1NC91-2 Circumferential Class A | NC | MCFI-1NC54 MC-ISIN-1553-01.00 | NDE-600 | UT | SS | 6.000 0.719 | * | SEGMENT NC-033, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Pipe to Elbow | | | | |
| R01.011.021 | 1NC92-2 Circumferential Class A | NC | MCFI-1NC52 MC-ISIN-1553-01.00 | NDE-600 | UT | SS | 14.000 1.250 | * | SEGMENT NC-034, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Elbow to Tee | | | | |
| R01.011.022 | 1NC138-1 Circumferential Class A | NC | MCFI-1NC54 MC-ISIN-1553-01.00 | NDE-600 | UT | SS | 6.000 0.719 | * | SEGMENT NC-035, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Pipe to Elbow | | | | |
| R01.011.026 | 1RPV1-462C-SE Circumferential Class A Dissimilar | NC | MCFI-1NI38 MC-ISIN-1553-01.00 MCM 1201.01-113 | NDE-310 | UT | CS-Inconel | 6.250 0.625 | 50374 | SEGMENT NC-089 180 DEG., PC. 459-01 TO 446-04, THIS EXAM IS ADDED ABOVE RI-ISI MIN. REQ. PER EXPERT PANEL MCM 1201.01-247 |
| | | | | | RPV Head to UHI Tube | | | | |
| R01.011.027 | 1NC1F1664 Circumferential Class A | NC | MCFI-1NC11 MC-ISIN-1553-02.01 | NDE-600 | UT | SS | 4.000 0.237 | * | SEGMENT NC-092, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Pipe to Reducer | | | | |
| R01.011.142 | 1NV1FW172-28 Circumferential Class B | NV | MCFI-1NV172 MC-ISIN-1554-03.00 | NDE-600 | UT | SS | 2.000 0.344 | * | SEGMENT NV-019AB, *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| | | | | | Pipe to Pipe | | | | |

CATEGORY R-A, Risk Informed Piping Examinations

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Elements Subject to Thermal Fatigue

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Inservice Inspection Plan for Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYS | ISO/DWG NUMBERS | PROC | INSP REQ | MAT/SCH | DIA/THK | CAL BLOCKS | COMMENTS |
|----------------------|-----------------|-----|--------------------|---------|-----------------|---------|---------|------------|--|
| R01.011.144 | 1NV1FW175-34 | | MCFI-1NV175 | NDE-600 | UT | SS | 2.000 | * | SEGMENT NV-019AC, |
| | Circumferential | NV | MC-ISIN-1554-03.00 | | | | 0.344 | | *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| Class B | | | | | Pipe to Reducer | | | | |
| R01.011.145 | 1NV1FW173-29 | | MCFI-1NV173 | NDE-600 | UT | SS | 2.000 | * | SEGMENT NV-019AC, |
| | Circumferential | NV | MC-ISIN-1554-03.00 | | | | 0.344 | | *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| Class B | | | | | Pipe to Pipe | | | | |
| R01.011.147 | 1NV1FW181-25 | | MCFI-1NV181 | NDE-600 | UT | SS | 2.000 | * | SEGMENT NV-020AA, |
| | Circumferential | NV | MC-ISIN-1554-03.00 | | | | 0.344 | | |
| Class B | | | | | Pipe to Pipe | | | | |
| R01.011.148 | 1NV1FW181-24 | | MCFI-1NV181 | NDE-600 | UT | SS | 2.000 | * | SEGMENT NV-020AA, |
| | Circumferential | NV | MC-ISIN-1554-03.00 | | | | 0.344 | | *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| Class B | | | | | Pipe to Pipe | | | | |
| R01.011.170 | 1NV1F4823 | | MCFI-1NV3 | NDE-600 | UT | SS | 2.000 | * | SEGMENT NV-110B, |
| | Circumferential | NV | MC-ISIN-1554-03.00 | | | | 0.344 | | *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| Class B | | | | | Reducer to Pipe | | | | |
| R01.011.201 | 1RV1F104 | | MCFI-1RV31 | NDE-600 | UT | CS | 12.000 | * | SEGMENT RV-001, |
| | Circumferential | RV | MC-ISIN-1604.03-00 | | | | 0.375 | | *SEE SECTION 8 FOR CALIBRATION BLOCK REQUIREMENTS |
| Class B | | | | | Elbow to Pipe | | | | |
| Total R01.011 Items: | | 14 | | | | | | | |
| **** **** | | | | | | | | | |
| R01.013.001 | 1RV1F104 | | MCFI-1RV31 | NDE-946 | UT | CS | 12.000 | STEP | SEGMENT RV-001 |
| | Circumferential | RV | MC-ISIN-1604.03-00 | | | | 0.375 | WEDGE | EXAMINE A 1 FT. LENGTH OF PIPE AT WELD TO DETERMINE WALL THKS. |
| Class B | | | | | Elbow to Pipe | | | | |
| Total R01.013 Items: | | 1 | | | | | | | |
| Total R01 Items: | | 15 | | | | | | | |

4.0 Results of Inspections Performed

The results of each examination shown in the final Inservice Inspection Plan (Section 3 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 Subsection 4.1 and 4.2. Corrective measures performed and limited examinations are described in further detail in Subsections 4.3 and 4.4.

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

| | | |
|--|---|---|
| ITEM NUMBER | = | ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), IWF-2500-1 (Class 1 and Class 2), Augmented and Risk Informed Requirements |
| ID NUMBER | = | Unique Identification Number |
| SYSTEM | = | Component System Identification |
| INSP DATE | = | Date of Examination |
| INSP STATUS | = | CLR Clear REC Recordable REP Reportable |
| INSP LIMITED | = | Indicates inspection was limited. Coverage obtained is listed |
| GEO REF (Geometric Reflector applies only to UT) | = | <u>Y</u> Yes <u>N</u> No |
| RFR (Relief Request) | = | <u>Y</u> Yes <u>N</u> No |
| COMMENTS | = | General and/or Detail Description |

DUKE ENERGY CORPORATION
 QUALITY ASSURANCE TECHNICAL SERVICES
 In-Service Inspection Database Management System
 McGuire 1 Inservice Inspection Listing

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 Plant: McGuire 1

Interval 3 Outage 1

| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|--------------|----------------|--------|------------|-------------|--------------|---------|-----|----------|
| B01.030.001 | 1RPV 7-442 | | 09/19/2002 | CLR | --- | N | N | |
| B01.040.001 | 1RPV 6-446A | | 09/22/2002 | CLR | --- | N | N | |
| B01.040.001A | 1RPV 6-446A | | 09/22/2002 | CLR | --- | N | N | |
| B06.010.001 | 1RPV-449-02-01 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.002 | 1RPV-449-02-02 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.003 | 1RPV-449-02-03 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.004 | 1RPV-449-02-04 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.005 | 1RPV-449-02-05 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.006 | 1RPV-449-02-06 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.007 | 1RPV-449-02-07 | | 09/24/2002 | CLR | --- | N | N | |
| B06.010.008 | 1RPV-449-02-08 | | 09/24/2002 | CLR | --- | N | N | |
| B06.030.001 | 1RPV-449-01-01 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.001A | 1RPV-449-01-01 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.002 | 1RPV-449-01-02 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.002A | 1RPV-449-01-02 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.003 | 1RPV-449-01-03 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.003A | 1RPV-449-01-03 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.004 | 1RPV-449-01-04 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.004A | 1RPV-449-01-04 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.005 | 1RPV-449-01-05 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.005A | 1RPV-449-01-05 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.006 | 1RPV-449-01-06 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.006A | 1RPV-449-01-06 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.007 | 1RPV-449-01-07 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.007A | 1RPV-449-01-07 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.008 | 1RPV-449-01-08 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.008A | 1RPV-449-01-08 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.009 | 1RPV-449-01-09 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.009A | 1RPV-449-01-09 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.010 | 1RPV-449-01-10 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.010A | 1RPV-449-01-10 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.011 | 1RPV-449-01-11 | | 09/25/2002 | CLR | --- | N | N | |
| B06.030.011A | 1RPV-449-01-11 | | 09/25/2002 | CLR | --- | N | N | |
| B06.040.001 | 1RPV-THREAD-01 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.002 | 1RPV-THREAD-02 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.003 | 1RPV-THREAD-03 | | 09/19/2002 | CLR | --- | N | N | |

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| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|-------------|----------------|--------|------------|-------------|--------------|---------|-----|----------|
| B06.040.004 | 1RPV-THREAD-04 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.005 | 1RPV-THREAD-05 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.006 | 1RPV-THREAD-06 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.007 | 1RPV-THREAD-07 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.008 | 1RPV-THREAD-08 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.009 | 1RPV-THREAD-09 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.010 | 1RPV-THREAD-10 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.011 | 1RPV-THREAD-11 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.012 | 1RPV-THREAD-12 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.013 | 1RPV-THREAD-13 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.014 | 1RPV-THREAD-14 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.015 | 1RPV-THREAD-15 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.016 | 1RPV-THREAD-16 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.017 | 1RPV-THREAD-17 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.018 | 1RPV-THREAD-18 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.019 | 1RPV-THREAD-19 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.020 | 1RPV-THREAD-20 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.021 | 1RPV-THREAD-21 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.022 | 1RPV-THREAD-22 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.023 | 1RPV-THREAD-23 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.024 | 1RPV-THREAD-24 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.025 | 1RPV-THREAD-25 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.026 | 1RPV-THREAD-26 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.027 | 1RPV-THREAD-27 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.028 | 1RPV-THREAD-28 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.029 | 1RPV-THREAD-29 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.030 | 1RPV-THREAD-30 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.031 | 1RPV-THREAD-31 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.032 | 1RPV-THREAD-32 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.033 | 1RPV-THREAD-33 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.034 | 1RPV-THREAD-34 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.035 | 1RPV-THREAD-35 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.036 | 1RPV-THREAD-36 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.037 | 1RPV-THREAD-37 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.038 | 1RPV-THREAD-38 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.039 | 1RPV-THREAD-39 | | 09/19/2002 | CLR | --- | N | N | |

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| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|--------------|----------------|--------|------------|-------------|--------------|---------|-----|--|
| B06.040.040 | 1RPV-THREAD-40 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.041 | 1RPV-THREAD-41 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.042 | 1RPV-THREAD-42 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.043 | 1RPV-THREAD-43 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.044 | 1RPV-THREAD-44 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.045 | 1RPV-THREAD-45 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.046 | 1RPV-THREAD-46 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.047 | 1RPV-THREAD-47 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.048 | 1RPV-THREAD-48 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.049 | 1RPV-THREAD-49 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.050 | 1RPV-THREAD-50 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.051 | 1RPV-THREAD-51 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.052 | 1RPV-THREAD-52 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.053 | 1RPV-THREAD-53 | | 09/19/2002 | CLR | --- | N | N | |
| B06.040.054 | 1RPV-THREAD-54 | | 09/19/2002 | CLR | --- | N | N | |
| B06.050.001 | 1RPV-449-03-01 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.002 | 1RPV-449-03-02 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.003 | 1RPV-449-03-03 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.004 | 1RPV-449-03-04 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.005 | 1RPV-449-03-05 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.006 | 1RPV-449-03-06 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.007 | 1RPV-449-03-07 | | 09/24/2002 | CLR | --- | N | N | |
| B06.050.008 | 1RPV-449-03-08 | | 09/24/2002 | CLR | --- | N | N | |
| B06.180.001 | 1RCP-1A-F | | 09/24/2002 | CLR | --- | N | N | |
| B14.010.011 | 1RPV-CRDM-65 | | 09/23/2002 | CLR | --- | N | N | |
| C01.020.001 | 1SGD-W144 | | 09/23/2002 | CLR | --- | N | N | |
| C01.030.001 | 1SGA-W65 | | 09/24/2002 | REC | --- | Y | N | |
| C02.021.001 | 1SGA-W258 | | 09/25/2002 | CLR | --- | N | N | |
| C02.021.001A | 1SGA-W258 | | 09/25/2002 | CLR | --- | N | N | |
| C02.022.001 | 1SGA-W258 | | 09/25/2002 | CLR | --- | N | N | |
| C03.010.002 | 1NSHX-1A-SUPP | NS | 09/12/2002 | CLR | --- | N | N | |
| C03.020.021 | 1-MCA-ND-H15 | ND | 09/10/2002 | CLR | --- | N | N | |
| C03.020.031 | 1-MCA-NI-H6 | NI | 09/12/2002 | CLR | --- | N | N | |
| C03.030.001 | 1CCPUMP-1A-LEG | | 09/10/2002 | CLR | 77.74% | N | Y | Reference RFR 02-004 and Code Case N-460 |
| C06.020.001A | 1CF-26-1 | CF | 09/25/2002 | CLR | --- | N | N | |
| D01.020.003 | 1-MCA-CA-H68 | CA | 08/06/2002 | CLR | --- | N | N | |

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| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|--------------|---------------|--------|------------|-------------|--------------|---------|-----|----------|
| D01.020.006 | 1-MCA-CA-H63 | CA | 08/06/2002 | CLR | --- | N | N | |
| F01.010.001C | 1-MCR-NC-500 | NC | 09/17/2002 | CLR | --- | N | N | |
| F01.010.002A | 1-MCR-NC-501 | NC | 09/17/2002 | CLR | --- | N | N | |
| F01.010.003C | 1-MCR-NC-506 | NC | 09/17/2002 | CLR | --- | N | N | |
| F01.010.004A | 1-MCR-NC-507 | NC | 09/17/2002 | CLR | --- | N | N | |
| F01.010.051A | 1-MCR-ND-500 | ND | 09/16/2002 | CLR | --- | N | N | |
| F01.010.101C | 1-MCR-NI-515 | NI | 09/17/2002 | CLR | --- | N | N | |
| F01.010.102A | 1-MCR-NI-521 | NI | 09/16/2002 | CLR | --- | N | N | |
| F01.010.104C | 1-MCR-NI-528 | NI | 09/16/2002 | CLR | --- | N | N | |
| F01.010.162C | 1-MCR-NV-1234 | NV | 09/16/2002 | CLR | --- | N | N | |
| F01.010.163C | 1-MCR-NV-1291 | NV | 09/16/2002 | REC | --- | N | N | |
| F01.010.164C | 1-MCR-NV-1292 | NV | 09/16/2002 | REC | --- | N | N | |
| F01.020.006A | 1-MCR-CA-H400 | CA | 09/16/2002 | CLR | --- | N | N | |
| F01.020.008C | 1-MCA-CA-H415 | CA | 08/06/2002 | CLR | --- | N | N | |
| F01.020.010A | 1-MCA-CA-H426 | CA | 08/07/2002 | CLR | --- | N | N | |
| F01.020.054C | 1-MCA-CF-H208 | CF | 08/05/2002 | CLR | --- | N | N | |
| F01.020.058C | 1-MCR-CF-H404 | CF | 09/16/2002 | CLR | --- | N | N | |
| F01.020.153B | 1-MCA-ND-H17 | ND | 08/08/2002 | CLR | --- | N | N | |
| F01.020.155C | 1-MCA-ND-H23 | ND | 08/08/2002 | CLR | --- | N | N | |
| F01.020.157B | 1-MCA-ND-H59 | ND | 08/08/2002 | CLR | --- | N | N | |
| F01.020.160A | 1-MCA-ND-H76 | ND | 08/08/2002 | CLR | --- | N | N | |
| F01.020.163A | 1-MCA-ND-H84 | ND | 08/13/2002 | CLR | --- | N | N | |
| F01.020.179A | 1-MCA-ND-H69 | ND | 08/13/2002 | CLR | --- | N | N | |
| F01.020.180A | 1-MCA-ND-H15 | ND | 08/13/2002 | CLR | --- | N | N | |
| F01.020.202A | 1-MCA-NI-H5 | NI | 08/13/2002 | CLR | --- | N | N | |
| F01.020.203C | 1-MCA-NI-H6 | NI | 08/13/2002 | CLR | --- | N | N | |
| F01.020.209B | 1-MCR-NI-555 | NI | 09/16/2002 | CLR | --- | N | N | |
| F01.020.211C | 1-MCR-NI-676 | NI | 09/16/2002 | CLR | --- | N | N | |
| F01.020.212B | 1-MCR-NI-685 | NI | 09/16/2002 | CLR | --- | N | N | |
| F01.020.251A | 1-MCA-NS-H2 | NS | 08/13/2002 | CLR | --- | N | N | |
| F01.020.252A | 1-MCA-NS-H3 | NS | 08/13/2002 | CLR | --- | N | N | |
| F01.020.253C | 1-MCA-NS-H7 | NS | 08/14/2002 | CLR | --- | N | N | |
| F01.020.254B | 1-MCR-NS-655 | NS | 09/17/2002 | CLR | --- | N | N | |
| F01.020.301A | 1-MCA-NV-H461 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.302B | 1-MCA-NV-H800 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.303A | 1-MCA-NV-H6 | NV | 08/13/2002 | CLR | --- | N | N | |

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| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|--------------|---------------|--------|------------|-------------|--------------|---------|-----|----------|
| F01.020.304A | 1-MCA-NV-H8 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.305A | 1-MCA-NV-H11 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.306A | 1-MCA-NV-H12 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.307A | 1-MCA-NV-H13 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.308C | 1-MCA-NV-H14 | NV | 08/13/2002 | CLR | --- | N | N | |
| F01.020.451A | 1-MCR-RN-537 | RN | 09/16/2002 | CLR | --- | N | N | |
| F01.020.501C | 1-MCA-SA-H19 | SA | 08/05/2002 | CLR | --- | N | N | |
| F01.020.551C | 1-MCA-SM-H12 | SM | 08/19/2002 | CLR | --- | N | N | |
| F01.020.553C | 1-MCA-SM-H20 | SM | 08/19/2002 | CLR | --- | N | N | |
| F01.020.602C | 1-MCA-SV-H17 | SV | 08/05/2002 | CLR | --- | N | N | |
| F01.020.651C | 1-MCA-VQ-H10 | VQ | 08/06/2002 | CLR | --- | N | N | |
| F01.030.001A | 1-MCA-CA-H86 | | 08/07/2002 | CLR | --- | N | N | |
| F01.030.011A | 1-MCA-CA-H63 | CA | 08/06/2002 | CLR | --- | N | N | |
| F01.030.013A | 1-MCA-CA-H68 | CA | 08/06/2002 | CLR | --- | N | N | |
| F01.030.023A | 1-MCA-CA-H100 | CA | 08/07/2002 | CLR | --- | N | N | |
| F01.030.024A | 1-MCA-CA-H103 | CA | 08/07/2002 | CLR | --- | N | N | |
| F01.030.026A | 1-MCA-CA-H346 | CA | 08/08/2002 | CLR | --- | N | N | |
| F01.030.027C | 1-MCA-CA-H347 | CA | 08/08/2002 | CLR | --- | N | N | |
| F01.030.102A | 1-MCA-KC-1042 | KC | 08/20/2002 | CLR | --- | N | N | |
| F01.030.103A | 1-MCA-KC-1304 | KC | 08/20/2002 | CLR | --- | N | N | |
| F01.030.104C | 1-MCA-KC-2137 | KC | 08/20/2002 | CLR | --- | N | N | |
| F01.030.105B | 1-MCR-KC-556 | KC | 09/16/2002 | REC | --- | N | N | |
| F01.030.106B | 1-MCR-KC-561 | KC | 09/16/2002 | REC | --- | N | N | |
| F01.030.111A | 1-MCA-KC-1091 | KC | 08/20/2002 | CLR | --- | N | N | |
| F01.030.121B | 1-MCR-KC-557 | KC | 09/16/2002 | CLR | --- | N | N | |
| F01.030.123B | 1-MCA-KC-1090 | KC | 08/21/2002 | CLR | --- | N | N | |
| F01.030.124B | 1-MCA-KC-2190 | KC | 08/20/2002 | CLR | --- | N | N | |
| F01.030.140B | 1-MCA-KC-2169 | KC | 08/20/2002 | CLR | --- | N | N | |
| F01.030.141B | 1-MCA-KC-2232 | KC | 08/21/2002 | REC | --- | N | N | |
| F01.030.155A | 1-MCA-KD-121 | KD | 08/05/2002 | CLR | --- | N | N | |
| F01.030.161C | 1-MCA-LD-65 | LD | 08/26/2002 | CLR | --- | N | N | |
| F01.030.162A | 1-MCA-LD-171 | LD | 08/26/2002 | CLR | --- | N | N | |
| F01.030.208B | 1-MCA-RN-H979 | RN | 08/21/2002 | CLR | --- | N | N | |
| F01.030.209B | 1-MCA-RN-2024 | RN | 08/27/2002 | CLR | --- | N | N | |
| F01.030.210B | 1-MCA-RN-2330 | RN | 08/27/2002 | CLR | --- | N | N | |
| F01.030.212C | 1-MCA-RN-H937 | RN | 08/27/2002 | CLR | --- | N | N | |

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| ITEM NUMBER | ID NUMBER | SYSTEM | INSP DATE | INSP STATUS | INSP LIMITED | GEO REF | RFR | COMMENTS |
|--------------|-------------------|--------|------------|-------------|--------------|---------|-----|--|
| F01.030.213A | 1-MCA-RN-2240 | RN | 08/27/2002 | CLR | --- | N | N | |
| F01.030.214A | 1-MCA-RN-1260 | RN | 08/26/2002 | CLR | --- | N | N | |
| F01.040.007 | 1RHRHX-SUPPORT-1A | ND | 09/03/2002 | CLR | --- | N | N | |
| F01.040.008 | 1CSHX-SUPPORT-1A | NS | 09/03/2002 | CLR | --- | N | N | |
| F01.040.009 | 1REGHX-SUPPORT | NV | 09/14/2002 | CLR | --- | N | N | |
| F01.040.037 | 1CRAC-SUPPORT-1 | YC | 09/03/2002 | CLR | --- | N | N | |
| F01.040.038 | 1CRAP-SUPPORT-1 | YC | 09/03/2002 | CLR | --- | N | N | |
| F01.040.041 | 1CRAAHU-SUPPORT-1 | YC | 09/03/2002 | CLR | --- | N | N | |
| G04.001.001 | 1RPV1-462A-SE | | 09/23/2002 | CLR | --- | N | N | |
| G04.001.002 | 1RPV1-462B-SE | | 09/23/2002 | CLR | --- | N | N | |
| G04.001.004 | 1RPV1-462D-SE | | 09/23/2002 | CLR | --- | N | N | |
| R01.011.013 | 1NC1FW19-1 | NC | 09/26/2002 | CLR | --- | N | N | |
| R01.011.014 | 1NC1F2592 | NC | 09/26/2002 | CLR | --- | N | N | |
| R01.011.020 | 1NC91-2 | NC | 09/24/2002 | CLR | --- | N | N | |
| R01.011.021 | 1NC92-2 | NC | 09/26/2002 | CLR | --- | N | N | |
| R01.011.022 | 1NC138-1 | NC | 09/25/2002 | REC | --- | N | N | |
| R01.011.026 | 1RPV1-462C-SE | NC | 09/23/2002 | CLR | 74.62% | N | Y | Reference RFR 02-004 and Code Case N-460 |
| R01.011.027 | 1NC1F1664 | NC | 09/17/2002 | CLR | --- | N | N | |
| R01.011.142 | 1NV1FW172-28 | NV | 09/11/2002 | CLR | --- | N | N | |
| R01.011.144 | 1NV1FW175-34 | NV | 09/11/2002 | CLR | --- | N | N | |
| R01.011.145 | 1NV1FW173-29 | NV | 09/11/2002 | CLR | --- | N | N | |
| R01.011.147 | 1NV1FW181-25 | NV | 09/11/2002 | CLR | --- | N | N | |
| R01.011.148 | 1NV1FW181-24 | NV | 09/11/2002 | CLR | --- | N | N | |
| R01.011.170 | 1NV1F4823 | NV | 09/11/2002 | CLR | --- | N | N | |
| R01.011.201 | 1RV1F104 | RV | 09/12/2002 | CLR | --- | N | N | |
| R01.013.001 | 1RV1F104 | RV | 09/12/2002 | CLR | --- | N | N | |

4.1 Reportable Indications

There were no reportable indications for the examinations associated with this report period.

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. There were no corrective actions for the examinations associated with this report period.

4.3 Corrective Measures

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

4.4 Limited Examinations

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

| <u>Item Number</u> | <u>Request for Relief Serial Number</u> |
|---------------------------|--|
| C03.030.001 | 02-004 |
| R01.011.026 | 02-004 |

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.

No items were determined to have work performed outside this report period.

| Work Order Number | Signoff Date/EOC | PIP Number |
|-------------------|------------------|------------|
| NONE | NONE | NONE |

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 McGuire Nuclear Station.

5.1 Class 1 and 2 Preservice Examinations

As required by the applicable code, Preservice Inspection (PSI) Examinations were performed on ISI Class 1 and 2 items during this report period. All Class 1 and 2 PSI examination data listed below is on file in the McGuire Nuclear Station QA Vault.

| Work Order Number | Identification Number | ISI Class | Type of Inspection |
|-------------------|-----------------------|-----------|--------------------|
| 98482730 | 1MCA-NC-769 | A | VT-3 |
| 98498120 | 1MCA-NV-H322 | B | VT-3 |
| 98484389 | 1MCR-NI-613 | A | VT-3 |
| 98484376 | 1MCR-NC-502 | A | VT-3 |
| 98441464 | RXSG-1A | A | VT-3 |
| 98541554 | 1MCR-NC-553 | A | VT-3 |
| 98484386 | 1MCR-NI-617 | A | VT-3 |
| 98484387 | 1MCR-NI-615 | A | VT-3 |
| 98484390 | 1MCR-NI-580 | A | VT-3 |
| 98484378 | 1MCR-NC-546 | A | VT-3 |
| 98419391 | MC1683-NV-01-R8B | B | VT-3 |
| 98484381 | 1MCR-NC-571 | A | VT-3 |
| 98484382 | 1MCR-NI-859 | A | VT-3 |
| 98484384 | 1MCR-NI-733 | A | VT-3 |
| 98484385 | 1MCR-NC-570 | A | VT-3 |
| 98543138 | 1MCA-ND-301 | B | VT-3 |

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

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

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order # :98543221/03
Repair Organization Job # _____

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

3b. NSM or MM #: 13646

4. (a) Identification of System: VE 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-----------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | VALVE 1VE-11 | TRW MISSION | J-6813 | 10 | N/A | 1979 | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | VALVE 1VE-11 | ANDERSON GREENWOOD & CO. | N15032 | 15 | N/A | 1982 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced valve and studs and nuts in valve flange joint.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 10/07/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-2-02 to 10-7-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-7, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/01/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98385840/06
Repair Organization Job # _____

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

3b. NSM or MM #: N/A

4. (a) Identification of System: NV 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | VALVE 1NV-124 | FISHER CONTROLS | 5921346 | 739 | N/A | 1975 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced plug assembly

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
 Owner or Owner's Designee, Title

Date 10/01/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-24-02 to 10-3-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
 Inspector's Signature

Commissions NB7728, NC853, N-I
 National Board, State, Province and Endorsements

Date 10-3, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/05/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98392305/01

Repair Organization Job #

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

3b. NSM or MM #: N/A

4. (a) Identification of System: SV 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Valve 1SV-19 | Babcock & Wilcox | 15958-2-4 | 10 | N/A | 1977 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced Plug Assembly

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 10/05/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-23-02 to 10-7-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-7, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/03/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98403285/05

Repair Organization Job #

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

3b. NSM or MM #: N/A

4. (a) Identification of System: SM 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | VALVE 1SM-95 | KEROTEST | TEG1-1 | 20402 | N/A | 1977 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced disc

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 10/03/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-2-02 to 10-3-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 10-3-, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006
2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078
- 2a. Unit: ☒1 ☐2 ☐3 ☐Shared (specify Units _____)
3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006
- 3a. Work Order #: 98419391/08
Repair Organization Job # _____
- Type Code Symbol Stamp: N/A Authorization No. N/A Expiration Date: N/A
- 3b. NSM or MM #: 13521
4. (a) Identification of System: NV 4. (b) Class of System: B
5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)
6. Identification of Components:

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Col 6 | Column 7 | Column 8 |
|---|-------------------|-------------|----------------|--------------------|----------------------|------------|---|--|
| | Name of Component | Name of Mfg | Mfg Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (yes or no) |
| A | 1MC-1683-NV-01R8A | DUKE POWER | N/A | N/A | N/A | N/A | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Modified items 11, 12 and 13 and replaced item 14.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 09/26, 2002

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-15-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 9-26, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 09/27/02
Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98438283/01
Repair Organization Job # _____

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

3b. NSM or MM #: N/A

4. (a) Identification of System: NV 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | VALVE 1NV-227 | KEROTEST | CK2-17 | 3969 | N/A | 1974 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced Disc

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 09/27, 2002

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-24-02 to 10-2-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 10-2, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/08/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98441089/04

Repair Organization Job #

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

3b. NSM or MM #: N/A

4. (a) Identification of System: NC 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their support)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Valve 1NC-1 | Crosby | N56925-00-0007 | 523 | N/A | 1978 | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | Valve 1NC-1 | Crosby | N56925-00-0004 | 28 | N/A | 1974 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work PM change out of valves

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

Pressure 2238 psig Test Temp. 558 °F
 Pressure _____ psig Test Temp. _____ °F
 Pressure _____ psig Test Temp. _____ °F

9. Remarks Leak Test was performed on class A walkdown W/O: 98441656/01

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
 Owner or Owner's Designee, Title

Date 10/08/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-19-02 to 10-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
 Inspector's Signature

Commissions NB7728, NC853, N-I
 National Board, State, Province and Endorsements

Date 10-8, 2002

CROSBYCROSBY VALVE & GAGE COMPANY
WRENTHAM, MASSFORM NV-1 FOR SAFETY AND SAFETY RELIEF VALVES
As required by the Provisions of the ASME Code RulesQ.C.-44B
NB-28DATA REPORT
Safety and Safety Relief Valves

1. Manufactured By Crosby Valve & Gage Company, 43 Kendrick Street., Wrentham, Mass. 020
6M6 HB-BP-86 Name and Address
Model No. N-56925 Order No. N-300580-A Contract Date 6/20/74

2. Manufactured For Duke Power Company
Charlotte, North Carolina Order No. A-33957
Name and Address

3. Owner Duke Power Company, 422 South Church St., Charlotte, North Carolina 28201
Name and Address

4. Location of Plant McGuire Nuclear Station Unit #1, Cowans Ford, North Carolina

5. Valve Identification 2-NC-1 Serial No. N56925-200-0004 Drawing No. DS-C-56925 Rev. 0
2.154
Type Safety Orifice Size M Pipe Size 6 Inlet 6 Outlet 6
Safety, Safety Relief, Pilot, Power Actuated Inch Inch Inch Inch
6. Set Pressure (PSIG) 2485# Rated Temperature 700

Stamped Capacity 420006#/Hr. % Overpressure 3 Blowdown (PSIG) 124

Hydrostatic Test (PSIG) Inlet 4575 Complete Valve 750

7. The material, design, construction and workmanship comply with ASME Code, Section III.
Class 1 Edition 1971 Addenda Date Winter 1972

Pressure Containing or Pressure Retaining Components

| | Serial No. Identification | Material Specification Including Type or Grade |
|---------------------------|------------------------------|--|
| a. Castings | | |
| Body | <u>N90397-32-0005</u> | <u>ASTM A-351-72 Gr. CF8M</u> <u>ASME SA-351 Gr. CF8M</u> |
| Bonnet | <u>N90353-33-0003</u> | <u>ASTM A-105-71 Gr. II</u> <u>ASME SA-105-Gr. II</u> |
| b. Bar Stock and Forgings | | |
| Support Rods | | <u>ASTM A-182-71 Gr. F</u> <u>ASME SA-182 Gr. F</u> |
| Nozzle | <u>N90399-32-0006</u> | |
| Disc Insert | <u>N90426-32-0005</u> | <u>Haynes Stellite Gr. B6</u> |
| Spring Washers Top | <u>N90350-33-0084</u> | <u>ASTM A-105-71 Gr. II</u> |
| Bottom | <u>N90350-33-0083</u> | <u>ASME SA-105 Gr. II</u> |
| Adjusting Bolt | <u>N90351-35-0038</u> | <u>ASTM A-193-70 Gr. B6</u> <u>ASME SA-193 Gr. B6</u> |
| Spindle | <u>N90354-31-0008</u> | <u>ASTM A-193-71 Gr. B6</u> <u>ASME SA-193 Gr. B6</u> |
| Spindle Ball | <u>N90355-0008</u> | <u>ASTM A-276-72 Type 440C</u> <u>ASME SA-276 Type 440C</u> |

V-690.

| | Serial No. or Identification | Material Specification Including Type or Grade |
|---|---------------------------------|--|
| c. Spring | <u>NX2671-0019</u> | <u>ASTM-A-304 Gr. 51860H</u> |
| d. Bolting | | |
| e. Other Parts such as Pilot Components | | |
| <u>Disc Holder</u> | <u>N90356-32-0008</u> | <u>Inconel 718</u> |
| <u>Bonnet Stud</u> | <u>87589</u> | <u>ASTM A-193-71 Gr. B7</u> <u>ASME SA-193 Gr. B7</u> |
| <u>Bonnet Stud Nut</u> | <u>2371</u> | <u>ASTM A-194-71 Gr. 2H</u> <u>ASME SA-194 Gr. 2H</u> |
| | | |
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We certify that the statements made in this report are correct.

Date 9-18 1974 Signed Crosby Valve & Gage Co. By [Signature]
Manufacturer

Certificate of Authorization No. 331 expires Nov. 9, 1974

Design Information on File at Crosby Valve & Gage Company
Design Report No. EC-158

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Mass. and employed by Mutual Boiler & Machinery Insurance Co. - Waltham, Mass. have inspected the equipment described in this Data Report on September 18, 1974 and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Section III.

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

Date September 18, 1974 *Factory Mutual Group of Insurance Co.

[Signature] Commissions N.B. 6065 Mass. 1090
(Inspector) National Board, State, Province and No.

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/23/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98441464
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Col 6 | Column 7 | Column 8 |
|---|----------------------------------|----------------|----------------|--------------------|---------------------------|------------|---|--|
| | Name of Component | Name of Mfg | Mfg Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (yes or no) |
| A | Control Valve for S/G Snubber 1A | Lisega USA Inc | NA | NA | Part 4, Rear Compartment | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Control Valve for S/G Snubber 1A | Lisega USA Inc | NA | NA | Part 5, Front Compartment | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | Control Valve for S/G Snubber 1A | Lisega USA Inc | NA | NA | Part 4, Rear Compartment | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| D | Control Valve for S/G Snubber 1A | Lisega USA Inc | NA | NA | Part 5, Front Compartment | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber control valves

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☒ Exempt ☐

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks Bench tested snubber control valves.

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/24/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-20-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 9-26-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/08/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98479019-09
Repair Organization Job #

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

3b. NSM or MM #: 12129

4. (a) Identification of System: SM (MAIN STEAM) 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | 1SM-16 | KEROTEST | AKA1-10 | 6981 | 1SM | 1975 | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | 1SM PIPING | Duke Power Company | N/A | 17 | 1SM | 1981 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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7. Description of Work INSTALL 2" BLANK COUPLING & DELETE VALVE 1SM-16

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

Pressure 1037 psig Test Temp. 555 °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks N-416-1 N-416-2 10/12/02 12/12/02

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Elizabeth P. Robinson ELIZABETH P. ROBINSON, EXEC. SUPPORT Date 10/08/02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 7-25-02 to 10-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-8, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/08/02
Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98479073-09
Repair Organization Job # _____

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

3b. NSM or MM #: 12129

4. (a) Identification of System: SM (MAIN STEAM) 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | 1SM-19 | KEROTEST | JH9-10 | 6981 | 1SM | 1975 | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | 1SM PIPING | Duke Power Company | N/A | 17 | 1SM | 1981 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work INSTALL 2" BLANK COUPLING & DELETE VALVE 1SM-19

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

Pressure 1037 psig Test Temp. 555 °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks N-416-1 N416-2 12/12/02 RS 12/12/02
OK 12-18-02

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Elizabeth P. Robinson ELIZABETH P. ROBINSON, EXEC. SUPPORT Date 10/08/02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 7-8-02 to 10-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-8, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/08/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98479077-10

Repair Organization Job #

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

3b. NSM or MM #: 12129

4. (a) Identification of System: SM (MAIN STEAM) 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Col 6 | Column 7 | Column 8 |
|---|-------------------|--------------------|----------------|--------------------|----------------------|------------|--|--|
| | Name of Component | Name of Mfg | Mfg Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (yes or no) |
| A | 1SM PIPING | Duke Power Company | N/A | 17 | 1SM | 1981 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input checked="" type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work INSTALL 2" BLANK COUPLING

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

Pressure 1038 psig Test Temp. 551 °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks N-416-1 N-416-2 12/12/02 12/12/02
12-12-02

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Elizabeth P. Robinson EXEC. SUPPORT Date 10/08/02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 7-8-02 to 10-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-8, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/08/02
Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98479078-07
Repair Organization Job # _____

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

3b. NSM or MM #: 12129

4. (a) Identification of System: SM (MAIN STEAM) 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | 1MCA-SM-H191 | Duke Power Company | N/A | N/A | 1SM | N/A | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | 1SM PIPING | Duke Power Company | N/A | 17 | 1SM | 1981 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work INSTALL 2" BLANK COUPLING

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

Pressure 1037 psig Test Temp. 555 °F

Pressure _____ psig Test Temp. _____ °F

Pressure _____ psig Test Temp. _____ °F

9. Remarks FOR HANGER 1MCA-SM-H191 MACHINE NEW CLAMP ON ITEM #3 AS NECESSARY.

N-416-1 N-416-2 for 12/12/02 PS 12/12/02
12-12-02

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed Elizabeth P. Robinson ELIZABETH P. ROBINSON, EXEC. SUPPORT Date 10/08/02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 7-8-02 to 10-8-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 10-8, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/29/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98482730
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NC-769 | Duke Power Company | NA | NA | Snubber SN 00130 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NC-769 | Duke Power Company | NA | NA | Snubber SN 16601 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/30/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-30-02 to 10-2-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-2-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/17/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484376

Repair Organization Job #

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NC-502 | Duke Power Company | NA | NA | Snubber SN 15117 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NC-502 | Duke Power Company | NA | NA | Snubber SN 27677 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/20/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-7-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-26-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/23/02
Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484378
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NC-546 | Duke Power Company | NA | NA | Snubber SN 14904 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NC-546 | Duke Power Company | NA | NA | Snubber SN 14914 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
 Owner or Owner's Designee, Title

Date 9/26/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-23-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
 Inspector's Signature

Commissions NB7728, NC853, N-1
 National Board, State, Province and Endorsements

Date 9-26-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/17/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484381
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NC-571 | Duke Power Company | NA | NA | Snubber SN 21753 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NC-571 | Duke Power Company | NA | NA | Snubber SN 16559 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/20/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-17-02 to 9-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-21-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/17/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484382
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Safety Injection (NI) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NI-859 | Duke Power Company | NA | NA | Snubber SN 21695 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NI-859 | Duke Power Company | NA | NA | Snubber SN 18121 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/20/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-17-02 to 9-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-21-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/17/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484384
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Safety Injection (NI) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NI-733 | Duke Power Company | NA | NA | Snubber SN 21056 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NI-733 | Duke Power Company | NA | NA | Snubber SN 21780 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/20/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-17-02 to 9-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 9-21-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/18/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484385
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NC-570 | Duke Power Company | NA | NA | Snubber SN 20913 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NC-570 | Duke Power Company | NA | NA | Snubber SN 21680 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

| | | | |
|----------------|------|------------------|----|
| Pressure _____ | psig | Test Temp. _____ | °F |
| Pressure _____ | psig | Test Temp. _____ | °F |
| Pressure _____ | psig | Test Temp. _____ | °F |

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/20/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-18-02 to 9-21-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-21-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/19/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484386
Repair Organization Job #

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

3b. NSM or MM #: NA

4. (a) Identification of System: Safety Injection (NI) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NI-617 | Duke Power Company | NA | NA | Snubber SN 20386 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NI-617 | Duke Power Company | NA | NA | Snubber SN 21567 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | Hanger 1-MCR-NI-617 | Duke Power Company | NA | NA | Snubber SN 15695 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| D | Hanger 1-MCR-NI-617 | Duke Power Company | NA | NA | Snubber SN 15853 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/24/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-19-02 to 9-24-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-24-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/20/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484387
Repair Organization Job #

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

3b. NSM or MM #: NA

4. (a) Identification of System: Safety Injection (NI) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Col 6 | Column 7 | Column 8 |
|---|------------------------|-----------------------|----------------|--------------------|----------------------|------------|---|--|
| | Name of Component | Name of Mfg | Mfg Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (yes or no) |
| A | Hanger 1-MCR-NI-615 | Duke Power Company | NA | NA | Snubber SN 15692 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NI-615 | Duke Power Company | NA | NA | Snubber SN 20953 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/24/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-20-02 to 9-24-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-24-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/21/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484389
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Safety Injection (NI) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|--------------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NI-613 | Duke Power Company | NA | NA | Snubber SN 14864 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NI-613 | Duke Power Company | NA | NA | Snubber SN 14764 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | Hanger 1-MCR-NI-613 | Duke Power Company | NA | NA | 4 3/8" Hex Cap Screws and Nuts | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber and 4 3/8" hex cap screws and nuts.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/24/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-21-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-26-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY

As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/23/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98484390

Repair Organization Job #

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

3b. NSM or MM #: NA

4. (a) Identification of System: Safety Injection (NI) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NI-580 | Duke Power Company | NA | NA | Snubber SN 20756 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NI-580 | Duke Power Company | NA | NA | Snubber SN 18035 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/26/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-23-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-26-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/05/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98492202/01

Repair Organization Job #

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

3b. NSM or MM #: N/A

4. (a) Identification of System: SM 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Valve 1SM-83 | KEROTEST | DAN3-8 | 35862 | N/A | 1983 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced Disc

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 10/05/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-30-02 to 10-6-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-I
National Board, State, Province and Endorsements

Date 10-6, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date October 6, 2002

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98492202
Repair Organization Job # _____

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

3b. NSM or MM #: N/A

4. (a) Identification of System: SM - Main Steam 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases _____
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | MC-1683 -SM-01- R2 | Duke Power | N/A | N/A | N/A | N/A | <input checked="" type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced 1/2" nut

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed [Signature] FL Grass Jr, QA Tech Specialist
Owner or Owner's Designee, Title

Date 10/10/2002

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-4-02 to 10-7-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

[Signature] R.D Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 10-7-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 09/24/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98498120/07

Repair Organization Job #

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

3b. NSM or MM #: 12564

4. (a) Identification of System: NV 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | MCA-NV-H322 | DUKE POWER | N/A | N/A | N/A | N/A | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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7. Description of Work Added items 5 and 6 and modified items 3 and 4 per MM-12564

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☒ Exempt

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
 Owner or Owner's Designee, Title

Date 09/24, 2002

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-18-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
 Inspector's Signature

Commissions NB7728, NC853, N-1
 National Board, State, Province and Endorsements

Date 9-26, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 09/30/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98536479/01
Repair Organization Job # _____

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

3b. NSM or MM #: 13532

4. (a) Identification of System: NF 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Col 6 | Column 7 | Column 8 |
|---|---------------------|-------------|----------------|--------------------|----------------------|------------|---|--|
| | Name of Component | Name of Mfg | Mfg Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (yes or no) |
| A | 1-MCR-S-NF-100-01-X | DUKE POWER | N/A | N/A | N/A | N/A | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Deleted (1) of item #6 per MM-13532

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
Owner or Owner's Designee, Title

Date 09/30/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-4-02 to 11-5-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 11-5, 2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/23/02

Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98541554
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Reactor Coolant (NC) System 4. (b) Class of System: A

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCR-NC-553 | Duke Power Company | NA | NA | Snubber SN 4082 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCR-NC-553 | Duke Power Company | NA | NA | Snubber SN 96-613461-31 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber, 3/4" rod and nuts

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist Date 9/26/02
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-25-02 to 9-26-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R D. Klein R D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-26-2002

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 10/03/02
Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98542427/03
Repair Organization Job # _____

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

3b. NSM or MM #: 13637

4. (a) Identification of System: NF 4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, N/A Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their support

6. Identification of Components:

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Col 6 | Column 7 | Column 8 |
|---|-------------------|------------------------------|----------------|--------------------|----------------------|------------|---|--|
| | Name of Component | Name of Mfg | Mfg Serial No. | National Board No. | Other Identification | Year Built | Corrected, Removed, or Installed | ASME Code Stamped (yes or no) |
| A | VALVE 1NF-229 | TRW MISSION | I-5291 | 0003 | N/A | 1978 | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| B | VALVE 1NF-229 | ANDERSON GREENWOOD CROSBY | N98331-00-0002 | 1159 | N/A | 2001 | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced valve

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☒ Other ☐ Exempt ☐

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

9. Remarks _____

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed FR Sorrow FR Sorrow, QA Tech Specialist
 Owner or Owner's Designee, Title

Date 10/03/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 10-1-02 to 10-2-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI

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

R.D. Klein
 Inspector's Signature

Commissions NB7728, NC853, N-I
 National Board, State, Province and Endorsements

Date 10-3, 2002

| | Serial No. Identification | Material Specification Including Type or Grade |
|-------------------------|------------------------------|---|
| a. Castings | | |
| Body | N98198-31-0001 | ASME SA182 GR.F316 |
| Bonnet | | |
| b. Bar Stock & Forgings | | |
| Nozzle | | |
| Disc | N98199-31-0001 | ASME SA479 TYPE 316 |
| Spring Washers | | |
| Adjusting Bolt | | |
| Spindle | | |
| c. Spring | | |
| d. Bolting | | |
| e. Other Pieces | | |
| HINGE PIN | N98351-31-0002 | ASME SA564 GR.630 |
| HINGE PIN | N98351-31-0003 | ASME SA564 GR.630 |
| BOLT | N98354-31-0001 | ASME SA193 GR.B8M |
| NUT | N97860-31-0002 | ASME SA194 GR.8M |

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this valve conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div 1 1980 Edition.

Addenda SUMMER 1980, Code Case No. — (Date) (Date)

Class 2

Date 20-APR-01 Signed Anderson Greenwood Crosby
Wrentham, MA by D.E. Tuttle
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1878 to use the NV symbol expires Sep. 30, 2001
(Date)

CERTIFICATE OF DESIGN

Design information on file at Anderson Greenwood Crosby - Wrentham, MA

Stress analysis report (Class I only) on file at —

Design specifications certified by ¹ R E. MILLER

PE State NC Reg. No 4860

Stress report certified by ¹ —

PE State — Reg. No —

¹ Signature not required - list name only.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Massachusetts and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island have inspected the pump, or valve, described in this Data Report on April 20, 2001 and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code for Nuclear Power Plant Components

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

Date 4-20, 2001

Signed Ken A. Johnston COMMISSIONS NB10289 N MA-1418
(Inspector) (Nat'l. Bd., State, Prov. and No.)

FORM NIS-2 OWNER'S REPORT FOR REPAIR / REPLACEMENT ACTIVITY
As Required By The Provisions Of The ASME Code Section XI

1. Owner Address: Duke Power Company
526 S. Church Street, Charlotte, NC 28201-1006

1a. Date 9/25/02
Sheet 1 of 1

2. Plant Address: McGuire Nuclear Station
12700 Hagers Ferry Road, Huntersville, NC 28078

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

3. Work Performed By: Duke Power Company
Address: 526 S. Church Street, Charlotte NC 28201-1006

3a. Work Order #: 98543138
Repair Organization Job # _____

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

3b. NSM or MM #: NA

4. (a) Identification of System: Residual Heat Removal (ND) System

4. (b) Class of System: B

5. (a) Applicable Construction Code: ASME III 1971 Edition, Summer and Winter Addenda, _____ Code Cases
(b) Applicable Edition of Section XI Utilized for Repair / Replacement Activity: 1995, 1996 Addenda (1992 through 1992 Addenda for Class MC and CC and their supports)

6. Identification of Components:

| | Column 1 Name of Component | Column 2 Name of Mfg | Column 3 Mfg Serial No. | Column 4 National Board No. | Column 5 Other Identification | Col 6 Year Built | Column 7 Corrected, Removed, or Installed | Column 8 ASME Code Stamped (yes or no) |
|---|-------------------------------|-------------------------|----------------------------|--------------------------------|----------------------------------|---------------------|---|--|
| A | Hanger 1-MCA-ND-301 | Duke Power Company | NA | NA | Snubber SN 27678 | NA | <input type="checkbox"/> Corrected, <input checked="" type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| B | Hanger 1-MCA-ND-301 | Duke Power Company | NA | NA | Snubber SN 19186 | NA | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input checked="" type="checkbox"/> Installed | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |
| C | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| D | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| E | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| F | | | | | | | <input type="checkbox"/> Corrected, <input type="checkbox"/> Removed, <input type="checkbox"/> Installed | <input type="checkbox"/> No <input type="checkbox"/> Yes |

Form NIS-2 (Back)

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

7. Description of Work Replaced snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☐ Other ☐ Exempt ☒

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

9. Remarks NA

(Applicable Manufacturer's Data Reports to be attached)

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date N/A

Signed H.E. Black H.E. Black, Maint. Tech Specialist
Owner or Owner's Designee, Title

Date 9/27/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSB CT have inspected the components described in this Owner's Report during the period 9-25-02 to 9-27-02; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

R.D. Klein R.D. Klein
Inspector's Signature

Commissions NB7728, NC853, N-1
National Board, State, Province and Endorsements

Date 9-27-2002

(As Required by the Provisions of the ASME Code, Section III, Div. 1) S.O. # 94.0256/02

4. Pump or Valve valve. Nominal Inlet Size 4 " Outlet Size 4 "
(inch) (inch)

5. _____
(Brief description of service for which equipment was designed)

8. Pressure Retaining Pieces

(1) For manually operated valves only.

This form (E00037) may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017

6.0 Pressure Testing

Table 6-1 shows a summary of pressure tests completed from refueling outage EOC-14 through refueling outage EOC-15. There were no relevant conditions observed during these pressure tests.

| <i>Table 6-1</i> | | |
|-----------------------------|--------------------------------|------------------------|
| <i>Examination Category</i> | <i>Test Requirement</i> | <i>Total Completed</i> |
| B-P | System Leakage Test (IWB-5220) | 1 |
| | | |
| C-H | System Leakage Test (IWC-5220) | 4 |

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

| Table 6-2 | | | | |
|-----------------------------|--------------------------------|--|--|--|
| 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) | 59 | 4 | 6.78% |

A detailed listing of the required pressure tests for the first period in the third interval is located in subsection 6.1 of this report. Results of these pressure tests are located in subsection 6.2 of this report.

6.1 Pressure Tests Required for the First Period of the Third Ten-Year Interval:

A listing of the pending Class 2 hydrostatic test required to complete the third period of the second ten-year interval is included in this section.

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

| | | |
|----------------------------|----------|---|
| Zone Number | = | The unique number assigned to track certain systems or portions of systems that make up a pressure test. |
| Boundary Drawing | = | Detail drawing of pressure test boundary. |
| Required Test | = | Type of system pressure test required |
| System Name | = | Name of pressure retaining component system. |
| Required Inspection | = | Type of visual examination required. |
| Required Procedure | = | Required inspection procedure. |
| Plan Addenda | = | Serial Number(s) of change authorizations to the ISI plan for each examination zone. |
| ASME Item Number(s) | | ASME Section XI Tables IWB-2500-1 (Class 1), IWC-2500-1 (Class 2), and IWD-2500-1 (Class 3). |
| Comments | = | Additional information if applicable. |

**Duke Power Company - McGuire Unit 1
Pressure Testing Zone Number Listing**

Outage 15

**Int = 3
Period = 1**

| Zone Number | Boundary Drawing | Required Test | System Name | Required Inspection | Required Procedure | Plan Addenda | ASME Item Number(s) | Comments |
|----------------|---------------------|------------------|----------------------|------------------------|-----------------------|-----------------|------------------------|--|
| 1NC-070L-A | MC-ISIL-1562-02.01 | Leakage | Reactor Coolant (NC) | VT-2 | QAL-15 | None | B15.50 B15.70 | ASME Section XI Code IWB-5222 (b) requires the pressure retaining boundary to extend to all Class A pressure retaining component within the system boundary for the leakage test conducted at or near the end of the interval. |

Duke Power Company - McGuire Unit 1 Pressure Testing Zone Number Listing

Outage 15

Int = 3
Period = 1

| Zone Number | Boundary Drawing | Required Test | System Name | Required Inspection | Required Procedure | Plan Addenda | ASME Item Number(s) | Comments |
|-------------|--------------------|---------------|--------------------------------|---------------------|--------------------|--------------|---|--|
| 1FW-026L-B | MC-ISIL-1571-01.00 | Leakage | Refueling Water (FW) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1KC-003L-B | MC-ISIL-1573-03.01 | Leakage | Component Cooling (KC) | VT-2 | QAL-15 | None | C7.10 C7.30 C7.70 | None |
| 1ND-019L-B | MC-ISIL-1561-01.00 | Leakage | Residual Heat Removal (ND) | VT-2 | QAL-15 | None | C2.33 C7.10 C7.30 C7.50 C7.70 | This Zone includes the VT-2 visual examination of Inlet and outlet nozzles for Residual Heat Exchanger 1A as required by Table IWC-2500-1, Category C-B, Footnote 5. |
| 1NI-039L-B | MC-ISIL-1562-03.01 | Leakage | Safety Injection (NI) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1NI-060L-B | MC-ISIL-1562-02.01 | Leakage | Safety Injection (NI) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1NV-016L-B | MC-ISIL-1554-01.02 | Leakage | Chemical & Volume Control (NV) | VT-2 | QAL-15 | None | C7.30 | None |
| | MC-ISIL-1562-01.00 | Leakage | Safety Injection (NI) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1NV-017L-B | MC-ISIL-1554-01.00 | Leakage | Chemical & Volume Control (NV) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1NV-018L-B | MC-ISIL-1554-01.02 | Leakage | Chemical & Volume Control (NV) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1NV-045L-B | MC-ISIL-1554-03.00 | Leakage | Chemical & Volume Control (NV) | VT-2 | QAL-15 | None | C7.10 C7.30 | None |

**Duke Power Company - McGuire Unit 1
Pressure Testing Zone Number Listing**

Outage 15

**Int = 3
Period = 1**

| Zone Number | Boundary Drawing | Required Test | System Name | Required Inspection | Required Procedure | Plan Addenda | ASME Item Number(s) | Comments |
|-------------|--------------------|---------------|---------------------------------|---------------------|--------------------|--------------|-------------------------|----------|
| 1NV-045L-B | | | | | | | C7.50 C7.70 | |
| 1NV-051L-B | MC-ISIL-1554-03.01 | Leakage | Chemical & Volume Control (NV) | VT-2 | QAL-15 | None | C7.30 C7.50 C7.70 | None |
| 1RN-004L-B | MC-ISIL-1574-04.00 | Leakage | Nuclear Service Water (RN) | VT-2 | QAL-15 | None | C7.30 C7.70 | None |
| 1RV-002L-B | MC-ISIL-1604-03.00 | Leakage | Containment Ventilation Cooling | VT-2 | QAL-15 | None | C7.30 C7.70 | None |

6.2 Examination Results For This Outage Cycle:

The results of each pressure test and associated VT-2 Visual Examination conducted from EOC-14 through EOC-15 are included in this section.

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

| | | |
|------------------|---|--|
| Zone Number | = | The unique number assigned to track certain systems or portions of systems that make up a pressure test. |
| Boundary Drawing | = | Detail drawing of pressure test boundary. |
| Outage | = | The number for the refueling outage cycle of this report. |
| Test Status | = | Complete or Partial. |
| Test Result | = | Clear (No Evidence Of Leakage), Reportable (Evidence Of Leakage - Not Through Wall such as packing leak), Reportable (Evidence Of Through Wall Leakage). |
| VT-2 Date | = | Date that VT-2 visual examination was performed. |

Current Interval = 3
Current Period = 1
Class = A

Duke Power Company - McGuire Unit 1
Pressure Testing VT-2 Examination Results

| Zone Number | Boundary Drawing | Outage | Test Status | Test Result | VT-2 Date |
|-------------|--------------------|--------|-------------|-------------|------------|
| 1NC-070L-A | MC-ISIL-1553-02.00 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1553-02.01 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1554-01.00 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1554-01.01 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1554-01.02 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1561-01.00 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1562-01.00 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1562-02.00 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1562-02.01 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1562-03.00 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1562-03.01 | 15 | Complete | Clear | 10/08/2002 |
| | MC-ISIL-1553-01.00 | 15 | Complete | Clear | 10/08/2002 |

Current Interval = 3
 Current Period = 1
 Class = B

Duke Power Company - McGuire Unit 1
Pressure Testing VT-2 Examination Results

| Zone Number | Boundary Drawing | Outage | Test Status | Test Result | VT-2 Date |
|-------------|--------------------|--------|-------------|-------------|------------|
| 1FW-026L-B | MC-ISIL-1571-01.00 | 15 | Complete | Clear | 09/26/2002 |
| 1KC-003L-B | MC-ISIL-1573-03.01 | 15 | Partial | Clear | 10/03/2002 |
| 1NC-070L-A | MC-ISIL-1553-01.00 | 15 | Complete | Clear | 10/08/2002 |
| 1ND-019L-B | MC-ISIL-1562-03.01 | 15 | Partial | Clear | 09/17/2002 |
| 1NI-039L-B | MC-ISIL-1562-03.01 | 15 | Partial | Clear | 09/19/2002 |
| 1NI-060L-B | MC-ISIL-1562-02.01 | 15 | Partial | Clear | 09/30/2002 |
| 1NV-016L-B | MC-ISIL-1554-01.00 | 15 | Partial | Clear | 10/09/2002 |
| | MC-ISIL-1554-01.01 | 15 | Partial | Clear | 10/09/2002 |
| | MC-ISIL-1554-01.02 | 15 | Partial | Clear | 10/09/2002 |
| | MC-ISIL-1554-03.00 | 15 | Partial | Clear | 10/09/2002 |
| | MC-ISIL-1554-03.01 | 15 | Partial | Clear | 10/09/2002 |
| | MC-ISIL-1562-01.00 | 15 | Partial | Clear | 10/09/2002 |
| | MC-ISIL-1562-03.00 | 15 | Partial | Clear | 10/09/2002 |
| 1NV-017L-B | MC-ISIL-1554-01.00 | 15 | Complete | Clear | 09/14/2002 |
| | MC-ISIL-1554-01.01 | 15 | Complete | Clear | 09/14/2002 |
| | MC-ISIL-1554-01.02 | 15 | Complete | Clear | 09/14/2002 |
| | MC-ISIL-1554-01.03 | 15 | Complete | Clear | 09/14/2002 |
| 1NV-018L-B | MC-ISIL-1554-01.02 | 15 | Partial | Clear | 09/14/2002 |
| 1NV-045L-B | MC-ISIL-1554-03.00 | 15 | Partial | Clear | 10/09/2002 |
| 1NV-051L-B | MC-ISIL-1554-03.01 | 15 | Partial | Clear | 10/09/2002 |
| 1RN-004L-B | MC-ISIL-1574-04.00 | 15 | Partial | Clear | 10/04/2002 |
| 1RV-002L-B | MC-ISIL-1604-03.00 | 15 | Complete | Recordable | 09/17/2002 |