

06-748

January 8, 2007

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

KPS/LIC/GR: R3
Docket No. 50-305
License No. DPR-43

Serial No.

DOMINION ENERGY KEWAUNEE, INC. KEWAUNEE POWER STATION 2006 INSERVICE INSPECTION SUMMARY REPORT

As required by American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Section XI, 10 CFR 50.55a, and Wisconsin Administrative Code Department of Commerce, Comm 41.55(3), various inservice inspection (ISI) examinations were performed during the 2006 refueling outage at the Kewaunee Power Station (KPS). The refueling outage took place from September 2, 2006 through October 26, 2006. This letter transmits the Inservice Inspection Summary Report as required by paragraph IWA-6230 of ASME Section XI.

Two separate ASME Section XI inservice examination programs are implemented at KPS. One program is for pressure retaining piping/vessels and component supports, and the other program is for the metal containment. The 2006 refueling outage inservice inspections met the requirements of these two distinct inspection program intervals as listed below:

- a. The second inspection year of the first period of the fourth interval for Class 1, Class 2, and Class 3 component inspections were performed. The inspections met the requirements of ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda with implementation in accordance with the KPS Fourth Ten-Year Inservice Inspection (ISI) Program 2004-2014.
- b. The second inspection year of the third period of the first interval for Class MC components inspections were performed. The inspections met the requirements of ASME Boiler and Pressure Vessel Code Section XI, 1992 Edition, 1992 Addenda with implementation in accordance with the KPS First Ten-Year Inservice Inspection (ISI) Class MC Program 1996-2006.

The following examinations and tests were performed for Class 1, Class 2, and Class 3 components and their supports:

- Reactor vessel upper and lower internals examination,
- Steam generator shell circumferential weld examination,
- Reactor coolant pump main flange bolting and Number 1 seal housing bolting examination.
- Class 1 valve bodies examination,
- Reactor coolant pump flywheel examination,
- Class 1, Class 2, and Class 3 piping and component supports and hangers examinations.
- Class 1 and Class 2 steam generator primary manway bolting, pressurizer manway bolting, flange bolting, and valve bonnet bolting examinations,
- · Class 1 system leakage test, and
- Class 2 and Class 3 system leakage tests.

The following items were examined for the Class MC reactor building containment vessel:

- Accessible surface areas,
- Circumferential weld.
- Seals and gaskets,
- Airlocks, and
- Pressure retaining components.

In addition, the following examinations were conducted in excess of ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda requirements:

- Nuclear Regulatory Commission Regulatory Guide 1.14, Revision 1, "Reactor Coolant Pump Flywheel Integrity," dated August 1975.
- Nuclear Regulatory Commission Bulletin 2003-02, "Leakage From Reactor Vessel Lower Head Penetrations and Reactor Coolant Pressure Boundary Integrity," dated August 21, 2003.

The following item was examined in accordance with KPS Technical Specifications:

Eddy current testing of steam generators.

Documentation summarizing the inservice inspection activities and results relative to the KPS 2006 refueling outage is provided in enclosures 1-9 of this letter. The final reports for each of these examinations are maintained in the Quality Assurance/Quality Control Records Vault at KPS.

The next refueling outage at KPS is tentatively scheduled for the spring of 2008.

If you have questions or require additional information, please feel free to contact Mr. Gerald Biste at 920-388-8424.

Very truly yours,

Gerald T. Bischof

Vice President - Nuclear Engineering

Enclosures

- 1. Summary of Recordable Indications (RIs) and Disposition.
- 2. Summary of Class 1 and Class 2 Repair/Replacement Activities for Components 1-Inch in Diameter or Smaller.
- 3. Form NIS-1 Owner's Report for Inservice Inspections of Class 1, Class 2, and Class 3 Components for Fourth Ten-Year Interval.
- 4. Form NIS-1 Owner's Report for Inservice Inspections for Class MC Components.
- 5. Form NIS-2 Owner's Report for Repair/Replacement Activities (46 Total).
- 6. Examination Summary for Class 1, Class 2, and Class 3 Inservice Inspection Program for Fourth Ten-Year Interval.
- 7. Examination Summary for Inservice Inspection Class MC Program For First Ten-Year Interval.
- 8. Summary of Examinations That Were Limited by Geometric, Metallurgical, or Design/Access Restrictions and Associated Data Sheets (1 Total).
- 9. Examination Summary for Steam Generator Eddy Current Testing.

Commitments made by this letter: NONE

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4352

Mr. R. F. Kuntz U.S. Nuclear Regulatory Commission Mail Stop O-7-D1A Washington, D. C. 20555

NRC Senior Resident Inspector Kewaunee Power Station

2006 INSERVICE INSPECTION SUMMARY REPORT

SUMMARY OF RECORDABLE INDICATIONS (RIS) AND DISPOSITION KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

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Enclosure 1 SUMMARY OF RECORDABLE INDICATIONS (RIs) AND DISPOSITION

| TYPE OR LOCATION OF RECORDABLE INDICATION (RI) | METHOD | NO. OF RIS |
|--|-------------------------|------------------------|
| Steam generator 1B shell circumferential weld | Volumetric (UT) | 1 weld |
| 2. Reactor vessel upper internals | Visual (VT-3) | 1 thermocouple conduit |
| 3. Valve bonnet bolting | Visual (VT-3) | 3 valves |
| 4. Flange bolting | Visual (VT-1 and VT-3) | 1 flange |
| 5. System leakage pressure tests | Visual (VT-2) | 30 items |
| 6. Reactor building containment vessel | General Visual and VT-3 | 1 plate |

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Dispositioning of Class 1, Class 2, and Class 3 indications has been completed in accordance with the rules of American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda for Fourth Ten-Year Interval examinations, and ASME Boiler and Pressure Vessel Code Section XI, 1992 Edition, 1992 Addenda for Class MC components. Applicable codes, standards, and engineering criteria were used to disposition indications associated with the non-code-required examinations. Recordable indications for Class 1, Class 2, Class 3, and Class MC have been dispositioned as summarized below:

- 1. Recordable indications were recorded on steam generator 1B circumferential girth weld SG-W10. The 43 separate indications were previously recorded during the 1996 and 2001 refueling outages. A comparison of the length, amplitude, and position of the signal response between 1996, 2001, and 2006 revealed no discernible changes, indicating that the flaws are stable and have not grown in size. Indications were acceptable either by ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda or by fracture analysis as provided in Westinghouse Electric Corporation WCAP-11476, Revision 3, "Handbook on Flaw Evaluation Kewaunee Unit 1 Steam Generator Upper Shell to Cone Weld," May 1991 and evaluation by Kewaunee Power Station (KPS) during the 1996 and 2001 refueling outages.
- 2. A recordable indication was recorded on the reactor vessel upper internals upper support plate thermocouple conduit at location C-3. The separated conduit cable was previously recorded in 1995 and 2004. The separated conduit at location C-3 showed no noticeable change in separation and was previously determined to be acceptable under the KPS corrective action program.
- 3. Visual (VT-3) indications recorded on valve bonnet bolting (3 valves) were repaired, reexamined and accepted by KPS maintenance and inservice inspection personnel and reviewed by the authorized nuclear inservice inspector.
- 4. Visual (VT-1 and VT-3) indications were recorded on a flange for RCS bypass flow. The indication involved the actual length of the flange studs versus the length called out on "Quality Part Tag." The indication was evaluated by KPS engineering personnel and found to be acceptable.
- 5. Visual (VT-2) indications recorded during system leakage pressure tests (30 items) were: (1) evaluated and accepted by KPS maintenance engineering, program engineering, or inservice inspection personnel; or (2) repaired, reexamined, and accepted by KPS maintenance engineering, program engineering, or inservice inspection personnel. The 30 items were reviewed by the authorized nuclear inservice inspector.
- 6. General Visual and VT-3 indication consisting of a 3" x 4" scab type indication located on containment plate 158. This scab type indication was accepted by engineering as a preservice surface imperfection during the 2004 refueling outage. Reexamination during the 2006 refueling outage revealed no noticeable change in the indication on containment plate 158 and was accepted by KPS structural engineering.

2006 INSERVICE INSPECTION SUMMARY REPORT

SUMMARY OF CLASS 1 AND CLASS 2 REPAIR/REPLACEMENT ACTIVITIES FOR COMPONENTS 1-INCH IN DIAMETER OR SMALLER

KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

SUMMARY OF CLASS 1 AND CLASS 2 REPAIR/REPLACEMENT ACTIVITIES OF COMPONENTS 1 INCH IN DIAMETER OR SMALLER

The following summarizes the repairs and replacements performed following the 2004 refueling outage and during the 2006 refueling outage by grinding, buffing, filing, cutting, or welding on the Class 1 and Class 2 pressure boundaries. These repairs and replacements are in addition to those itemized on the enclosed forms, "NIS-2 Owner's Report for Repair/Replacement Activity."

| COMPONENT | CLASS | REFERENCE | REPAIR/REPLACMENT METHOD |
|--|-------|-----------|---|
| 1" valve RC-46 | 2 | XK-100-10 | Welding in replacement 1" valve |
| 1" valve RC-49 | 2 | XK-100-10 | Welding in replacement 1" valve |
| 3/4" valve SI-46 | 2 | XK-100-28 | Welding in replacement 3/4" valve |
| 3/4" valve SI-39A | 2 | XK-100-28 | Welding in replacement 3/4" valve |
| 3/4" valve SI-39B | 2 | XK-100-28 | Welding in replacement 3/4" valve |
| 3/4" elbow upstream of SI-102A | 2 | XK-100-28 | Welding in replacement 3/4" piping elbow |
| 3/4" elbow upstream of SI-5A-1 | 2 | XK-100-29 | Welding in replacement 3/4" piping elbow |
| 1" valve CVC-204A | 2 | XK-100-35 | Welding in replacement 1" valve |
| 3/8" rupture disc RC-440-3 | 1 | XK-100-44 | Welding in replacement 3/8" rupture disc |
| 3/8" rupture disc RC-441-3 | 1 | XK-100-44 | Welding in replacement 3/8" rupture disc |
| 3/8" valve RC-422 | 1 | XK-100-44 | Welding in replacement 3/8" valve |
| 3/8" tubing to valves RC-403, RC-413 and RC-423 | 1 | XK-100-44 | Welding in replacement 3/8" tubing to valves RC-403, RC-413 and RC-423 |
| 1" valve BT-1B2 | 2 | M-203 | Welding in replacement 1" valve |
| 3/4" valve BT-40B | 2 | M-203 | Welding in replacement 3/4" valve |

2006 INSERVICE INSPECTION SUMMARY REPORT

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS OF CLASS 1, CLASS 2, AND CLASS 3 COMPONENTS FOR FOURTH TEN-YEAR INTERVAL KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

- 1. OWNER DOMINION ENERGY KEWAUNEE, INC. N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9511
- 2. PLANT KEWAUNEE POWER STATION, N490 HWY 42, KEWAUNEE, WISCONSIN 54216-9511
- 3. PLANT UNIT NO. 1
- 4. OWNER CERTIFICATE OF AUTHORIZATION N/A
- 5. COMMERCIAL SERVICE DATE JUNE 16, 1974
- 6. NATIONAL BOARD NUMBER FOR UNIT N/A
- 7. COMPONENTS INSPECTED -

| COMPONENT OR APPURTENANCE | MANUFACTURER OR INSTALLER | MANUFACTURER OR INSTALLER SERIAL NO. | STATE OR PROVINCE NO. | NATIONAL BOARD NO. |
|--|--|--|--------------------------|-----------------------|
| Reactor Vessel RV | Combustion Engineering | CE69202 | U11480 | 21010 |
| Replacement Reactor Vessel Closure Head | Mitsubishi Heavy Industries | B-VH-N06 | U11480 | 5845 |
| Pressurizer PZR | Westinghouse | 1151 | U11402 | 68-23 |
| Steam Generator SG- 1A | Westinghouse/ Ansaldo Energia Milano | 1141/0202 | U11400 | 68-28/151 |
| Steam Generator SG- 1B | Westinghouse/ Ansaldo Energia Milano | 1142/0201 | U11401 | 68-29/150 |
| Excess Letdown Heat Exchanger AHEL-1A | Sentry | 3996-5E | U11407 | 364 |
| Excess Letdown Heat Exchanger AHEL-1B | Sentry | 3996-6E | U11408 | 365 |
| Class 1 Piping | Texas Pipe Bending | | | |
| Reactor Coolant Pump RCP-1A | Westinghouse | 1A-1-618J871- GO1 | | ••• |
| Reactor Coolant Pump RCP-1B | Westinghouse | 1B-2-618J871- GO2 | | |

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| COMPONENT OR APPURTENANCE | MANUFACTURER OR INSTALLER | MANUFACTURER OR INSTALLER SERIAL NO. | STATE OR PROVINCE NO. | NATIONAL BOARD NO. |
|---|------------------------------|--|-----------------------|-----------------------|
| Residual Heat Exchanger AHRS1-1A | Joseph Oat and Sons | 817-1E | U11046 | 344 |
| Residual Heat Exchanger AHRS2-1B | Joseph Oat and Sons | 1817-1F | U11424 | 345 |
| Charging Pump Pulsation Dampener APD-1A | Greer Hydraulics | GNI-1848 | | |
| Charging Pump Pulsation Dampener APD-1B | Greer Hydraulics | GNI-1846 | | |
| Charging Pump Pulsation Dampener APD-1C | Greer Hydraulics | GNI-1847 | | |
| Seal Water Heat Exchanger AHSW | Atlas | 734 | U11404 | 596 |
| Volume Control Tank VCT | Joseph Oat and Sons | 1787-1C | U11425 | 376 |

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|--|------------------------------|--|--------------------------|-----------------------|
| Letdown Heat Exchanger AHLD | Atlas | 1206 | U11405 | 1031 |
| Seal Water Injection Filter AFSI-1A | Commercial Filters | 101072 | | 1172 |
| Seal Water Injection Filter AFSI-1B | Commercial Filters | 101073 | | 1173 |
| Reactor Coolant Filter AFRC | AMF Cuno | 121 | | 2616 |
| Seal Water Filter AFSW | AMF Cuno | 123 | | 2618 |
| Class 2 Piping | Texas Pipe Bending | | | |
| Charging Pump APCH-1A | Ajax Iron Works | 6578 | | |
| Charging Pump APCH-1B | Ajax Iron Works | 6576 | | |
| Charging Pump APCH-1C | Ajax Iron Works | 6577 | | |
| Charging Pump APCH-1A Suction Stabilizer | Greer Hydraulics | GH1-10234 | | 568 |

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|---|------------------------------|--|--------------------------|-----------------------|
| Charging Pump APCH-1B Suction Stablizer | Greer Hydraulics | GH1-10235 | | 569 |
| Charging Pump APCH-1C Suction Stablizer | Greer Hydraulics | GH1-10236 | | 570 |
| Residual Heat Removal Pump APRH1-1A | Byron Jackson | 681N0277 | | |
| Residual Heat Removal Pump APRH2-1B | Byron Jackson | 681N0276 | | |
| Diesel Generator AHDG-1A Cooling Water Exchangers (2) | ITT Standard Corp. | 750797-01-2 & 750797-01-3 | | |
| Diesel Generator AHDG-1B Cooling Water Exchangers (2) | ITT Standard Corp. | 750797-01-1 & 750797-01-4 | | |

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|--|--|--|--------------------------|-----------------------|
| Reactor Coolant Pump RCPC-1A Lube Oil Cooler | Perfex Corporation | 723701-1 | | 4014 |
| Reactor Coolant Pump RCPC-1B Lube Oil Cooler | Senior Engineering Company | 1357901 | | |
| Class 3 Piping | Texas Pipe Bending | | | |
| Containment Fan Cooler AHCF-1A | Joy Manufacturing and American Air Filter | GF14402 | | |
| Containment Fan Cooler AHCF-1B | Joy Manufacturing and American Air Filter | GF14399 | | |
| Containment Fan Cooler AHCF-1C | Joy Manufacturing and American Air Filter | GF14401 | | |

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|---|--|--|--------------------------|-----------------------|
| Containment Fan Cooler AHCF-1D | Joy Manufacturing and American Air Filter | GF14400 | | |
| Safety Injection Pump Lube Oil Cooler AHSC-1A | Flow Serve | 21414 | _ | _ |
| Safety Injection Pump Lube Oil Cooler AHSC-1B | Borg Warner | S-96635 | | |
| Safety Injection Pump Heat Exchangers (2) AHSC-1A | Borg Warner | 854030:854030 | | |
| Safety Injection Pump Heat Exchangers (2) AHSC-1B | Borg Warner | 854030:854030 | | |
| Residual Heat Removal Pump AHRHRP-1A Shaft Seal Heat Exchanger | Flowserve | 03LEX607100/04 | | |

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|---|--------------------------------------|--|-----------------------|-----------------------|
| Residual Heat Removal Pump AHRHRP-1B Shaft Seal Heat Exchanger | Flowserve | 03LEX607100/01 | | |
| Component Cooling Pump APCC-1A | Ingersoll Dresser Pump Flow Serv. | 0600009 | _ | |
| Component Cooling Pump APCC-1B | Ingersoll Dresser Pump Flow Serv. | 0600010 | | _ |
| Service Water Pump APSW-1A1 | Worthington Pump | VTP27737 | | _ |
| Service Water Pump APSW-1A2 | Worthington Pump | 75 TU-1719-1 | *** | *** |
| Service Water Pump APSW-1B1 | Worthington Pump | VTP27736 | | |
| Service Water Pump APSW-1B2 | Worthington Pump | VTP27738 | | |
| Spent Fuel Pool Heat Exchanger AHSF | Struther Wells | 1-68-06-1519 | U11445 | |

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|--|-------------------------------|--|--------------------------|-----------------------|
| Service Water Pump Strainer ASSW-1A1 | S.P. Kinney Engineers | 2278 | _ | |
| Service Water Pump Strainer ASSW-1A2 | S.P. Kinney Engineers | 2279 | | |
| Service Water Pump Strainer ASSW-1B1 | S.P. Kinney Engineers | 2280 | | |
| Service Water Pump Strainer ASSW-1B2 | S.P. Kinney Engineers | 2281 | | |
| Component Cooling Heat Exchanger AHCC1-1A | Engineers and Fabricators Co. | S-26125 | U39499 | 3269 |
| Component Cooling Heat Exchanger AHCC2-1B | Engineers and Fabricators | S-26126 | U39500 | 3270 |
| Component Cooling Surge Tank ATCS | Sharpsville Steel | 714 | U11421 | 714 |
| Control Room Air Conditioning Unit 1A Coil | Trane Company | K1H202002 | | |

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|---|------------------------------|--|-----------------------|-----------------------|
| Control Room Air Conditioning Unit 1B Coil | Trane Company | K1H202003 | | |
| Control Room Air Conditioning Expansion Tank 1A | ITT Bell and Gosset | t | | |
| Control Room Air Conditioning Expansion Tank 1B | ITT Bell and Gosset | t 116013 | | |

FORM NIS-1 (Back)

| 8. | Examination Dates: February 16, | 2005 | to <u>October 26, 2006</u> | |
|--------------|--|---|---|---|
| 9. | Inspection Period Identification: | 1st | | |
| 10. | Inspection Interval Identification: | 4th | | |
| 11. | Applicable Edition of Section XI: | 1998 | Addenda: | 2000 |
| 12. | Date/Revision of Inspection Plan: | February 21, 20 | 006 Rev. 1 | |
| 13. | Abstract of Examinations and Tests concerning status of work required | | | a statement |
| 14. | Abstract of Results of Examinations | s and Tests. Refe | rence Tab B and Tab F | |
| 15. | | Reference Tab B ar | | |
| | Utilization of ASME Boiler and Pr | essure Vessel Code | Section XI Code Case: 1 | N-460 and N-566-1. |
| the In | rertify that a) the statements made inspection Plan as required by the form to the rules of the ASME Code ficate of Authorization No. (If application 2006) | ASME Code, Section XI. Table): Not Application Signed: Dominion | cable Expiration Dat | measures taken e: Not Applicable |
| | | Owner | | * |
| State of 16 | undersigned, holding a valid commission issor Province of wisconsin | and employed aspected the component and state that to ctive measures describe | ard of Boiler and Pressure Ves by HARTFORD STEMM s described in this Owner's Re the best of my knowledge and | eport during the period d belief, the Owner has |
| examinemploy | ning this certificate, neither the Inspector no nations, tests, and corrective measures descr yer shall be liable in any manner for any per his inspection. | ibed in this Owner's Re | port. Furthermore, neither the | e Inspector nor his |
| | Inspector's Signature | Commissions | N8 11622 ABIN WF 10 National Board, State, Provi | |
| Date: | 30 october 20_06 | | | |

2006 INSERVICE INSPECTION SUMMARY REPORT

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS FOR CLASS MC COMPONENTS

KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

- 1. OWNER DOMINION ENERGY KEWAUNEE, INC. N490 HIGHWAY 42 KEWAUNEE, WISCONSIN 54216-9511
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- 7. COMPONENTS INSPECTED -

| COMPONENT OR APPURTENANCE | MANUFACTURER OR INSTALLER | MANUFACTURER OR INSTALLER SERIAL NO. | STATE OR PROVINCE NO. | NATIONAL BOARD NO. |
|--|---------------------------------------|--|-----------------------|-----------------------|
| Reactor Building Containment Vessel | Chicago Bridge and Iron Company | C4454 | U11 423 | |
| Personnel Airlock | Chicago Bridge and Iron Company | C4454 | U11423 | |

FORM NIS-1 (Back)

| Inspection Period Identification: 3rd Inspection Interval Identification: 1st Applicable Edition of Section XI: 1992 Date/Revision of Inspection Plan: June 17, 2005 Revision Abstract of Examinations and Tests. Include a list of examination concerning status of work required for the Inspection Plan. Re | |
|--|--|
| Applicable Edition of Section XI: 1992 Date/Revision of Inspection Plan: June 17, 2005 Revision Abstract of Examinations and Tests. Include a list of examination | n 3 |
| Date/Revision of Inspection Plan: June 17, 2005 Revision Abstract of Examinations and Tests. Include a list of examination | n 3 |
| 13. Abstract of Examinations and Tests. Include a list of examination | |
| | |
| | |
| 14. Abstract of Results of Examinations and Tests. Reference Ta | ab B and Tab F |
| 15. Abstract of Corrective Measures. Reference Tab B and Tab F | |
| the Inspection Plan as required by the ASME Code, Section XI, and conform to the rules of the ASME Code, Section XI. Certificate of Authorization No. (If applicable): Not Applicable | Expiration Date: Not Applicable |
| Date: Giller 26 2006 Signed: Dominion-Kewaus Owner | nee By: Phillipic. Buken |
| CERTIFICATE OF INSERVICE INSPEC | CTION |
| I, the undersigned, holding a valid commission issued by the National Board of Boil State or Province of wiscousin and employed by Harris have inspected the components described in this O Inspection Plan and as required by the ASME Code, Section XI. | d in this Owner's Report during the period fry knowledge and belief, the Owner has |
| mospection than and as required by the ASIVIE Code, Section AI. | |
| By signing this certificate, neither the Inspector nor his employer makes any warrant examinations, tests, and corrective measures described in this Owner's Report. Furthemployer shall be liable in any manner for any personal injury or property damage owith this inspection. Commissions NB 116 | hermore, neither the Inspector nor his |

2006 INSERVICE INSPECTION SUMMARY REPORT

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITIES (46 TOTAL)

KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

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

As Required by the Provisions of the ASME Code Section XI

| 1. Owner Dominion Energy-Kewaunee Date 10/30/2006 N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Sheet 1 of 2 2. Plant Kewaunee Power Station N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Work Order 98-215433 3. Work Performed By Dominion Energy-Kewaune Type Code Sym. Stamp NA |
|--|
| 2. Plant Kewaunee Power Station N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Work Order 98-215433 |
| 2. Plant Kewaunee Power Station N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Work Order 98-215433 |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Work Order 98-215433 |
| 3. Work Performed By Dominion Energy-Kewaune Type Code Sym. Stamp NA |
| |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Authorization No. Not Applicable |
| 4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date Not Applicable |
| 5. (a) Applicable Construction Code <u>ASME SEC.III-1986</u> (c) Applicable Section XI Code Case <u>NA</u> |
| 5. (a) Applicable Construction Code ASME SEC.III-1986 (c) Applicable Section XI Code Case NA |
| (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1998 Edition 2000 Addenda |
| 6. Identification of Components |
| C. Identification of Components |
| |
| |
| Corrected, ASM |
| Name of Name of Manufacturer National Other Year Removed, or Code Component Manufacturer Serial No. Board No. ID Built Installed Stamp |
| Name of Name of Manufacturer National Other Year Removed, or Code |
| Name of Name of Manufacturer National Other Year Removed, or Code Component Manufacturer Serial No. Board No. ID Built Installed Stamp CVC-6 FLOWSERVE O4-BGF NA CS002-016 2006 INSTALLED N CORPORATION 7. Description of Work INSTALL REPLACEMENT CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE CVC-6 AND |
| Name of Name of Manufacturer National Other Year Removed, or Code Component Manufacturer Serial No. Board No. ID Built Installed Stamp CVC-6 FLOWSERVE 04-BGF NA CS002-016 2006 INSTALLED N CORPORATION |
| Name of Name of Manufacturer National Other Year Removed, or Code Component Manufacturer Serial No. Board No. ID Built Installed Stamp CVC-6 FLOWSERVE O4-BGF NA CS002-016 2006 INSTALLED N CORPORATION 7. Description of Work INSTALL REPLACEMENT CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE CVC-6 AND |
| Name of Name of Manufacturer National Other Year Removed, or Code Component Manufacturer Serial No. Board No. ID Built Installed Stamp CVC-6 FLOWSERVE O4-BGF NA CS002-016 2006 INSTALLED N CORPORATION 7. Description of Work INSTALL REPLACEMENT CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE CVC-6 AND CONNECTING 2" SOCKET WELDS. |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 10/30/2006

Name of Component: CVC-6 Work Order Number: 98-215433

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Instruce Impection ProgramOwner Date November 7 ,20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEBOS to 2600 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

ames W (cemera Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

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

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dor</u> | ninion Energy-Kewaunee | | | | Date <u>11/</u> | 06/2006 | |
|---------------------|-------------------------------------|---------------------|--------------------|------------------|-----------------|---------------------------|--------------|
| <u>N49</u> | 00 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant Kev | vaunee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| | 00 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Orde | er <u>02-002234</u> | |
| 3. Work Perfor | med By <u>Dominion Energy-K</u> | ewaune | | | Type Code | Sym. Stamp <u>NA</u> | |
| | | Kewaunee, Wisconsir | 1 54216-9511 | | Authorizat | ion No. Not Applica | ahle |
| | | | | | | | |
| 4. Identification | of System <u>06</u> Class <u>2</u> | MAIN STEAM AN | D STEAM DUMP | | Expiration | Date Not Applicat | <u>ole</u> |
| 5. (a) Applicab | le Construction Code B31.1-1 | 967 | (c | c) Applicable Se | ction XI Co | de Case <u>NA</u> | |
| (b) Applicab | le Edition of Section XI Used f | or Repair/Replaceme | nt Activity 1998 E | Edition 2000 Add | lenda | | |
| 6 Identification | of Components | | | | | | |
| o. identification | of Components | | | | | | |
| | | | | | | | |
| Name of | Name of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Component | Manufacturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| SD-3B | FISHER CONTROLS CO. | 4950742 | NA | SD022-002 | 1969 | CORRECTED | N |
| · | | | | | | | · |
| | | | | | | | |
| 7. Description of | of Work CORRECT DUE TO VALVE SD-3B. | LEAKAGE PAST TH | HE SEAT CLASS 2 | MAIN AUXILIA | RY STEAM | M AND STEAM DU | MP SYSTEM 6" |
| | VALVE SD-3B. | | | | | | |
| | | | | | | | |
| 8. Tests condu | cted Hydrostatic | Pneumat | ic Nor | minal Operating | Pressure | X Exe | mpt |
| | Other | Pressure | <u>983</u> psi | Test Te | mp. <u>543</u> | deg. F | |
| | | | | | | | |
| | | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

9 Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 11/06/2006

Name of Component: SD-3B

Work Order Number: 02-002234

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C Bukes Inservee Inspection Program Owner Date November 7, 20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEB 05 to 260cT06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

umes a Mainey Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

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

As Required by the Provisions of the ASME Code Section XI

| 1. Owner D | ominion Ener | gy-Kewaunee | | | | Date <u>03</u> | /18/2005 | |
|------------------------------|-----------------|--|----------------------------|-----------------------|-----------------|----------------|--|-------------------------|
| | | 42, Kewaunee, Wis | consin 54216-9511 | | | Sheet | 1 of 2 | |
| | | | | | | • | o. <u>1</u> | |
| 2. Plant K | ewaunee Pov | <u>rer Station</u> | | | | Offic 130 | 2 ' | |
| N | 490 Highway | 42, Kewaunee, Wis | consin 54216-9511 | | | Work Ord | er <u>04-007183</u> | |
| 3. Work Perf | formed By [| Dominion Energy-Ke | waune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | 1 | 1490 Highway 42, K | ewaunee, Wisconsi | n 54216-9511 | | Authoriza | tion No. Not Applic | able |
| 4. Identificati | ion of System | <u>35</u> Class <u>2</u> | CHEMICAL AND | VOLUME CONTR | <u>OL</u> | Expiration | Date Not Applicat | ole |
| 5. (a) Applica | able Construc | tion Code ASME III | CLASS C | (0 | :) Applicable S | Section XI Co | ode Case <u>NA</u> | |
| (b) Applica | able Edition of | Section XI Used fo | r Repair/Replaceme | ent Activity 1998 E | dition 2000 A | ddenda | | |
| . , | | | , , | - | | | | |
| 6. Identificati | ion of Compo | ents | | | | | | |
| Name of Component | Name Manufac | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| AHLD (CLA 2) | SS ATLAS | | 1206 | 1031 | 00060 | 1970 | INSTALLED | Y |
| 7. Description 8. Tests cond | Ē | REPLACED 19 STUI IEAT EXCHANGER Hydrostatic Other | DS AND 38 NUTS C | tic Nor | ninal Operatin | | | empt X |
| 9. Remarks | NOT APPLI | CABLE. | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 03/18/2005

Name of Component: AHLD (CLASS 2)

Work Order Number: 04-007183

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Buken Instruce Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Dames W. Mciemery Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and

National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

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

As Required by the Provisions of the ASME Code Section XI

| | | *************************************** | | | | | | |
|--------------|-------------------|---|-------------------------------|-------------------|------------------|-----------------|---------------------------|--------------|
| 1. Owner | Dominion Ener | gy-Kewaunee | | | | Date <u>10/</u> | 16/2006 | |
| | N490 Highway | 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet _ | <u>l</u> of <u>2</u> | |
| 2. Plant | Kewaunee Pov | wer Station | | | | Unit No | <u>. 1</u> | |
| 2. 1 10111 | | | sconsin 54216-9511 | | | Work Orde | er <u>04-008470</u> | |
| 2 Mad. D | | Daminian 5 K | | | | Type Cod | e Sym. Stamp NA | |
| 3. WORK P | | Dominion Energy-K | ewaune Kewaunee, Wisconsin | 54216 0511 | | , | | |
| | | 1490 Highway 42, 1 | vewaunee, wisconsin | 34210-3311 | | Authorizat | ion No. <u>Not Applic</u> | <u>able</u> |
| 4. Identific | ation of System | <u>33</u> Class <u>2</u> | SAFETY INJECTION | <u> </u> | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) App | licable Construc | ction Code B16.5-1 | 967 | (6 | c) Applicable Se | ction XI Co | ode Case NA | |
| | | | | | | | | |
| (b) Appl | licable Edition o | Section XI Used for | or Repair/Replacemen | t Activity 1998 E | Edition 2000 Add | lenda | | |
| 6. Identific | ation of Compo | nents | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Name of | Name | of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Compone | nt Manufa | cturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| SI-300A | CRANE | COMPANY | 546K116878BN | NA | SI007-001 | 1972 | CORRECTED | N |
| | | | | | **** | ···· | | |
| | | | | | | | | |
| 7. Descript | | | O BONNET LEAK ON | | | SYSTEM | 10" VALVE SI-300A | REPLACED |
| | | 6 VALVE BONNET | STUDS AND 32 VAL | VE BONNET NU | ITS. | | | |
| | | | | | | | | |
| 8. Tests co | onducted | Hydrostatic | Pneumatio | No. | minal Operating | Pressure | X Exe | mpt |
| | | Other | Pressure | 105 psi | Test Te | mn 8 | O deg. F | |
| | | ~v | 1 1033416 | <u>.00</u> p3 | 163116 | p. <u>ot</u> | <u>.</u> ucg. 1 | |
| | | | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 10/16/2006

Name of Component: SI-300A Work Order Number: 04-008470

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C Bulker I mensice Impection Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FF8 05 to 26 00.706, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

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

National Board, State, Province, and Endorsements

7 NOVEMBER 20 06 Date

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

As Required by the Provisions of the ASME Code Section XI

| 1. Owner | Dominion Energy-Kewaunee | | | | Date <u>10/</u> | 31/2006 | _ |
|------------------------------|--------------------------------------|----------------------------|-----------------------|---|-----------------|--|-------------------------|
| | N490 Highway 42, Kewaunee, \ | <u> </u> | | | Sheet 1 | <u>1</u> of <u>2</u> | |
| 0.54 | | | | | Unit No | o. 1 | |
| | Kewaunee Power Station | AF 1- 54040 0544 | | | | | |
| | N490 Highway 42, Kewaunee, \ | <u> </u> | | | vvork Ord | er <u>04-008627</u> | |
| 3. Work Pe | rformed By Dominion Energy | -Kewaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42 | R. Kewaunee, Wiscons | in 54216-9511 | | Authorizat | tion No. Not Applic | <u>able</u> |
| 4. Identifica | ition of System 33 Class | 2 SAFETY INJECT | TON | | Expiration | Date Not Applical | <u>ole</u> |
| 5. (a) Appli | cable Construction Code <u>B31.1</u> | -1967 | ((| c) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (b) Appli | cable Edition of Section XI Used | for Repair/Replaceme | ent Activity 1998 E | Edition 2000 A | ddenda | | |
| Name of | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| | | | | | | | |
| RSI-H99 | ITT GRINNELL VALVE COMPANY | NA | NA | NA | 1967 | INSTALLED | N |
| 7. Descripti 8. Tests co. | LEAK. | CEMENT CLASS 2 SA Pneuma | atic No. | SYSTEM 2" H minal Operatin Test 7 | g Pressure | | 9 DUE TO OIL |
| 9. Remarks | NOT APPLICABLE. | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 10/31/2006

Name of Component: RSI-H99 Work Order Number: 04-008627

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bulles Inservine Inspection ProgramuCuner Date November 7 ,20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period /6FE805 to 3604706, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

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

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Do</u> | minion Energy-Ke | waunee | | | | Date <u>10/</u> | / <u>30/2006</u> | |
|----------------------|-------------------------------------|----------------------------|---------------------------------|-----------------------|------------------|-----------------|--|-------------------------|
| <u>N4</u> | 90 Highway 42, K | ewaunee, Wis | sconsin 54216-9511 | | | Sheet _ | <u>1</u> of <u>2</u> | |
| 2. Plant Ke | waunee Power St | ation | | | | Unit <u>No</u> | <u>o. 1</u> | |
| | | | sconsin 54216-9511 | | | Work Orde | er <u>04-013277</u> | |
| | | | | | | Tuna Cad | a Cum Stamm NA | |
| 3. Work Perfo | | ion Energy-Ke | | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | <u>N490 I</u> | Highway 42, F | (ewaunee, Wiscons | in 54216-9511 | | Authorizat | tion No. Not Applic | <u>able</u> |
| 4. Identificatio | n of System 35 | Class 2 | CHEMICAL AND | VOLUME CONTR | <u>OL</u> | Expiration | Date Not Applicat | <u>ole</u> |
| 5. (a) Applicat | ble Construction C | ode <u>ASME S</u> | EC. III-1986 | (0 | c) Applicable Se | ction XI Co | ode Case <u>NA</u> | |
| (h) Applicat | ale Edition of Sect | on YI Head fo | or Repair/Replaceme | ant Activity 1998 F | Edition 2000 Ada | londo | | |
| (5) (5) | 510 20111011 01 0001 | O. 71 0000 10 | и перапитериости | 1000 E | .anon 2000 / lac | iciida | | |
| 6. Identificatio | n of Components | | | | | | | |
| | | | | | | | | |
| Name of Component | Name of Manufacturer | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| CVC-201A | FLOWSERVE | | 03-BGF | NA | CS002-006 | 2006 | INSTALLED | N |
| | CORPORATIO | N | | | | | | |
| 7. Description | of Work <u>INSTA</u> <u>CONN</u> | LL REPLACE ECTING 2" Se | MENT CLASS 2 CH OCKET WELDS. | IEMICAL AND VOL | UME CONTRO | L SYSTEM | 1 2" VALVE CVC-20 | 01A AND |
| 8. Tests condu | ucted H | lydrostatic | Pneuma | itic Non | minal Operating | Pressure | X Exe | mpt |
| | • | Other | Pressure | e <u>2241</u> psi | Test Te | mp. <u>116</u> | g deg. F | |
| 9. Remarks | NOT APPLICABLI | F | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 10/30/2006

Name of Component: CVC-201A Work Order Number: 04-013277

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inservice Inspection Program Owner Date November 7 ,20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 007 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

ames Wilcomera Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements Inspector's Signature

Date 7 NOVEMBER 20 06

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

As Required by the Provisions of the ASME Code Section $\ensuremath{\mathsf{XI}}$

| 1. Owner | Dominion Energy-Kewaunee | | | | Date <u>03/</u> | 11/2005 | |
|----------------------------|--|-----------------------------------|-----------------------|---|-----------------|--|-------------------------|
| | N490 Highway 42, Kewaunee, Wis | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant | Kewaunee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| | N490 Highway 42, Kewaunee, Wis | sconsin 54216-9511 | | | Work Orde | er <u>05-000161</u> | |
| | | | | | | | |
| 3. Work Pe | erformed By <u>Dominion Energy-K</u> | | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, I | (ewaunee, Wisconsi | <u>n 54216-9511</u> | | Authorizat | ion No. Not Applic | <u>able</u> |
| 4. Identifica | ation of System 23 Class 2 | CONTAINMENT | SPRAY | | Expiration | Date Not Applicat | <u>ole</u> |
| 5. (a) Appl | icable Construction Code B31.1-1 | 9 <u>67</u> | (0 | c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (b) Anali | cable Edition of Section XI Used for | ur Banair/Banlasama | ant Antivity 1009 F | Edition 2000 A | ddonda | | |
| (b) / ppii | ouble Edition of Godion X1 03cd R | и пораши органи | 100 <u>0</u> 1 | 20007 | <u>auchuu</u> | | |
| 6. Identifica | ation of Components | | | | | | |
| | | | | | | | |
| Name of Componer | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| ICS-H9 | ITT GRINNELL VALVE CO. | NA | NA | NA | 1967 | CORRECTED | N |
| 7. Descript 8. Tests co | ion of Work CORRECT BY REPH9. Inducted Hydrostatic Other | AIRING OIL LEAK C Pneuma Pressure | tic Nor | TAINMENT SP minal Operatin Test 1 | g Pressure | | SNUBBER ICS |
| 9. Remarks | NOT APPLICABLE. | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 03/11/2005

Name of Component: ICS-H9 Work Order Number: 05-000161

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Buken I manuce Inspection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 octo6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

James W/ Cierrera Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

7 NOVEMBER 20 06 Date

As Required by the Provisions of the ASME Code Section ${\sf XI}$

| | minion Energy-Kewaunee | econein 54216 0514 | | | | 11/2005 | |
|--|--------------------------------------|----------------------------|-----------------------|--|----------------|--|-------------------------|
| <u>N48</u> | 90 Highway 42, Kewaunee, Wi | SCOTISTI 542 16-9511 | | | _ | _ of <u>2</u> | |
| 2. Plant <u>Key</u> | waunee Power Station | | | | Unit <u>No</u> | | |
| <u>N49</u> | 90 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Orde | er <u>05-000175</u> | |
| 3. Work Perfor | med By <u>Dominion Energy-K</u> | ewaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, | Kewaunee, Wisconsi | in 54216-9511 | | Authorizat | ion No. Not Applica | able |
| 4. Identification | n of System 23 Class 2 | CONTAINMENT | SPRAY | | Expiration | Date Not Applicat | ile |
| 5. (a) Applicat | ole Construction Code <u>B31.1-1</u> | 967 | (| c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (h) Applicab | le Edition of Section XI Used f | or Renair/Renlaceme | ent Activity 1998 | Edition 2000 Ac | idenda | | |
| | | . , | | · · · | · | | |
| 6. Identification | n of Components | | | | | | |
| | | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| ICS-H12 | ITT GRINNEL VALVE COMPANY | NA | NA | NA | 1967 | CORRECTED | N |
| 7 Description8. Tests condu | <u>H12.</u> | PAIRING OIL LEAK O | itic No | TAINMENT SP minal Operating Test T | g Pressure | EM 6" HYDRAULIC Exe deg. F | 1 |
| | | | | | | | |

Sheet 2 of 2

Date: 03/11/2005

Name of Component: ICS-H12 Work Order Number: 05-000175

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inserves Impution Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEBO5 to 2600TO6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

James W. X. Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board State Province and Federal

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dominion</u> | n Energy-Kewaunee | | | | Date <u>10/</u> 2 | 25/200 <u>6</u> | |
|--|---|--|--|--|---------------------------|--|-------------------------|
| N490 Hig | hway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet <u>1</u> | of <u>2</u> | |
| 2. Plant Kewaune | ee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| N490 Hig | hway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Orde | er <u>05-000185</u> | |
| 3. Work Performed I | By <u>Dominion Energy-K</u> | <u>(ewaune</u> | | | Type Code | Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, | Kewaunee, Wisconsi | n 54216-9511 | | Authorizati | on No. Not Applica | ıble |
| 4. Identification of S | ystem <u>36</u> Class <u>1</u> | REACTOR COOL | ANT | | Expiration | Date <u>Not Applicab</u> | <u>le</u> |
| 5. (a) Applicable Co | nstruction Code B16.5-1 | 967 | (c | c) Applicable Sec | tion XI Co | de Case <u>NA</u> | |
| (b) Applicable Edi | ition of Section XI Used f | or Renair/Renlaceme | ent Activity 1998 F | dition 2000 Add | enda | | |
| | | | ······································ | | <u> </u> | | |
| 6. Identification of C | omponents | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Name of N | Name of | Manufacturer | National | Other | Year | Corrected, | ASME |
| | Name of | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| Component Ma | | | | | Built | Removed, or | Code |
| Component Ma | nufacturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Component Ma | inufacturer | Serial No. | Board No. | ID RC009-002 | Built 1967 | Removed, or Installed | Code Stamped N |
| Component Ma | inufacturer | Serial No. | Board No. | ID RC009-002 | Built 1967 | Removed, or Installed | Code Stamped N |
| Component Ma | inufacturer | Serial No. | Board No. NA ANT SYSTEM 3" V | ID RC009-002 | Built 1967 DUE TO L | Removed, or Installed | Code Stamped N |
| Component Ma RC-103B VE 7. Description of Wo | inufacturer ELAN VALVE CORP. rk CORRECT CLASS | Serial No. NF 1 REACTOR COOL | Board No. NA ANT SYSTEM 3" V. | ID RC009-002 ALVE RC-103B | Built 1967 DUE TO L | Removed, or Installed CORRECTED EAKAGE FROM TH | Code Stamped N |
| Component Ma RC-103B VE 7. Description of Wo | rk CORRECT CLASS Hydrostatic | Serial No. NF 1 REACTOR COOLA Pneumal | Board No. NA ANT SYSTEM 3" V. | RC009-002 ALVE RC-103B minal Operating I | Built 1967 DUE TO L | Removed, or Installed CORRECTED EAKAGE FROM TH | Code Stamped N |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/25/2006

Name of Component: RC-103B Work Order Number: 05-000185

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inserver Impertion Program Owner Date November 7 ,20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEBOS to 36 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board State Decided National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1 Owner | Dominion Energy-Kewaunee | | | | Date <u>11/</u> | 06/2006 | |
|------------------|---|---------------------------------------|-----------------------|-------------------|-----------------|----------------------------|-----------------|
| | N490 Highway 42, Kewaunee, W | sconsin 54216-9511 | | | Sheet <u>1</u> | of <u>2</u> | |
| | | | | | Unit <u>No</u> | <u>. 1</u> | |
| | Kewaunee Power Station N490 Highway 42, Kewaunee, W | sconsin 54216-9511 | | | Work Orde | er <u>05-000417</u> | |
| 2.147. 1.2 | (| | | | Type Code | e Sym. Stamp NA | |
| 3. Work Pe | rformed By <u>Dominion Energy-k</u> | <u>lewaune</u> Kewaunee, Wisconsi | n 54216-0511 | | • | , | -h-1- |
| | 14430 Filgilway 42, | Newaginee, Wisconsi | 11 04210-0011 | | Authorizat | ion No. <u>Not Applica</u> | able |
| 4. Identifica | ation of System 06 Class 2 | MAIN STEAM AN | ID STEAM DUMP | | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Appli | icable Construction Code B31.1- | 967 | (c | c) Applicable Sec | ction XI Co | de Case <u>NA</u> | |
| /h\ ∧nnli | cable Edition of Section XI Used | for Ronair/Renlaceme | ent Activity 1998 F | Edition 2000 Add | enda | | |
| (b) Appli | cable Edition of Section XI Osca | or repairmeplaceme | 1000 E | union zooo nag | <u>ondu</u> | | |
| 6. Identifica | ation of Components | | | | | | |
| | | | | | | | |
| | | | | | | Corrected, | ASME |
| Name of Componer | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Removed, or installed | Code Stamped |
| | | | | | | CORRECTER | |
| SD-2B | WILLIAM POWELL CO. | NF | NA | SD004-002 | 1972 | CORRECTED | N |
| | | | | | | | |
| | | | | | | | |
| 7. Descripti | | D LEAKAGE PAST T D REPLACED 16 VAI | | | RY STEA | M AND STEAM DUI | MP SYSTEM 8' |
| | | | | | | | |
| 8. Tests co | inducted Hydrostatic | Pneuma | tic 🗖 Nor | minal Operating | Draccura | X Exe | mpt 🗀 |
| o. resis co | inducted hydrostatic | Filedina | iic ivor | riinai Operating | ricssuic | | |
| | Other | Pressure | 9 <u>83</u> psi | Test Te | mp. <u>54</u> : | <u>3</u> deg. F | |
| | | | | | | | |
| 9. Remarks | NOT APPLICABLE. | | | | | | |

Sheet 2 of 2

Date: 11/06/2006

Name of Component: SD-2B Work Order Number: 05-000417

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inserve Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEBOS to 260406, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Dames W. Kiernera Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and F

National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| | | | | | | _ | | |
|------------------------|-----------------|---|---|---------------------|-----------------|-----------------|---------------------------|--------------|
| 1. Owner | Dominion En | ergy-Kewaunee | | | | Date <u>10/</u> | <u>30/2006</u> | |
| | N490 Highwa | y 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet _ | <u>l</u> of <u>2</u> | |
| 2. Plant | Kewaunee Po | ower Station | | | | Unit <u>No</u> | <u>o. 1</u> | |
| 2.1 (4)11 | | y 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Ord | er <u>05-000423</u> | |
| 3. Work P | erformed By | Dominion Energy-K | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | • | | Kewaunee, Wisconsir | <u>1 54216-9511</u> | | Authorizat | ion No. Not Applic | able |
| 4. Identific | cation of Syste | m <u>35</u> Class <u>2</u> | CHEMICAL AND | VOLUME CONTRO | <u>OL</u> | | Date Not Applicat | |
| 5. (a) App | licable Constri | uction Code ASMES | SEC. III-1986 | (c |) Applicable Se | ction XI Co | ode Case <u>NA</u> | |
| (b) App | licable Edition | of Section XI Used f | or Repair/Replaceme | nt Activity 1998 F | dition 2000 Add | lenda | | |
| (=/, | | | | 1222 | | | | |
| 6. Identific | cation of Comp | onents | | | | | | |
| | | | | | | | | |
| Name of | f Nam | e of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Compone | ent Manuf | acturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| CVC-5A | | SERVE ORATION | 05-BGF | NA | CS002-013 | 2006 | INSTALLED | N |
| 7. Descrip 8. Tests of | ition of Work | INSTALL REPLACE CONNECTING 2" S Hydrostatic Other | EMENT CLASS 2 CHI OCKET WELDS. Pneumat Pressure | ic N on | UME CONTRO | Pressure | X Exe | |
| | | | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/30/2006

Name of Component: CVC-5A Work Order Number: 05-000423

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Philip C Buker Inspection Program Owner Date November 7, 20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner D | Dominion Energy-Kewaunee | | | | Date <u>10/</u> | 19/2006 | |
|----------------|---|----------------------|---------------------------------------|------------------|-----------------|---------------------------|--------------|
| <u> </u> | N490 Highway 42, Kewaunee, W | /isconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2 Din-4 | Zaviana a Davian Station | | | | Unit <u>N</u> o | v <u>. 1</u> | |
| | <u>(ewaunee Power Station</u> N490 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Work Orde | er 05-0024 <u>93</u> | |
| <u>.</u> | | | | | | | |
| 3. Work Per | - | | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, | Kewaunee, Wisconsi | <u>n 54216-9511</u> | | Authorizat | ion No. Not Applica | able |
| 4. Identificat | tion of System 35 Class 2 | CHEMICAL AND | VOLUME CONTR | OL | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Applic | cable Construction Code <u>B31.1-</u> | 1967 | (0 | c) Applicable Se | ction XI Co | de Case <u>NA</u> | |
| (h) Applic | able Edition of Section XI Used | for Renair/Renlaceme | ent Activity 1998 F | Edition 2000 Add | enda | | |
| (2) | | ,o, Kopam, topiacom | , , , , , , , , , , , , , , , , , , , | <u> </u> | <u> </u> | | |
| 6. Identificat | tion of Components | | | | | | |
| | | | | | | | |
| Name of | Name of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Component | t Manufacturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| CVC-2 | ANCHOR VALVE CO. | NF | NA | CS034-001 | 1970 | CORRECTED | N |
| | | | | | | | |
| | | | | | | | |
| 7. Description | on of Work CORRECT BODY | TO BONNET LEAK C | ON CLASS 2 CHEN | MICAL AND VOL | UME CON | TROL SYSTEM 4" | VALVE CVC-2 |
| | | | | | | | |
| | | | | | | | |
| 8. Tests con | ducted Hydrostatic | Pneuma | tic Nor | minal Operating | Pressure | X Exe | mpt |
| | Other | Pressure | e <u>137</u> psi | Test Te | mp. 90 | deg. F | |
| | LJ | | , | | , | . 3 | |
| | | | | | | | |
| 9. Remarks | NOT APPLICABLE. | | | | | | |

Sheet 2 of 2

Date: 10/19/2006

Name of Component: CVC-2 Work Order Number: 05-002493

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C Bukes Inservee Inspection Program Owner Date November 7, 20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 Feb 05 to 26 octob, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Dames (L.) Cermera Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board. State Province and

National Board, State, Province, and Endorsements

7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>[</u> | Dominion En | ergy-Kewaunee | | | | Date <u>10</u> | <u>/25/2006</u> | |
|-------------------|----------------|----------------------------|---------------------|---------------------|-----------------|-----------------|---------------------------|--------------|
| 1 | N490 Highwa | ıy 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet | <u>1</u> of <u>2</u> | |
| 2. Plant k | Kewaunee Po | ower Station | | | | Unit No | <u>5. 1</u> | |
| • | | ıy 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Ord | er <u>05-002550</u> | |
| 3. Work Per | rformed By | Dominion Energy-K | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | • | N490 Highway 42, | Kewaunee, Wiscons | in 54216-9511 | | Authoriza | tion No. Not Applic | able |
| 4. Identifica | ition of Syste | m <u>36</u> Class <u>1</u> | REACTOR COO | LANT | | | Date Not Applicat | |
| 5. (a) Applic | cable Constr | uction Code B31.1-1 | 967 | (6 | c) Applicable S | Section XI Co | ode Case <u>NA</u> | |
| (b) Applic | cable Edition | of Section XI Used f | or Repair/Replaceme | ent Activity 1998 E | Edition 2000 A | ddenda | | |
| | | | | , | | | | |
| 6. Identifica | tion of Comp | onents | | | | | | |
| | | | | | · | | | |
| Name of | Nam | e of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Componen | t Manuf | acturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| FE-459 | VICKE | RY SIMMS INC. | NF | NA | 27040 | 1970 | INSTALLED | N |
| | ···· | | | | | | | |
| 7. Description | on of Work | INSTALL 8 REPLACE | CEMENT STUDS AN | ND 16 REPLACEM | ENT NUTS O | NI CLASS 1 F | REACTOR COOLAN | IT SYSTEM 3" |
| · | | | EPLACE GASKETS | | | | | |
| | | | | | | | | |
| 8. Tests cor | nducted | Hydrostatic | Pneuma | ntic No | minal Operatir | g Pressure | X Exe | mpt |
| | | Other | Pressure | e <u>2240</u> psi | Test | Гетр. <u>54</u> | <u>7</u> deg. F | |
| | | | | | | | | |
| | | | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/25/2006

Name of Component: <u>FE-459</u>
Work Order Number: 05-002550

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed Phillip C. Bukes Insurvee Inspection Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEB of to 26 oct O6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner | Dominion Energy-Kewaunee | | | | Date <u>10/</u> | 17/2006 | |
|---------------------|-------------------------------|---------------------------------------|---------------------------------------|------------------|-----------------------|--------------------------|-----------------|
| | N490 Highway 42, Kewaune | e, Wisconsin 54216-9511 | | | Sheet 1 | <u>1</u> of <u>2</u> | |
| 2. Plant | Kewaunee Power Station | | | | Unit No | <u> 2. 1</u> | |
| | N490 Highway 42, Kewaune | e. Wisconsin 54216-9511 | | | Work Ord | er <u>05-003825</u> | |
| 3 Work Pe | erformed By Dominion Ene | rav-Kewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| o. Work i | | / 42, Kewaunee, Wisconsi | in 54216-9511 | | Authorizat | tion No. Not Applica | ablo |
| | | | | | | | |
| 4. Identifica | ation of System 33 Clas | s 2 SAFETY INJECT | <u>ION</u> | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Appl | icable Construction Code B1 | 6.5-1967 | ((| c) Applicable Se | ction XI Co | ode Case <u>NA</u> | |
| (h) Annli | cable Edition of Section XI U | sed for Renair/Renlaceme | ent Activity 1998 I | Edition 2000 Add | lenda | | |
| (2) (12) | | oca for respansi | , , , , , , , , , , , , , , , , , , , | <u> </u> | . <u>011.00</u> | | |
| 6. Identifica | ation of Components | | | | | | |
| | | | | | | | |
| | | | | | | Corrected, | ASME |
| Name of Componer | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Removed, or Installed | Code Stamped |
| SI-20B | VELAN VALVE CORF | 2. 32096 | NA | SI110-002 | 1970 | CORRECTED | N |
| 31-20B | VELAN VALVE CORP | 2. 32096 | INA | 51110-002 | 1970 | CORRECTED | N |
| | | · · · · · · · · · · · · · · · · · · · | <u> </u> | | · | | |
| 7 Descript | ion of Mork COPPECT SE | AT LEAVACE ON CLASS | 2 2 CAEETV IN IE | TION OVETEN | 17" \/\ \ \ | E C. 20D | |
| 7. Descript | ion of Work CORRECT SE | AT LEAKAGE ON CLASS | S 2 SAFETY INJEC | TION SYSTEM | 12 VALV | E SI-20B. | |
| | | | | | | | |
| 8. Tests co | nducted Hydrosta | atic Pneuma | itic No | minal Operating | Pressure | X Exe | mpt |
| | Other | Pressure | = 740 psi | Test Te | 01 | | |
| | Other | r (essuit | | | | | |
| | | | <u></u> po. | 1651 (6 | π ρ . <u>ο</u> | <u>8</u> deg. F | |

Applicable Manufacturer's Data Reports to be Attached

9 Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/17/2006

Name of Component: SI-20B

Work Order Number: 05-003825

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Insurves Inspection Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 CT 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Commissions NB 11622, I, N, B, A WIS 100131

Spector's Signature National Board, State, Province, and E

National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06 Date

As Required by the Provisions of the ASME Code Section XI

| 1. Owner Don | ninion Energy-Kewaunee | | | | Date <u>10/</u> 2 | 25/2006 | |
|----------------------|--|----------------------------------|-----------------------|----------------------------|-------------------|--|-------------------------|
| <u>N49</u> | 0 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant Kew | vaunee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| | vaunee Power Station 10 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Work Orde | er <u>05-003831</u> | |
| | | | | | | | |
| 3. Work Perfort | , | | | | Type Code | Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, | Kewaunee, Wisconsi | n 54216-9511 | | Authorizati | ion No. Not Applica | able |
| 4. Identification | of System 33 Class 1 | SAFETY INJECT | ION | | Expiration | Date Not Applicat | ile |
| 5. (a) Applicabl | le Construction Code B16.5- | 1967 | (0 | c) Applicable Se | ction XI Co | de Case <u>NA</u> | |
| (b) Applicabl | e Edition of Section XI Used | for Repair/Replaceme | ent Activity 1998 E | Edition 2000 Add | lenda | | |
| | | | - | | - | | |
| 6. Identification | of Components | | • | | | | |
| | | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| SI-303B | VELAN VALVE CORPORATION | NF | NA | SI116-004 | 1967 | CORRECTED | N |
| 7. Description o | of Work CORRECT BY SEA | AL WELDING BODY E OF LEAKAGE. | TO BONNET ON C | CLASS 1 SAFE | TY INJECT | ION SYSTEM 6" VA | ALVE SI-303B |
| 8. Tests conduc | oted Hydrostatic | Pneuma | | ninal Operating Test Te | | X Exer | mpt |

Sheet 2 of 2

Date: 10/25/2006

Name of Component: SI-303B Work Order Number: 05-003831

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bukes I manuse Impertion Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEBOS to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

7 NOVEMBER 20 06 Date

As Required by the Provisions of the ASME Code Section XI

| | | | | | | | |
|----------------------|------------------------------------|----------------------------|-----------------------|-----------------|-----------------|--|-------------------------|
| 1. Owner Do | minion Energy-Kewaunee | | | | Date <u>10/</u> | 06/2006 | |
| N4 | 90 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet 1 | <u>l</u> of <u>2</u> | |
| | | | | | Unit No | o. 1 | |
| | waunee Power Station | consin 54216 9511 | | | Work Orde | er <u>05-006098</u> | |
| <u>N4</u> | 90 Highway 42, Kewaunee, Wi | 5CONSIN 542 10-951 1 | | | VVOIR OIGE | si <u>oo ooooo</u> | |
| 3. Work Perfo | rmed By <u>Dominion Energy-K</u> | ewaune | | | Type Code | e Sym. Stamp NA | |
| | N490 Highway 42, I | Kewaunee, Wisconsi | n 54216-9511 | | Authorizat | ion No. Not Applica | able |
| 4. Identificatio | n of System 33 Class 2 | SAFETY INJECT | ION | | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applicat | ble Construction Code B31.1-1 | <u>967</u> | (| c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| | . = | | 1.4.41.11 | 5 EE - 0000 A | 1.1 | | |
| (b) Applicat | ole Edition of Section XI Used for | or Repair/Replaceme | ent Activity 1998 | Edition 2000 Ac | idenda | | |
| 6. Identificatio | n of Components | | | | | | |
| | | | | | | | |
| | <u> </u> | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| RSI-H78 | ITT GRINNELL VALVE CO | NA | NA | NA | 1967 | CORRECTED | N |
| 7. Description | of Work CORRECT DUE TO | LEAKING SEALS (| CLASS 2 SAFETY | INJECTION S | YSTEM 3" H | YDRAULIC SNUBB | ER RSJ-H78. |
| | | | | | | | |
| 8. Tests condu | ucted Hydrostatic | Pneuma | tic No | minal Operatin | g Pressure | Exe | mpt X |
| | Other | Pressure | e psi | Test T | emp. | deg. F | |
| 9. Remarks | NOT APPLICBALE. | | | | | | |

Sheet 2 of 2

Date: 10/06/2006

Name of Component: RSI-H78

Work Order Number: 05-006098

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inservee Impertum Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 000 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

ames Wiemerg Commissions NB 11622, I, N, B, A WIS 100131 Inspector's Signature

National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dominion En</u> | ergy-Kewaunee | | | | Date <u>02/</u> | 17/2006 | |
|--------------------------------|----------------------------|----------------------------|-----------------------|-----------------|-----------------|--|-------------------------|
| N490 Highwa | ay 42, Kewaunee, Wisc | onsin 54216-9511 | | | Sheet _ | <u>l</u> of <u>2</u> | |
| 2. Plant Kewaunee P | ower Station | | | | Unit <u>No</u> | <u>). 1</u> | |
| | ay 42, Kewaunee, Wisc | onsin 54216-9511 | | | Work Orde | er <u>05-008470</u> | |
| 3. Work Performed By | Dominion Energy-Key | vaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| - | N490 Highway 42, Ke | waunee, Wisconsi | n 54216-9511 | | Authorizat | ion No. Not Applica | <u>ıble</u> |
| 4. Identification of Syste | m <u>06</u> Class <u>2</u> | MAIN STEAM AN | ID STEAM DUMP | | | Date Not Applicat | ' |
| 5. (a) Applicable Constr | uction Code B31.1-196 | <u> </u> | (0 |) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (b) Applicable Edition | of Section XI Used for | Repair/Replaceme | ent Activity 1998 E | Edition 2000 Ac | ddenda | | |
| | | | | | | | |
| 6. Identification of Comp | ponents | | | | | | |
| 6. Identification of Comp | ponents | | ···· | | | Corrected | A ÇÂJE |
| Name of Nam | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| Name of Nam Component Manut | e of | | | | | Removed, or | Code |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 02/17/2006

Name of Component: MSRH-H1 Work Order Number: 05-008470

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inservice Inspection Program Owner Date November 7 ,20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 2600 o6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and B National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06 Date

As Required by the Provisions of the ASME Code Section XI

| | minion Energy-Kewaunee | | | | Date <u>10/</u> | 25/2006 | |
|--|--|--|---|--|--|--|-----------------------------------|
| <u>N49</u> | 90 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant Kev | waunee Power Station | | | | Unit <u>No</u> | <u>). 1</u> | |
| | waunee Power Station 90 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Orde | er 05 <u>-010611</u> | |
| 1175 | ou rigitaly 42, (tellaunee, vi) | 000113191 0 12 10 00 1 1 | | | - | | |
| 3. Work Perfor | rmed By <u>Dominion Energy-K</u> | <u>(ewaune</u> | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, | Kewaunee, Wisconsin | 54216-9511 | | Authorizat | ion No. Not Applica | ıble |
| | | | | | | • | |
| 4. Identification | n of System 36 Class 1 | REACTOR COOL | ANT | | Expiration | Date Not Applicab | <u>le</u> |
| 5 (a) Applicab | ole Construction Code B16.5-1 | 967 | (6 | c) Applicable Sec | ction XI Co | de Case NA | |
| 0. (a) / ppilods | 510 001131110011011 0020 <u>p10.0-1</u> | <u> </u> | (- | o, rippiioabie occ | 3.1011 7.1 00 | <u>15.1</u> | |
| (b) Applicab | ole Edition of Section XI Used f | or Repair/Replacemer | nt Activity 1998 E | dition 2000 Add | <u>enda</u> | | |
| | | | | | | | |
| C Idontification | a of Commonate | | | | | | |
| 6. Identification | n of Components | | | | | | |
| 6. Identification | n of Components | | | | | | |
| 6. Identification | n of Components | | | | | Corrected, | ASME |
| 6. Identification | n of Components Name of | Manufacturer | National | Other | Year | Corrected, Removed, or | Code |
| | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | • | _ |
| Name of | Name of | | | | Built | Removed, or | Code |
| Name of Component | Name of Manufacturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Name of Component | Name of Manufacturer MASONEILAN | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Name of Component | Name of Manufacturer MASONEILAN | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Name of Component | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A | Serial No. H-20694-1-2 ND REBUILD CLASS | NA NA 1 REACTOR CO | ID RC013-001 OLANT SYSTEM | Built 1970 M 3" VALV | Removed, or Installed CORRECTED E PS-1B WITH A RI | Code Stamped N |
| Name of Component PS-1B | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A | Serial No. H-20694-1-2 | NA NA 1 REACTOR CO | ID RC013-001 OLANT SYSTEM | Built 1970 M 3" VALV | Removed, or Installed CORRECTED E PS-1B WITH A RI | Code Stamped N |
| Name of Component PS-1B | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A | Serial No. H-20694-1-2 ND REBUILD CLASS | NA NA 1 REACTOR CO | ID RC013-001 OLANT SYSTEM | Built 1970 M 3" VALV | Removed, or Installed CORRECTED E PS-1B WITH A RI | Code Stamped N |
| Name of Component PS-1B | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A BELLOWS SEAL A | Serial No. H-20694-1-2 ND REBUILD CLASS | NA 1 REACTOR COUPPER SPOOL P | ID RC013-001 OLANT SYSTEM | Built 1970 M 3" VALV /ALVE PA | Removed, or Installed CORRECTED E PS-1B WITH A RI | Code Stamped N EPLACMENT |
| Name of Component PS-1B 7. Description | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A BELLOWS SEAL A | Serial No. H-20694-1-2 ND REBUILD CLASS ND REPLACEMENT I | Board No. NA 1 REACTOR CO UPPER SPOOL P | ID RC013-001 OLANT SYSTEM PIECE DUE TO V | Built 1970 M 3" VALV /ALVE PA | Removed, or Installed CORRECTED E PS-1B WITH A RICKING LEAK. | Code Stamped N EPLACMENT |
| Name of Component PS-1B 7. Description | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A BELLOWS SEAL A | Serial No. H-20694-1-2 ND REBUILD CLASS ND REPLACEMENT I | Board No. NA 1 REACTOR CO UPPER SPOOL P | RC013-001 OLANT SYSTEM PIECE DUE TO V | Built 1970 M 3" VALV /ALVE PA | Removed, or Installed CORRECTED E PS-1B WITH A RICKING LEAK. | Code Stamped N EPLACMENT |
| Name of Component PS-1B 7. Description | Name of Manufacturer MASONEILAN INTERNATIONAL of Work DISSASSEMBLE A BELLOWS SEAL A | Serial No. H-20694-1-2 ND REBUILD CLASS ND REPLACEMENT I | Board No. NA 1 REACTOR CO UPPER SPOOL P | RC013-001 OLANT SYSTEM PIECE DUE TO V | Built 1970 M 3" VALV /ALVE PA | Removed, or Installed CORRECTED E PS-1B WITH A RICKING LEAK. | Code Stamped N EPLACMENT |

Applicable Manufacturer's Data Reports to be Attached

9 Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/25/2006

Name of Component: PS-1B Work Order Number: 05-010611

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Philip C Buken Inservet Inserten Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FF8 05 to 26 oc 706, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| Owner Dominion Energy-Kewaunee | | | | | |
|--|-----------------------|-----------------|-----------------------------|--|-------------------------|
| | | | Date <u>10/</u> | 06/2006 | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | Sheet <u>1</u> | of <u>2</u> | |
| Plant Kewaunee Power Station N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | Unit <u>No</u> Work Orde | <u>. 1</u> er 05-010832 | |
| 1450 Highway 42, Newauliee, Wisconsin 542 (5-551) | | | | - | |
| 3. Work Performed By <u>Dominion Energy-Kewaune</u> | | | Type Code | Sym. Stamp NA | |
| N490 Highway 42, Kewaunee, Wisconsi | in 54216-9511 | | Authorizati | ion No. Not Applica | <u>ıble</u> |
| 4. Identification of System 35 Class 2 CHEMICAL AND | VOLUME CONTRO | <u>DL</u> | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applicable Construction Code <u>B31.1-1967</u> | (c) | Applicable Sec | tion XI Co | de Case <u>NA</u> | |
| (b) Applicable Edition of Section XI Used for Repair/Replacement | ent Activity 1998 Fr | dition 2000 Add | enda | | |
| (-, -, -, -, -, -, -, -, -, -, -, -, -, - | | | | | |
| 6. Identification of Components | | | | | |
| | | | | | |
| Name of Manufacturer | | | | | |
| Component Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| - Maine of | | | Built | Removed, or | Code |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE

Sheet 2 of 2

Date: 10/06/2006

Name of Component: LD-27

Work Order Number: 05-010832

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bukes Insurvice Importion Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 2600706, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

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

National Board, State, Province, and Endorsements

Date

7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner Do | ominion Energy-Kewaune | <u>e</u> | | | Date <u>11/</u> | 28/2005 | |
|----------------------|--|--|---|--------------------|---------------------------------------|--------------------------|--------------------------------------|
| <u>N</u> 4 | 490 Highway 42, Kewaun | ee, Wisconsin 54216-951 | <u>1</u> | | Sheet 1 | of <u>2</u> | |
| 2 Bloot Ko | awayna a Dawar Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| | ewaunee Power Station 490 Highway 42, Kewaun | ee. Wisconsin 54216-951 | 1 | | Work Orde | er <u>05-012911</u> | |
| <u></u> | | | - | | | | |
| 3. Work Perfo | ormed By <u>Dominion En</u> | ergy-Kewaune | | | Type Code | e Sym. Stamp NA | |
| | N490 Highwa | y 42, Kewaunee, Wiscon | sin 54216-9511 | | Authorizat | ion No. Not Applica | able |
| 4. Identification | on of System 35 Cla | ss <u>2</u> <u>CHEMICAL ANI</u> | O VOLUME CONTR | ROL | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applica | able Construction Code B | 31.1-1967 | (| c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (h) Annlica | ible Edition of Section XI t | lead for Repair/Replacem | ent Activity 1008 | Edition 2000 A | ddenda | | |
| | | , , | | | | | |
| 6. Identification | on of Components | | | | | | |
| | | | | | | Corrected, | ASME |
| | | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Removed, or Installed | Code Stamped |
| | Manufacturer | Serial No. | | | | Removed, or | Code |
| Component | Manufacturer ITT GRINNEL COMP of Work CORRECT C HYDRAULIC | Serial No. ANY NA LASS 2 CHEMICAL AND SNUBBER PADDLE BEI | Board No. NA VOLUME CONTRO NG TIGHT WITH TO | ID NA OL SYSTEM 2" | Built 1967 HYDRAULI IP. g Pressure | Removed, or installed | Code Stamped N -H186 DUE TO |

Sheet 2 of 2

Date: 11/28/2005

Name of Component: RCVC-H186 Work Order Number: 05-012911

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Philip C Bukes I marrowe Impaction Program Owner Date Nuramber 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NB 11622, I, N, B, A WIS 100131

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

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner Dor | minion Energy-Kewaunee | | | | Date <u>10</u> / | 06/2006 | |
|---|---|-------------------------------------|--------------------------------|--------------------------------|-----------------------------|--|-------------------------|
| <u>N4</u> | 90 Highway 42, Kewaunee | Wisconsin 54216-9511 | | | Sheet | <u>1</u> of <u>2</u> | |
| 2. Plant Key | waunee Power Station | | | | Unit <u>N</u> o | <u>0. 1</u> | |
| | 90 Highway 42, Kewaunee | Wisconsin 54216-9511 | | | Work Ord | er <u>05-014043</u> | |
| 3. Work Perfor | rmed By <u>Dominion Energ</u> | ıv-Kewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| 0. 110// 0//0/ | | 12, Kewaunee, Wisconsi <u>i</u> | n 54216-9511 | | Authorizat | ion No. Not Applica | hla . |
| | | | | | | | |
| 4. Identification | n of System <u>33</u> Class | 2 SAFETY INJECTI | <u>ION</u> | | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applicat | ole Construction Code B31 | .1-1967 | (6 | c) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (b) Applicab | ole Edition of Section XI Us | ed for Repair/Replaceme | nt Activity 1998 F | Edition 2000 Ad | denda | | |
| () | | | | ==00,=0 | | | |
| O 1 4 1127 11 | n of Components | | | | | | |
| b. Identification | ii oi oomponents | | | | | | |
| 6. Identification | nor components | | | | | | |
| | | Newfortung | National | 04 | | Corrected, | ASME |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| Name of | Name of | | | | | Removed, or | Code |
| Name of Component RSI-H61 | Name of Manufacturer ITT GRINNELL VALVE COMPANY | Serial No. NA | Board No. NA | ID NA | Built 1967 | Removed, or Installed CORRECTED | Code Stamped N |
| Name of Component | Name of Manufacturer ITT GRINNELL VALVE COMPANY | Serial No. | Board No. NA | ID NA | Built 1967 | Removed, or Installed CORRECTED | Code Stamped N |
| Name of Component RSI-H61 | Name of Manufacturer ITT GRINNELL VALVE COMPANY | Serial No. NA | Board No. NA | ID NA | Built 1967 | Removed, or Installed CORRECTED | Code Stamped N |
| Name of Component RSI-H61 | Name of Manufacturer ITT GRINNELL VALVE COMPANY of Work CORRECT SAF | Serial No. NA ETY INJECTION SYSTE | Board No. NA EM 6" HYDRAULIC | ID NA | Built 1967 SI-H61 DUE | Removed, or Installed CORRECTED | Code Stamped N |
| Name of Component RSI-H61 7. Description | Name of Manufacturer ITT GRINNELL VALVE COMPANY of Work CORRECT SAF | Serial No. NA ETY INJECTION SYSTE | Board No. NA EM 6" HYDRAULIC | NA NA C SNUBBER R | Built 1967 SI-H61 DUE | Removed, or Installed CORRECTED TO MISALIGNMEN | Code Stamped N |
| Name of Component RSI-H61 7. Description | Name of Manufacturer ITT GRINNELL VALVE COMPANY of Work CORRECT SAF | Serial No. NA ETY INJECTION SYSTE | Board No. NA EM 6" HYDRAULIC | NA SNUBBER R minal Operating | Built 1967 SI-H61 DUE | Removed, or Installed CORRECTED TO MISALIGNMEN Exer | Code Stamped N |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/06/2006

Name of Component: RSI-H61 Work Order Number: 05-014043

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bulga Instruce Inspection Program Owner Date Newsmber 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FcB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Dames Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsements

7 NOVEMBER 20 06 Date

As Required by the Provisions of the ASME Code Section XI

| | | | | | | | ······ |
|---|--------------------------------------|----------------------|-----------------------|-----------------|-----------------|---------------------|------------|
| 1. Owner <u>[</u> | Dominion Energy-Kewaunee | | | | Date <u>10/</u> | 05/2006 | |
| 1 | N490 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant I | Kewaunee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| - | N490 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Orde | er <u>05-014458</u> | |
| 3. Work Per | rformed By <u>Dominion Energy-</u> K | awauna | | | Type Code | e Sym. Stamp NA | |
| J. WOIR FE | • | Kewaunee, Wisconsin | n 54216-9511 | | | • - | , lad a |
| | 14450 Filghway 42. | tewagnes, wisconsii | 10-12-10-00-11 | | Authorizat | ion No. Not Applica | ible |
| 4. Identifica | ation of System 35 Class 2 | CHEMICAL AND | VOLUME CONTR | <u>OL</u> | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applic | cable Construction Code B31.1-1 | <u>967</u> | (0 | c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (h) Ammlia | achia Edition of Coatian VI Haad 6 | or Danair/Bankaama | nt Antivitus 4000 f | | dala wala | | |
| (b) Applic | cable Edition of Section XI Used f | or Repail/Replacemen | nt Activity 1996 E | dition 2000 At | odenda | | |
| 6. Identifica | ation of Components | | | | | | |
| | | | | | | | |
| | | | | | | Corrected, | ASME |
| Name of | Name of | Manufacturer | National Board No. | Other | Year | Removed, or | Code |
| Componen | nt Manufacturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| CVC-H216 | TTT GRINNEL CORP. | NA | NA | NA | 1967 | CORRECTED | N |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 7. Description | on of Work MODIFY CLASS 2 | CHEMICAL AND VOL | UME CONTROL | SYSTEM 2" S | PRING CAN | HANGER CVC-H2 | <u>16.</u> |
| 7. Description | ion of Work MODIFY CLASS 2 | CHEMICAL AND VOL | UME CONTROL | SYSTEM 2" S | PRING CAN | HANGER CVC-H2 | <u>16.</u> |
| 7. Description | ion of Work MODIFY CLASS 2 | CHEMICAL AND VOL | UME CONTROL | SYSTEM 2" S | PRING CAN | HANGER CVC-H2 | <u></u> |
| 7. Description8. Tests cor | | CHEMICAL AND VOL | _ | SYSTEM 2" S | | HANGER CVC-H2 | |
| · | | | ic Nor | | g Pressure | | |
| · | nducted Hydrostatic | Pneumat | ic Nor | ninal Operatin | g Pressure | Exe | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 10/05/2006

Name of Component: CVC-H216 Work Order Number: 05-014458

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phill of Bulkes Inservice Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct o6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| | ····· | | | | | | |
|---|-----------------------------|-------------------------------|-----------------------|--|-----------------|--|-------------------------|
| 1. Owner <u>Dominion E</u> | nergy-Kewaunee | | | | Date <u>04/</u> | 24/2006 | |
| N490 Highv | vay 42, Kewaunee, Wis | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant Kewaunee I | Power Station | | | | Unit <u>No</u> | <u>ı. 1</u> | |
| | vay 42, Kewaunee, Wis | sconsin 54216-9511 | | | Work Orde | er <u>05-014580</u> | |
| 3. Work Performed By | Dominion Energy-K | owa una | | | Type Code | e Sym. Stamp <u>NA</u> | |
| 5. Work Performed By | | ewaune (ewaunee, Wisconsir | n 54216-9511 | | • . | | ablo |
| | | | | | Authonzat | ion No. Not Applica | able |
| 4. Identification of Syst | em <u>35</u> Class <u>2</u> | CHEMICAL AND | VOLUME CONTR | <u>OL</u> | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Applicable Const | truction Code SEC.III | CL2-1980 ADD | (0 | c) Applicable Se | ection XI Co | de Case <u>NA</u> | |
| (b) Applicable Editio | n of Section XI Used fo | or Repair/Replaceme | nt Activity 1998 E | Edition 2000 Ad | denda | | |
| | | | | | | | |
| 6. Identification of Com | ponents | | | | | | |
| | | | | | | | |
| _ | ne of Ifacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| APSS-1C GREE | ER HYDRAULICS | GH1-10236 | 570 | 162-937 | 1981 | CORRECTED | Υ |
| | · | | | | | | |
| 7. Description of Work | REPAIR CLASS 2 C | HEMICAL AND VOL | UME CONTROL S | SYSTEM CHAI | RGING PUM | IP 1C SUCTION ST | ABILIZER |
| 7. Description of Work8. Tests conducted | | | ic Nor | SYSTEM CHAI ninal Operating Test T | Pressure | IP 1C SUCTION ST X Exe | |

Sheet 2 of 2

Date: 04/24/2006

Name of Component: APSS-1C Work Order Number: 05-014580

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bules Inserve Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEB 05 to 26 oct of and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and I National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| | | | | | | | |
|-----------------------|---------------------------------------|---------------------------------------|-----------------------|------------------------|-----------------|--------------------------|-----------------|
| 1. Owner <u>De</u> | ominion Energy-Kewaunee | | | | Date <u>07/</u> | <u>17/2006</u> | |
| <u>N</u> | 490 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant Ke | ewaunee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| | 490 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Work Orde | er <u>05-014608</u> | |
| 3. Work Perfe | ormed By Dominion Energy-k | (ewaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | , | Kewaunee, Wisconsi | n 54216-9511 | | Authorizat | ion No. Not Applic | able |
| 4. Identificati | on of System <u>34</u> Class <u>2</u> | RESIDUAL HEAT | T REMOVAL | | | Date Not Applicat | |
| 5. (a) Applica | able Construction Code ASME | III CLASS C | (0 | c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (b) Applica | able Edition of Section XI Used | for Renair/Panlaceme | ant Activity 1008 E | Edition 2000 A | ddenda | | |
| (a) Applica | able Edition of Section At Osea (| or Repail/Replaceme | TOOL TOOL | dilion 2000 A | <u>udenua</u> | | |
| 6. Identificati | on of Components | | | | | | |
| | | | | | | | |
| N | | | 11-4:1 | 044 | V | Corrected, | ASME |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Removed, or Installed | Code Stamped |
| AHRS2-1B (CLASS 2) | JOSEPH OAT AND SONS | 1817-1F | 345 | 00126 | 1970 | INSTALLED | Y |
| | | | | | | | |
| 7. Description | | SPECT CLASS 2 RES O EVIDENCE OF LE | | | | | |
| | AND NOTO BOL T | O EVIDENCE OF EE | NICHOL. NEFEROL | DZILANGL | 31003 AI | JATEANGE NOTO | <u>·</u> |
| 8. Tests cond | | | | | | | |
| o. resis cond | ducted Hydrostatic | Pneuma | tic Nor | minal Operatin | g Pressure | X Exe | mpt |
| o. rests cond | ducted Hydrostatic | Pressure | | minal Operatin Test | | X Exe | mpt |
| o. resis conc | | | | • | | لـــــا ا | mpt |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 07/17/2006

Name of Component: AHRS2-1B (CLASS 2)

Work Order Number: 05-014608

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bulkes Inserver Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16F6805 to 260cT06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province and

National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06 Date

As Required by the Provisions of the ASME Code Section XI

| Owner Dominion E | nergy-Kewaunee | | | | Date <u>02</u> | /20/2006 | |
|---|-----------------------------|---|-----------------------|-----------------|-------------------------------|--|-------------------------|
| | ay 42, Kewaunee, W | isconsin 54216-9511 | | | Sheet | <u>1</u> of <u>2</u> | |
| 2. Plant Kewaunee F | Power Station | | | | Unit <u>N</u> o | <u>5. 1</u> | |
| | ray 42, Kewaunee, W | isconsin 54216-9511 | | | Work Ord | er <u>06-001027</u> | |
| 3. Work Performed By | Dominion Energy-h | (ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| o. Work Chomica by | | Kewaunee, Wisconsi | in 54216-9511 | | | tion No. Not Applic | able |
| 4. Identification of Syst | em <u>34</u> Class <u>2</u> | RESIDUAL HEAT | T REMOVAL | | | Date Not Applicat | |
| 5. (a) Applicable Const | ruction Code <u>NA</u> | | ((| c) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (b) Applicable Edition | n of Section XI Used t | for Repair/Replaceme | ent Activity 1998 E | Edition 2000 A | ddenda | | |
| _ | ponents ne of lfacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| APRH1-1A BRYC | ON JACKSON | 681N0277 | NA | 00127 | 1970 | INSTALLED | N |
| 7. Description of Work8. Tests conducted | CASNG STUDS (2) | PECT CLASS 2 RES AND NUTS (2) DUE STUDS AND 2 RES Pneuma Pressure | TO EVIDENCE O | F LEAKAGE. | REPLACED 1A CASING g Pressure | 2 RESIDUAL HEAT | REMOVAL |
| | | | | | | | • |

Sheet 2 of 2

Date: 02/20/2006

Name of Component: APRH1-1A Work Order Number: 06-001027

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bulkes Inservice Inspection Program Owner Date November 7 ,20 06
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16F5805 to 260006, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner | Dominion En | ergy-Kewaunee | | | | Date <u>01/</u> | / <u>30/2006</u> | |
|---------------|-----------------|----------------------------|---------------------|---------------------|-----------------|-----------------|---------------------------|--------------|
| | N490 Highwa | y 42, Kewaunee, Wis | sconsin 54216-9511 | | | Sheet 1 | <u>1</u> of <u>2</u> | |
| 2. Plant | Кеуаппее Ро | ower Station | | | | Unit <u>N</u> o | <u>o. 1</u> | |
| | N490 Highwa | y 42, Kewaunee, Wis | consin 54216-9511 | | | Work Ord | er <u>06-001059</u> | |
| 3. Work Pe | erformed By | Dominion Energy-Ke | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | , | N490 Highway 42, k | | n 54216-9511 | | Authorizat | ion No. Not Applic | ahle |
| 4 (-1 | -1:£ 0:1 | 24 Olasa 0 | | T DEMOL/41 | | | | |
| 4. Identifica | ation of Syster | n <u>34</u> Class <u>2</u> | RESIDUAL HEA | I REMOVAL | | Expiration | Date Not Applicat | <u>ole</u> |
| 5. (a) Appl | icable Constru | iction Code B31.1-19 | <u>967</u> | (0 | c) Applicable S | Section XI Co | ode Case <u>NA</u> | |
| (b) Appli | icable Edition | of Section XI Used fo | or Repair/Replaceme | ent Activity 1998 E | Edition 2000 A | <u>ddenda</u> | | |
| C. Inlantific | -4: 4 | | | | | | | |
| 6. Identifica | ation of Comp | onents | | | | | | |
| | | | | | | | | |
| Name of | Name | e of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Componer | nt Manuf | acturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| RHR-H10 | H ITT GR | INNELL VALVE CO. | NF | NA | NA | 1967 | CORRECTED | N |
| | <u></u> | | | | | | | |
| 7. Descript | ion of Work | CORRECT CLASS 2 | RESIDUAL HEAT | REMOVAL SYSTE | M 8" HYDRAI | JLIC SNUBE | BER RHR-H10H DU | E TO MISSING |
| | | NOT. | | | | | | |
| | | | | | | | | |
| 8. Tests co | nducted | Hydrostatic | Pneuma | tic Nor | minal Operatin | g Pressure | Exe | mpt X |
| | | Other | Pressure | e psi | Test 1 | Гетр. | deg. F | |
| | | | | • | | • | 3 | |
| | | ر ا | | · | | · | 3 | |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 01/30/2006

Name of Component: RHR-H10H Work Order Number: 06-001059

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Philip C. Buken Insurine Inspection Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FFB 05 to 26 ect 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Dumes W. X cimera Commissions NB 11622, I, N, B, A WIS 100131

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

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| | | | | ····· | | | | |
|---------------------------------------|-----------------|--------------------------------|----------------------------|-----------------------|--------------------------|---|--------------------------|-----------------|
| 1. Owner <u>I</u> | Dominion Ene | ergγ-Kewaunee | | | | Date <u>02/</u> | <u>23/2006</u> | |
| ļ | N490 Highwa | y 42, Kewaunee, Wis | consin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant I | Kewaunee Po | ower Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| • | | y 42, Kewaunee, Wis | consin 54216-9511 | | | Work Orde | er <u>06-001078</u> | |
| 3. Work Pe | rformed By | Dominion Energy-Ke | ewaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | | N490 Highway 42, k | | n 54216-9511 | | Authorizat | ion No. Not Applic | able |
| 4. Identifica | ation of Syster | m <u>34</u> Class <u>2</u> | RESIDUAL HEAT | <u> FREMOVAL</u> | | | Date Not Applicat | |
| 5. (a) Applie | cable Constru | uction Code NA | | (c | :) Applicable S | ection XI Co | de Case NA | |
| | | | D : 10 1 | • | , | | | |
| (b) Applic | cable Edition | of Section XI Used fo | or Repair/Replaceme | ent Activity 1998 E | dition 2000 A | denda | | |
| 6. Identifica | ation of Comp | onents | | | | | | |
| | | | | | | | | |
| e | | | | | ····· | | Corrected, | ASME |
| Name of Componen | 144111 | e of acturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Removed, or Installed | Code Stamped |
| · · · · · · · · · · · · · · · · · · · | | | | Board No. | | Dunt | IIIstaneu | Stamped |
| APRH2-1B | BRYON | N JACKSON | 681 N 0276 | NA | 00128 | 19 70 | INSTALLED | N |
| | | | | | ····· | - · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | |
| 7. Description | on of Work | REMOVE AND INSECASING STUDS AN | | | | | | |
| | | 1B CASING STUDS | | | | | | |
| | | | | | | | | |
| 8. Tests cor | nducted | Hydrostatic | Pneuma | tic Nor | ninal Operatin | g Pressure | X Exe | mpt |
| 8. Tests cor | nducted | Hydrostatic Other | Pressure | | ninal Operatin Test 1 | - | X Exe | mpt |
| 8. Tests cor | nducted | , | | | • | - | | mpt |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 02/23/2006

Name of Component: APRH2-1B Work Order Number: 06-001078

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phellip C Bukes Inserver Inspection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Ommissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature

National Board State Providence

National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section ${\it XI}$

| | | | | | | | | |
|--------------------|-----------------------|--------------------------|--------------------|---------------------|----------------|-----------------|------------------------|-----------|
| 1. Owner <u>Do</u> | ominion Energy | -Kewaunee | | | | Date <u>10/</u> | 01/2006 | |
| <u>N4</u> | 90 Highway 42 | 2, Kewaunee, Wis | sconsin 54216-9511 | | | Sheet _ | <u>l</u> of <u>2</u> | |
| 2. Plant Ke | wa <u>unee P</u> ower | r Station | | | | Unit <u>No</u> | <u>. 1</u> | |
| | | | sconsin 54216-9511 | | | Work Ord | er <u>06-003154</u> | |
| 3. Work Perfo | ormed By Do | minion Energy-Ke | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | | | Cewaunee, Wiscons | in 54216-9511 | | Authorizat | ion No. Not Applic | able |
| | | | | | | | | - |
| 4. Identificatio | on of System | <u>34</u> Class <u>2</u> | RESIDUAL HEA | T REMOVAL | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Applical | ble Constructio | n Code <u>B31.1-19</u> | <u>967</u> | (c |) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (h) Annlinal | hla Edition of C | action VIII and fo | er Danair/Danissem | ent Activity 1998 E | :dition 2000 A | d-1 | | |
| (b) Applicat | DIE EUROR OF S | ection Al Osed id | or Repair/Replacem | SIR ACTIVITY 1996 E | dition 2000 A | <u>Juenua</u> | | |
| 6. Identificatio | on of Componer | nts | | | | | | |
| | | | | | | | | |
| | | | | | | | Corrected, | ASME |
| Name of | Name of | | Manufacturer | National | Other | Year | Removed, or | Code |
| Component | Manufactu | ırer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| RHR-H10H | ITT GRINN | IELL VALVE CO. | NF | NA | NA | 1967 | CORRECTED | N |
| | **** | | | | | | | |
| | | | | | | | | |
| 7. Description | | | | | | | BER RHR-H10H BY | ADDING |
| | LO | CTITE TO 3/4" N | UT ONTO REPLAC | EMENT BOLT ON | PIPE BRACKI | <u>ET.</u> | | |
| | | | | | | | | |
| 8. Tests condi | ucted | Hydrostatic | Pneuma | atic Nor | ninal Operatin | g Pressure | Exe | mpt X |
| | | Other | Pressur | re psi | Test 1 | Temp. | deg. F | |
| | | L | | • | | • | - | |
| | | , | | | | | | |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/01/2006

Name of Component: RHR-H10H Work Order Number: 06-003154

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Buker I manusce I repection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16Fe805 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner | Dominion Energy-Kew | vaunee | | | | Date <u>10/</u> | 17/2006 | |
|---------------------|---|-------------------------------|--|---|---|------------------------------|---|------------------------------------|
| <u> </u> | N490 Highway 42, Ke | waunee, Wisc | consin 54216-9511 | | | Sheet 1 | <u>l</u> of <u>2</u> | |
| 2. Plant | Kewaunee Power Sta | tion | | | | Unit <u>No</u> | <u>. 1</u> | |
| | N490 Highway 42, Ke | _ | consin 54216-9511 | | | Work Orde | er <u>06-003259</u> | |
| 3 Work Pe | erformed By Dominic | on Energy-Kev | waune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| C. 770 | - | | ewaunee, Wisconsin | ı 54216-9511 | | Authorizat | ion No. Not Applica | ahla |
| | | <u> </u> | | | | Authorizat | NOT NO. NOT Applica | <u>abic</u> |
| 4. Identifica | ation of System 33 | Class 2 | SAFETY INJECTI | <u>ON</u> | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Appli | icable Construction Co | ode <u>B16.5-19</u> | <u>67</u> | (0 | c) Applicable Se | ction X1 Co | ode Case <u>NA</u> | |
| (h) Annli | cable Edition of Section | n Yillead for | · Panair/Panlacamai | nt Activity 1908 F | Edition 2000 Add | denda | | |
| (p) Whhiii | cable Edition of Section | n Ar Osea lor | Nepali/Nepidocine | 11. 7.00.011y 1330 E | | <u>zenau</u> | | |
| 6. Identifica | ation of Components | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | Corrected, | ASME |
| Name of | | | Manufacturer | National | Other | Year | Removed, or | Code |
| Name of Componer | | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | • | |
| | Manufacturer VELAN VALVE | | | | | | Removed, or | Code |
| Componer | nt Manufacturer | | Serial No. | Board No. | 1D | Built | Removed, or Installed | Code Stamped |
| Componer | Manufacturer VELAN VALVE | | Serial No. | Board No. | 1D | Built | Removed, or Installed | Code Stamped |
| Componer SI-9A | Nanufacturer VELAN VALVE CORPORATION ion of Work CORRE | CT BODY TO | Serial No. 1304 DISCONNET LEAK OF | Board No. NA N CLASS 2 SAFE | SI012-001 | B uilt 1967 | Removed, or Installed | Code Stamped N |
| Componer SI-9A | Nanufacturer VELAN VALVE CORPORATION ion of Work CORRE | CT BODY TO | Serial No. | Board No. NA N CLASS 2 SAFE | SI012-001 | B uilt 1967 | Removed, or Installed CORRECTED | Code Stamped N |
| Componer SI-9A | Nanufacturer VELAN VALVE CORPORATION ion of Work CORRE | CT BODY TO | Serial No. 1304 DISCONNET LEAK OF | Board No. NA N CLASS 2 SAFE | SI012-001 | B uilt 1967 | Removed, or Installed CORRECTED | Code Stamped N |
| Componer SI-9A | VELAN VALVE CORPORATION ion of Work CORRE VALVE | CT BODY TO | Serial No. 1304 DISCONNET LEAK OF | Board No. NA N CLASS 2 SAFE E BONNET NUTS | SI012-001 | Built 1967 I SYSTEM | Removed, or Installed CORRECTED | Code Stamped N EPLACED 12 |
| SI-9A 7. Descripti | Manufacturer VELAN VALVE CORPORATION ion of Work CORRE VALVE | N CT BODY TO BONNET STI | Serial No. 1304 DISTRIBUTION SERVICE SERVICE DISTRIBUTION SERVI | NA N CLASS 2 SAFE E BONNET NUTS | SI012-001 ETY INJECTION minal Operating | Built 1967 I SYSTEM Pressure | Removed, or Installed CORRECTED 3" VALVE SI-9A. R | Code Stamped N EPLACED 12 |
| SI-9A 7. Descripti | Manufacturer VELAN VALVE CORPORATION ion of Work CORRE VALVE | ECT BODY TO BONNET STI | Serial No. 1304 DISCONNET LEAK OF UDS AND 12 VALVE Prieumat | NA N CLASS 2 SAFE E BONNET NUTS | SI012-001 ETY INJECTION | Built 1967 I SYSTEM Pressure | Removed, or Installed CORRECTED 3" VALVE SI-9A. R | Code Stamped N EPLACED 12 |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/17/2006

Name of Component: SI-9A

Work Order Number: 06-003259

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phellip C. Bultus Insurvee Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEBOS to 260006, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131
National Board, State, Province, and National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dominion E</u> | nergy-Kewaunee | | | | Date <u>10</u> | /17/2006 | |
|--|---|---|---|---|---|---|----------------------|
| N490 Highw | yay 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet | <u>1</u> of <u>2</u> | |
| 2. Plant Kewaunee F | Power Station | | | | Unit <u>No</u> | 2. 1 | |
| | ay 42, Kewaunee, Wis | sconsin 54216-9511 | | | Work Ord | er <u>06-004589</u> | |
| 3. Work Performed By | Dominion Energy-K | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, F | Kewaunee, Wisconsi | in 54216-9511 | | Authorizat | tion No. Not Applic | ahla |
| | | | | | Authorizat | HOLT NO. HOLTAPPIIC | abic |
| 4. Identification of System | em <u>34</u> Class <u>2</u> | RESIDUAL HEAT | T REMOVAL | | Expiration | Date Not Applicat | <u>ole</u> |
| 5. (a) Applicable Const | ruction Code <u>NA</u> | | ((| c) Applicable S | Section XI Co | ode Case <u>NA</u> | |
| (b) Applicable Edition | n of Section XI Used fo | or Renair/Renlaceme | ant Activity 1998 F | Edition 2000 A | ddanda | | |
| (a) / ippiloable Edition | TO GOOD THE GOOD TO | т терит терисетте | 1000 1 | <u>-0111011 2000 A</u> | doenda | | |
| 6. Identification of Com | ponents | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | ···································· | | | | | 0 | |
| Name of Nan | ne of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| 1140 | ne of facturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | |
| Component Manu | | | | | | Removed, or | Code |
| Component Manu | facturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Component Manu | facturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Component Manu APRH2-1B BRYC | facturer ON JACKSON | Serial No. 681N0276 | Board No. NA | ID 00128 | B uilt 1970 | Removed, or Installed | Code Stamped N |
| Component Manu | facturer | Serial No. 681N0276 PLACEMENT PUMP | Board No. NA CASING STUDS | 1D 00128 AND 24 REPL | Built 1970 ACEMENT F | Removed, or Installed | Code Stamped N |
| Component Manu APRH2-1B BRYC | facturer ON JACKSON INSTALLED 24 REF | Serial No. 681N0276 PLACEMENT PUMP | Board No. NA CASING STUDS | 1D 00128 AND 24 REPL | Built 1970 ACEMENT F | Removed, or Installed | Code Stamped N |
| Component Manu APRH2-1B BRYC | facturer ON JACKSON INSTALLED 24 REF | Serial No. 681N0276 PLACEMENT PUMP | Board No. NA CASING STUDS A RESIDUAL HEA | 1D 00128 AND 24 REPL | Built 1970 ACEMENT F PUMP 1B. | Removed, or Installed | Code Stamped N |
| Component Manu APRH2-1B BRYC 7. Description of Work | INSTALLED 24 REF 2 RESIDUAL HEAT | Serial No. 681N0276 PLACEMENT PUMP REMOVAL SYSTEM Pneumat | Board No. NA CASING STUDS A RESIDUAL HEA tic No. | ID 00128 AND 24 REPL T REMOVAL I | Built 1970 ACEMENT F PUMP 1B. g Pressure | Removed, or installed INSTALLED PUMP CASING NUT | Code Stamped N |
| Component Manu APRH2-1B BRYC 7. Description of Work | facturer ON JACKSON INSTALLED 24 REF 2 RESIDUAL HEAT | Serial No. 681N0276 PLACEMENT PUMP REMOVAL SYSTEM | Board No. NA CASING STUDS A M RESIDUAL HEA tic No. | ID 00128 AND 24 REPL T REMOVAL I | Built 1970 ACEMENT F PUMP 1B. g Pressure | Removed, or Installed INSTALLED PUMP CASING NUT | Code Stamped N |

9. Remarks <u>NOT APPLICABLE.</u>

Sheet 2 of 2

Date: 10/17/2006

Name of Component: APRH2-1B Work Order Number: 06-004589

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bukas Insurver Inspiriton Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 260cF06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board. State. Province, and National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06 Date

As Required by the Provisions of the ASME Code Section XI

| | inion Energy-Kewaunee | | | | Date <u>05/</u> | 19/2006 | |
|-------------------|-------------------------------------|-------------------------------------|--------------------|---|-----------------|---------------------------|--------------|
| N490 |) Highway 42, Kewaunee, Wis | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant Kewa | aunee Power Station | | | | Unit <u>No</u> | <u>ı. 1</u> | |
| N490 | Highway 42, Kewaunee, Wis | sconsin 54216-9511 | | | Work Orde | er <u>06-005853</u> | |
| 3. Work Perform | ned By <u>Dominion Energy-K</u> | ewaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, I | Kewaunee, Wisconsin | 54216-9511 | | Authorizat | ion No. Not Applic | able |
| 4. Identification | of System <u>05B</u> Class <u>2</u> | AUXILIARY FEED | WATER | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Applicable | Construction Code B31.1-1 | 967 | (0 |) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (b) Applicable | Edition of Section XI Used for | or Repair/Replacemer | nt Activity 1998 F | dition 2000 A | ldenda | | |
| 6. Identification | of Components Name of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Component | Manufacturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| FDW-H40 | ITT GRINNEL COMPANY | NF | NA | NA | 1967 | CORRECTED | N |
| | | | | | | | |
| 8. Tests conduc | ted Hydrostatic Other | 2 AUXILIARY FEEDV Pneumati Pressure | ic Nor | 3" HANGER F ninal Operatin Test 1 | g Pressure | | T. |

Sheet 2 of 2

Date: 05/19/2006

Name of Component: FDW-H40 Work Order Number: 06-005853

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phellip C. Bukia Insures Insertion Program Owner Date November 2 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FFB 05 to 26 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

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

Date 7 NOVEMBER ,20 OG

As Required by the Provisions of the ASME Code Section XI

| | | | | | _ | | |
|---------------------------------|-----------------------------------|---------------------|---------------------|--|----------------|---------------------------|--------------|
| 1. Owner Do | ominion Energy-Kewaunee | | | | Date <u>10</u> | / <u>31/2006</u> | |
| <u>N</u> 4 | 190 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet | <u>1</u> of <u>2</u> | |
| 2. Plant Ke | ewaunee Power Station | | | | Unit <u>No</u> | <u>). 1</u> | |
| | 190 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Ord | er <u>06-006810</u> | |
| 3. Work Perfo | ormed By <u>Dominion Energy-K</u> | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, I | Kewaunee, Wisconsi | n 54216-9511 | | Authorizat | tion No. Not Applic | able |
| 4. Identification | on of System 35 Class 2 | CHEMICAL AND | VOLUME CONTRO | <u>OL</u> | Expiration | Date Not Applical | ole |
| 5. (a) Applica | ble Construction Code B31.1-1 | <u>967</u> | (c |) Applicable Se | ction XI Co | ode Case <u>NA</u> | |
| (b) Applica | ble Edition of Section XI Used fo | or Repair/Replaceme | ent Activity 1998 E | dition 2000 Add | lenda | | |
| Name of | on of Components Name of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Component | Manufacturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| CVC-443 | ITT GRINNELL VALVE CO. | NF | NA | CS005-132 | 1972 | INSTALLED | N |
| 7. Description 8. Tests cond | | Pneuma | tic Non | AL AND VOLUM ninal Operating Test Te | Pressure | COL SYSTEM 2" VA | |
| 9. Remarks | NOT APPLICABLE. | | | | | | |

Sheet 2 of 2

Date: 10/31/2006

Name of Component: CVC-443 Work Order Number: 06-006810

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bukes Inserves Inspection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FFB 05 to 3600 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>[</u> | Dominion Energy-Kewaune | <u>:e</u> | | | Date <u>10/</u> | 10/2006 | |
|-------------------|---|---|------------------------|------------------|-----------------|----------------------------|---------------------------------------|
| 1 | N490 Highway 42, Kewaur | ee, Wisconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2. Plant k | (ewaunee Power Station | | | | Unit No | <u>. 1</u> | |
| - | | ee, Wisconsin 54216-9511 | | | Work Orde | er <u>06-006960</u> | |
| 3. Work Per | formed By Dominion En | ergy-Kewaune | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | | ay 42, Kewaunee, Wisconsi | in 54216-9511 | | | | - L .1- |
| | 14.199 / 114/1111 | ., ., ., ., ., ., ., ., ., ., ., ., ., . | <u>0 /2 10 001 1</u> | | Authorizat | ion No. <u>Not Applica</u> | <u>able</u> |
| 4. Identifica | tion of System 33 Cla | ass 2 SAFETY INJECT | ION | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Applic | cable Construction Code E | 316.5-1967 | (0 | c) Applicable Se | ction XI Co | de Case N-566-1 | |
| (h) A fi- | - Independent of Control VI | HdfD | | | | | |
| (b) Applic | able Edition of Section XI | Used for Repair/Replaceme | ent Activity 1998 E | dition 2000 Add | <u>lenda</u> | | |
| 6. Identifical | tion of Components | | | | | | |
| | | | | | | | |
| | | | | | | C | 4015 |
| Name of | Name of | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code |
| Component | t Manufacturer | Serial No. | Board No. | ID | Built | Installed | Stamped |
| RHR-299A | | | | | | | |
| 11111112337 | ALOYCO INC. | NF | NA | SI008-001 | 1970 | CORRECTED | N |
| 7(11(-255) | ALOYCO INC. | NF | NA | SI008-001 | 1970 | CORRECTED | N |
| 10110-2357 | ALOYCO INC. | NF | NA | SI008-001 | 1970 | CORRECTED | N |
| | | | | | | | · · · · · · · · · · · · · · · · · · · |
| 7. Description | on of Work <u>CORRECT B</u> | NF Y REPLACING BODY TO I D EVIDENECE OF BORIC | BONNET GASKET | | | | · · · · · · · · · · · · · · · · · · · |
| | on of Work <u>CORRECT B</u> | Y REPLACING BODY TO | BONNET GASKET | | | | · · · · · · · · · · · · · · · · · · · |
| | on of Work CORRECT B 299A DUE TO | Y REPLACING BODY TO DEVIDENECE OF BORIC | BONNET GASKET ACID. | | AFTY INJI | | " VALVE RHR- |
| 7. Description | on of Work <u>CORRECT B</u> 299A DUE To | Y REPLACING BODY TO DEVIDENECE OF BORIC tatic Pneuma | BONNET GASKET ACID. | ON CLASS 2 S | AFTY INJE | ECTION SYSTEM 6 | " VALVE RHR- |
| 7. Description | on of Work CORRECT B 299A DUE TO | Y REPLACING BODY TO DEVIDENECE OF BORIC | BONNET GASKET ACID. | ON CLASS 2 S | AFTY INJE | ECTION SYSTEM 6 | " VALVE RHR- |
| 7. Description | on of Work <u>CORRECT B</u> 299A DUE To | Y REPLACING BODY TO DEVIDENECE OF BORIC tatic Pneuma | BONNET GASKET ACID. | ON CLASS 2 S | AFTY INJE | ECTION SYSTEM 6 | " VALVE RHR- |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/10/2006

Name of Component: RHR-299A

Work Order Number: 06-006960

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phellip C Buker I marrier Inspection Program Owner Date November 7 ,20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 260cToC, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ommissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsements

Date 7 NOVEMBER 2006

SURVEILLANCE PROCEDURE SP-33-235 Rev. G

KEWAUNEE NUCLEAR POWER PLANT INSERVICE INSPECTION INDICATION EVALUATION RECORD FOR CODE CASE N-566-1 COMPLIANCE

| System or Component: Safety Injection Pumps Suction Piping: Safety Injection System |
|---|
| Drawing No.: ISIM-933: ISIXK100-29 Component Identification: RHR-299A (XK-100-1377) |
| ASME Section XI 1998 Edition 2000 Addenda: Article IWA-5000 Section: IWA-5250(a)(2) |
| Indication Detection Method: VT-1 () VT-2 (X) VT-3 () |
| Leakage Stopped: YES: NO: 🖂 |
| If YES Evaluate in accordance with below: If NO Evaluate in accordance with IWB-3142.4 and below. |
| EVALUATION FOR SUSCEPTIBILITY OF THE BOLTING TO CORROSION AND FAILURE |
| Number and Service Age of the Bolts: 16 Studs and 32 Nuts; Service Age: 1970; VT-3 of 16 Studs Disassembled and 32 Nuts Disassembled were performed on May 7, 2003 for Work Order 03-005353 with Acceptable No Indications recorded. |
| Bolt and Component Material: Studs: A-193 B-7 Carbon Steel; Nuts: A-194 2H Carbon Steel; Valve Bonnet: A-351 CF8M; Valve Body: A-351 CF8M |
| Corrosiveness of Process Fluid: From Evaluation in CAP 022003 the following was determined: Per GNP-08.06.01 Boric Acid Corrosion Control Inspection and Evaluation RHR-299A Leakage is a Low Risk Leak with potential degradation rates of 0.002 to 0.007 inches/year but requires cleaning and a follow up Visual examination to complete the evaluation. RHR-299A will be monitored under the Boric Acid Corrosion Control Program. Leakage Location and System Function: Active Wet Boric Acid Between Valve Body and Valve Bonnet with Wet Boric Acid In Contact with Bonnet Studs: System Function: Safety Injection and Residual Heat Removal |
| Leakage History at the Connection or Other System Components: From Inservice Inspection Program: Evidence of Leakage at Body to Bonnet in 1987. Moderate Dry Boric Acid at Bonnet Seal Weld Surface in 1996 & Light Dry Boric Acid at Bonnet Seal Weld Interface in 2001. Boric Acid, Rust & Corrosion on Studs in 1985 and possible Corrosion of Studs in 1996. Light Dry Boric Acid on Studs in 1998. |
| Visual Evidence of Corrosion at the Assembled Connection: Unknown until cleaning. Scaffold Building, Cleaning and VT-3 examination has been scheduled under the GNP-08.06.01 Boric Acid Corrosion Control Inspection and Evaluation Program. |
| Root Cause Analysis: Possible Body to Bonnet Gasket Failure due to Insufficient Gasket Compression. |
| Work Request 04-002109 will confirm Root Cause Analysis |
| Recommendation: Repair/Replace Per GMP-207 (X) Work Order: WR: 04-002109 |
| Accept As Is and Monitor (X) CAP: 022003 |
| Not Applicable () |
| Comments: Repair/Replace: Work Request: 04-002109; Accept As Is and Monitor: CAP: 022003 |
| |
| Evaluation Performed By: Phillips C. Bukes Date: August 3, 2004 |
| Title: Inservice Inspection trogram Owner |
| Inservice Inspection Review: Thelips C. Bukes Date: August 3, 2004 |
| Level III Review: Robert Davis Date: 8-3-04 |
| Engineering Supervisor Review: Tim Hannel Date: 8-6-04 |
| Authorized Nuclear Inservice Inspector Review: Rogan Magnet Date: 8-9-04 |

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dominion Energy-Kewaunee</u> | Date 10/01/2006 | |
|---|--|---|
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | Sheet <u>1</u> of <u>2</u> | |
| 2. Plant <u>Kewaunee Power Station</u> | Unit <u>No. 1</u> | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | Work Order <u>06-010293</u> | |
| 3. Work Performed By <u>Dominion Energy-Kewaune</u> | Type Code Sym. Stamp NA | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | Authorization No. Not Applicable | |
| 4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL | Expiration Date Not Applicable | |
| 5. (a) Applicable Construction Code <u>B31.1-1967</u> (c) Applicable Se | ection XI Code Case <u>NA</u> | |
| (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1998 Edition 2000 Add | <u>idenda</u> | |
| 6. Identification of Components | | |
| | | |
| Name of Name of Manufacturer National Other Component Manufacturer Serial No. Board No. ID | Corrected, ASM Year Removed, or Code Built Installed Stamp | 9 |
| | Year Removed, or Code | 9 |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/01/2006

Name of Component: RHR-H21A Work Order Number: 06-010293

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C Bukes Inservice Inspection Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 00 of, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

ames W Cemera Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements Inspector's Signature

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner | Dominion Er | nergy-Kewaunee | | | | Date <u>10</u> | /04/200 <u>6</u> | |
|--------------------------|---|---|--|-----------------------|-------------------------------------|----------------|--|-------------------------|
| | N490 Highw | ay 42, Kewaunee, W | isconsin 54216-9511 | | | Sheet | <u>1</u> of <u>2</u> | |
| | | O. 1: | | | | Unit N | o. 1 | |
| 2. Plant | Kewaunee F | | innannia E4246 0544 | | | _ | | |
| | N490 Highw | ay 42, Kewaunee, vv | isconsin 54216-9511 | | | vvork Ora | er <u>06-010295</u> | |
| 3. Work F | Performed By | Dominion Energy- | <u>Cewaune</u> | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | | N490 Highway 42, | Kewaunee, Wiscons | in 54216-9511 | | Authoriza | tion No. Not Applic | <u>able</u> |
| 4. Identific | cation of Syste | em <u>36</u> Class <u>1</u> | REACTOR COO | LANT | | Expiration | Date Not Applical | ole |
| 5. (a) App | olicable Consti | ruction Code B31.1-1 | 1967 | ((| c) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (b) App | olicable Edition | of Section XI Used 1 | or Repair/Replaceme | ent Activity 1998 I | Edition 2000 A | ddenda | | |
| 6. Identific | cation of Comp | ponents | | | | | | |
| Name o | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ne of facturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| RTD-H11 | 1 ITT GI | RINNEL | NF | NA | NA | 1967 | CORRECTED | N |
| 7. Descrip 8. Tests c | otion of Work | CORRECT BY REECYLINDER OIL LE Hydrostatic Other | BUILDING CLASS 1 AKAGE Pneuma Pressure | itic No | ANT SYSTEM : minal Operating Test 1 | g Pressure | | D-H11 DUE TO |
| 9. Remark | | | | | | | | |

Sheet 2 of 2

Date: 10/04/2006

Name of Component: RTD-H11 Work Order Number: 06-010295

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillips C. Bukes Inservice Impartion Program Owner Date November 7,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEB 05 to 260006, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section ${\sf XI}$

| 1. Owner <u>Dominion En</u> | | | | | | 24/2006 | |
|---|--|---|---|--|---------------------------|---|---------------------------------|
| N490 Highwa | ıy 42, Kewaunee, Wis | sconsin 54216-9511 | | | Sheet | 1 of <u>2</u> | |
| 2. Plant Kewaunee Po | ower Station | | | | Unit <u>N</u> o | <u>). 1</u> | |
| N490 Highwa | y 42, Kewaunee, Wis | sconsin 54216-9511 | | | Work Ord | er <u>06-010326</u> | |
| | | | | | To a Conf | | |
| 3. Work Performed By | Dominion Energy-Ke | ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, K | (ewaunee, Wisconsin ! | 54216-9511 | | Authorizat | ion No. Not Applica | <u>ıble</u> |
| 4. Identification of Syste | m <u>31</u> Class <u>3</u> | COMPONENT COC | DLING | | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applicable Constru | uction Code NA | | (c | c) Applicable S | ection XI Co | ode Case NA | |
| | | | • | | | | |
| (b) Applicable Edition | of Section XI Used fo | r Repair/Replacement | Activity 1998 E | Edition 2000 Ac | ldenda | | |
| 6. Identification of Comp | onents | | | | | | |
| o. recitancetion of Comp | | | | | | | |
| o. Identification of Comp | | | | | | | |
| o. racrameation of comp | | | | | | | |
| | | | | | | Corrected, | ASME |
| Name of Name | e of | Manufacturer | National Board No. | Other | Year | Removed, or | Code |
| Name of Name | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | • | |
| Name of Name | e of acturer | | | | | Removed, or | Code |
| Name of Nam Component Manuf | e of acturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Name of Nam Component Manuf | e of acturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Name of Name Component Manuf AHRHRP-1A FLOWS | e of acturer SERVE | Serial No. 03LEX607100/04 | Board No. | ID 145-141 | Built 2003 | Removed, or Installed | Code Stamped N |
| Name of Nam Component Manuf | e of acturer SERVE CORRECT BY REPA | Serial No. | NA CLASS 2 RESI | ID 145-141 DUAL HEAT R | Built 2003 | Removed, or Installed | Code Stamped N |
| Name of Name Component Manuf AHRHRP-1A FLOWS | e of acturer SERVE CORRECT BY REPA | Serial No. 03LEX607100/04 AIRING LEAK ON THE | NA CLASS 2 RESI | ID 145-141 DUAL HEAT R | Built 2003 | Removed, or Installed | Code Stamped N |
| Name of Name Component Manuf AHRHRP-1A FLOWS 7. Description of Work | e of acturer SERVE CORRECT BY REPA | Serial No. 03LEX607100/04 AIRING LEAK ON THE | NA CLASS 2 RESI | ID 145-141 DUAL HEAT R | Built 2003 | Removed, or Installed | Code Stamped N |
| Name of Name Component Manuf AHRHRP-1A FLOWS | e of acturer SERVE CORRECT BY REPA | Serial No. 03LEX607100/04 AIRING LEAK ON THE | NA CLASS 2 RESI HEAT EXCHAN | ID 145-141 DUAL HEAT R | Built 2003 EMOVAL S | Removed, or Installed | Code Stamped N ESIDUAL |
| Name of Name Component Manuf AHRHRP-1A FLOWS 7. Description of Work | e of acturer SERVE CORRECT BY REPA HEAT REMOVAL PL | Serial No. 03LEX607100/04 AIRING LEAK ON THE JMP 1A SHAFT SEAL Pneumatic | Board No. NA CLASS 2 RESI HEAT EXCHAN | ID 145-141 DUAL HEAT R GER. ninal Operating | Built 2003 EMOVAL S | Removed, or Installed CORRECTED YSTEM SIDE OF R | Code Stamped N ESIDUAL |
| Name of Name Component Manuf AHRHRP-1A FLOWS 7. Description of Work | e of acturer SERVE CORRECT BY REPA HEAT REMOVAL PL | Serial No. 03LEX607100/04 AIRING LEAK ON THE JMP 1A SHAFT SEAL | NA CLASS 2 RESI HEAT EXCHAN | ID 145-141 DUAL HEAT R IGER. | Built 2003 EMOVAL S | Removed, or Installed CORRECTED YSTEM SIDE OF R | Code Stamped N ESIDUAL |
| Name of Name Component Manuf AHRHRP-1A FLOWS 7. Description of Work | e of acturer SERVE CORRECT BY REPA HEAT REMOVAL PL | Serial No. 03LEX607100/04 AIRING LEAK ON THE JMP 1A SHAFT SEAL Pneumatic | Board No. NA CLASS 2 RESI HEAT EXCHAN | ID 145-141 DUAL HEAT R GER. ninal Operating | Built 2003 EMOVAL S | Removed, or Installed CORRECTED YSTEM SIDE OF R | Code Stamped N ESIDUAL |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 09/24/2006

Name of Component: AHRHRP-1A

Work Order Number: 06-010326

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bucker I Transpection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FEB05 to 260cT06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsemen National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dom</u> | inion Energy-Kewaunee | | | | Date <u>10</u> / | <u>/04/2006</u> | |
|-------------------------|-------------------------------------|----------------------------|-----------------------|-----------------|------------------|--|-------------------------|
| N490 |) Highway 42, Kewaunee, Wis | consin 54216-9511 | | | Sheet _ | <u>1</u> of <u>2</u> | |
| 2. Plant <u>Kew</u> a | aunee Power Station | | | | Unit <u>N</u> o | <u> 2. 1</u> | |
| N490 |) Highway 42, Kewaunee, Wis | consin 54216-9511 | | | Work Ord | er <u>06-010465</u> | |
| 3. Work Perform | ned By <u>Dominion Energy-Ke</u> | waune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, K | ewaunee, Wisconsii | n 54216-9511 | | Authorizat | tion No. Not Applic | able |
| 4. Identification | of System 33 Class 2 | SAFETY INJECT | <u>ON</u> | | | Date Not Applicat | |
| 5. (a) Applicable | e Construction Code <u>B31.1-19</u> | <u>67</u> | (0 | c) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (In X. A months a line) | - Edition of Continu VIII land fo | - Danais/Basissassa | | | | | |
| (b) Applicable | e Edition of Section XI Used fo | r Repair/Replaceme | nt Activity 1996 E | dition 2000 A | <u>ooenoa</u> | | |
| 6. Identification | of Components | | | | | | |
| | | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| RHR-H12A | ITT GRINNELL VALVE CO. | NF | NA | NA | 1967 | CORRECTED | N |
| 7. Description of | f Work CORRECT DUE TO | OIL LEAKAGE CLA | SS 2 SAFETY INJ | ECTION SYS | TEM 6" HYD | DRAULIC SNUBBER | R RHR-H12A. |
| 8. Tests conduc | ted Hydrostatic | Pneumat | ic Nor | minal Operatin | g Pressure | Exe | mpt X |
| | Other | Pressure | psi | Test | ſemp. | deg. F | |
| 9. Remarks N | OT APPLICABLE. | | | | | | |

Sheet 2 of 2

Date: 10/04/2006

Name of Component: RHR-H12A Work Order Number: 06-010465

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phellip C Bukes Inserver Insertion Program O'umer Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Dame W Cemera Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsement

National Board, State, Province, and Endorsements

Date

7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner Do | minion Energy-Kewaunee | | | | Date <u>10/</u> | 04/2006 | |
|-------------------|---|----------------------------|-----------------------|-----------------|-----------------|--|-------------------------|
| - | 90 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Sheet 1 | of <u>2</u> | |
| 2 Di+ K- | Chatian | | | | Unit No | <u>. 1</u> | |
| | waunee Power Station 90 Highway 42, Kewaunee, Wi | sconsin 54216-9511 | | | Work Orde | er <u>06-010466</u> | |
| | | | | | Turne Cod | - Come Champa NA | |
| 3. Work Perfo | | | | | Type Code | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, I | Kewaunee, Wisconsi | n 54216-9511 | | Authorizat | ion No. Not Applica | able |
| 4. Identificatio | n of System 33 Class 2 | SAFETY INJECT | ION | | Expiration | Date Not Applicat | <u>ele</u> |
| 5. (a) Applical | ble Construction Code <u>B31.1-1</u> | 967 | (0 | c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (b) Applicat | ole Edition of Section XI Used fo | or Repair/Replaceme | ent Activity 1998 E | Edition 2000 Ac | ddenda | | |
| | | | | | | | |
| 6. Identificatio | n of Components | | | | | | |
| | | | | | | | |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| - | ITT GRINNELL VALVE CO. | NF. | NA NA | NA NA | 1967 | CORRECTED | N |
| RHR-H12B | HIT GRINNELL VALVE CO. | NF | NA | NA | 1967 | CORRECTED | N |
| | | | | | | | |
| | | | | | | | |
| 7. Description | of Work CORRECT DUE TO | OIL LEAKAGE CLA | ASS 2 SAFETY INJ | JECTION SYS | TEM 6" HYD | RAULIC SNUBBER | RHR-H12B. |
| | | | | | | | |
| | | | - | | | | - |
| 8. Tests condi | ucted Hydrostatic | Pneuma | tic No | minal Operatin | g Pressure | Exe | mpt X |
| | Other | Pressure | e psi | Test T | emp. | deg. F | |
| | | | | | | | |
| | | | | | | | |
| 9. Remarks | NOT APPLICABLE. | | | | | | |

Sheet 2 of 2

Date: 10/04/2006

Name of Component: RHR-H12B Work Order Number: 06-010466

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Philip C. Buken Inserver Inspection Program Owner Date November 7 ,20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEBO5 to 26 OCT 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NB 11622, I, N, B, A WIS 100131

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

Date 7 NOVERBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| Owner Doi | minion Energy-Kewaunee | | | | Date <u>10/</u> | 12/2006 | |
|--|--|---|--------------------------------|-------------------------|--------------------------|--|---------------------------|
| · · | 90 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Sheet <u>1</u> | of <u>2</u> | |
| | | | | | Unit No | 1 | |
| | waunee Power Station | | | | | | |
| <u>N49</u> | 90 Highway 42, Kewaunee, W | isconsin 54216-9511 | | | Work Orde | er <u>06-010473</u> | |
| 3. Work Perfor | rmed By <u>Dominion Energy-</u> | <u>Kewaune</u> | | | Type Code | Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, | Kewaunee, Wisconsi | n 54216-9511 | | Authorizat | on No. Not Applica | ible |
| 4. Identification | n of System <u>34</u> Class <u>1</u> | RESIDUAL HEAT | REMOVAL | | Expiration | Date <u>Not Applicab</u> | <u>le</u> |
| 5. (a) Applicat | ole Construction Code B31.1- | <u>1967</u> | (0 | c) Applicable Sec | tion XI Co | de Case <u>NA</u> | |
| (b) Applicab | ole Edition of Section XI Used | for Repair/Replaceme | ent Activity 1998 E | Edition 2000 Add | enda | | |
| | | | • | | | | |
| 6. Identification | n of Components | | | | | | |
| | | | | | | | |
| | | | ···· | | | | |
| | | | | | | Corrected, | ASME |
| Name of | Name of | Manufacturer | National | Other | Year | Removed or | Code |
| Name of Component | Name of Manufacturer | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Removed, or Installed | Code Stamped |
| | | | | | Built | • | |
| Component | Manufacturer VELAN VALVE CORPORATION of Work CORRECT DUE T | Serial No. | Board No. NA AKAGE BY SEAL N | ID AC104-003 | Built 1972 | Installed | Stamped N |
| Component RHR-1B | Manufacturer VELAN VALVE CORPORATION of Work CORRECT DUE T REMOVAL SYSTE | Serial No. NF DEVIDENCE OF LEA | Board No. NA AKAGE BY SEAL V | ID AC104-003 | Built 1972 TO BONE | Installed | Stamped N DUAL HEAT |
| Component RHR-1B 7. Description | Manufacturer VELAN VALVE CORPORATION of Work CORRECT DUE T REMOVAL SYSTE | Serial No. NF NF DEVIDENCE OF LEAM 8" VALVE RHR-1B | Board No. NA AKAGE BY SEAL V | AC104-003 | Built 1972 TO BONE | Installed CORRECTED NET CLASS 1 RESI | Stamped N DUAL HEAT |
| Component RHR-1B 7. Description 8. Tests condu | Manufacturer VELAN VALVE CORPORATION of Work CORRECT DUE T REMOVAL SYSTE | Serial No. NF DEVIDENCE OF LEA M 8" VALVE RHR-1B | Board No. NA AKAGE BY SEAL V | AC104-003 WELDING BODY | Built 1972 TO BONE | Installed CORRECTED NET CLASS 1 RESI X Exer | Stamped N DUAL HEAT |

Sheet 2 of 2

Date: 10/12/2006

Name of Component: RHR-1B Work Order Number: 06-010473

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inserver Inspection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16FF805 to 24 oct o6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner Dominion Energ | y-Kewaunee | | | Date <u>10</u> | 09/2006 | |
|--------------------------------------|------------------------------------|-----------------------|-----------------|----------------|--|-------------------------|
| N490 Highway 4 | 2, Kewaunee, Wisconsin 54216-95 | <u>11</u> | | Sheet | <u>1</u> of <u>2</u> | |
| 2. Plant Kewaunee Powe | | | | | <u>o. 1</u> | |
| N490 Highway 4 | 2, Kewaunee, Wisconsin 54216-95 | <u>11</u> | | Work Ord | er <u>06-010481</u> | |
| 3. Work Performed By De | ominion Energy-Kewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| <u>N</u> | 190 Highway 42, Kewaunee, Wisco | nsin 54216-9511 | | Authorizat | ion No. Not Applica | <u>able</u> |
| 4. Identification of System | 35 Class 2 CHEMICAL AN | ID VOLUME CONTR | <u>OL</u> | Expiration | Date Not Applicab | <u>le</u> |
| 5. (a) Applicable Constructi | on Code <u>B31.1-1967</u> | (| c) Applicable S | ection XI Co | ode Case <u>NA</u> | |
| (b) Applicable Edition of S | Section XI Used for Repair/Replace | ment Activity 1998 I | Edition 2000 A | denda | | |
| 6. Identification of Compone | ante | | | | | |
| , | :illo | | | | | |
| Name of Name o | f Manufacturer | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| Name of Name o Component Manufact | f Manufacturer | | | | Removed, or | Code |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/09/2006

Name of Component: RCVC-H191 Work Order Number: 06-010481

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date

Not Applicable

Signed Phillip C. Bukes Incorrect Inspection Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 octo6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

umus W N cemera Commissions NB 11622, I, N, B, A WIS 100131 Inspector's Signature

National Board, State, Province, and Endorsements

,20 *0*6

Date

7 NOVEMBER

As Required by the Provisions of the ASME Code Section XI

| 1. Owner | Dominion En | ergy-Kewaunee | | | | Date <u>10/</u> | 24/2006 | |
|----------------|--|----------------------------|---------------------------|---------------------|-------------------|-----------------|--------------------------|-----------------|
| | | | sconsin 54216-9511 | | | Sheet | _ of <u>2</u> | |
| | | | | | | Unit No | o. 1 | |
| 2. Plant | Kewaunee P | | 5.040.0544 | | | | _ | |
| | N490 Highwa | ay 42, Kewaunee, W | sconsin 54216-9511 | | | vvork Ora | er <u>06-011440</u> | |
| 3. Work P | erformed By | Dominion Energy-k | (ewaune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | | N490 Highway 42, | <u>Kewaunee, Wisconsi</u> | n 54216-9511 | | Authorizat | ion No. Not Applic | <u>able</u> |
| 4. Identific | cation of Syste | m <u>35</u> Class <u>2</u> | CHEMICAL AND | VOLUME CONTR | <u>OL</u> | Expiration | Date Not Applicat | <u>lle</u> |
| 5. (a) App | olicable Constr | uction Code B31.1- | 967 | (0 | c) Applicable Sec | ction XI Co | de Case <u>NA</u> | |
| /b. \ A | Name (alice of the control of the co | -4 C4: VIII | ia - Danaia/Dan-In-anna | A | | | | |
| (b) App | nicable Edition | of Section XI Used | or Repair/Replaceme | ent Activity 1996 B | dition 2000 Add | <u>enoa</u> | | |
| 6. Identific | cation of Comp | onents | | | | | | |
| | • | | | | | | | |
| | | | | | | | | |
| Name o | f Name | 4 | Manufacturer | National | Other | Year | Corrected, | ASME |
| Compone | | e or facturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| | | | NV 4 4 4 2 | | | 4070 | CORRECTER | |
| CVC-10 | KERO | TEST MFG CORP | NV-143 | NA | CS100-005 | 19/3 | CORRECTED | N |
| | | | | | | | | |
| | | | | | | | | |
| 7. Descrip | tion of Work | | NOT SEATING PR | OPERLY CLASS 2 | CHEMICAL AN | D VOLUM | E CONTROL SYST | EM 2" VALVE |
| | | CVC-10. | | | | | | |
| | | | | | | | | |
| 8. Tests co | onducted | Hydrostatic | Pneuma | tic Nor | minal Operating | Pressure | X Exe | mnt 🗀 |
| 0. 10313 0 | onaucica | Tydrostatio | L. Trieding | | imiai Operating | 1033410 | | , |
| | | Other | Pressure | e <u>2236</u> psi | Test Te | mp. <u>9</u> | deg. F | |
| | | | | | | | | |
| | | | | | | | | |
| 9. Remark | | LICABLE. | | | | | | |

Sheet 2 of 2

Date: 10/24/2006

Name of Component: CVC-10 Work Order Number: 06-011440

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inserve I magestion Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date

7 NOVEMBER 20 06

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dominion En</u> | ergy-Kewaunee | | | | Date <u>10/</u> | 17/2006 | |
|---|--|--|-------------------------------|-------------------------|-----------------------------|--|-------------------------|
| N490 Highwa | ay 42, Kewaunee, Wisco | onsin 54216-9511 | | | Sheet _ | <u>l</u> of <u>2</u> | |
| 2. Plant <u>Kewaunee P</u> | | | | | | <u>). 1</u> | |
| N490 Highwa | ay 42, Kewaunee, Wisco | nsin 54216-9511 | | | Work Ord | er <u>06-011623</u> | |
| 3. Work Performed By | Dominion Energy-Kew | aune | | | Type Cod | e Sym. Stamp <u>NA</u> | |
| | N490 Highway 42, Kev | vaunee, Wisconsin | 54216-9511 | | Authorizat | ion No. Not Applica | <u>able</u> |
| 4. Identification of Syste | em <u>33</u> Class <u>2</u> | SAFETY INJECTION | <u>NC</u> | | Expiration | Date Not Applicat | <u>le</u> |
| 5. (a) Applicable Constr | uction Code <u>B31.1-1967</u> | Z | (0 | c) Applicable S | ection XI Co | de Case <u>NA</u> | |
| (b) Applicable Edition | of Section XI Used for F | Repair/Replacemen | nt Activity 1998 F | dition 2000 A | ddenda | | |
| . , , , , | | , , | , | | | | |
| 6. Identification of Comp | ponents | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Name of Nam Component Manut | ne of N | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| Component Manut | | | | | | Removed, or | Code |
| Component Manut | facturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Component Manut | facturer | Serial No. | Board No. | ID | Built | Removed, or Installed | Code Stamped |
| Component Manut | facturer RINNELL VALVE CO. CORRECT BY VERIFY | Serial No. NF /ING TIGHTNESS | Board No. | NA | Built 1967 | Removed, or Installed | Code Stamped N |
| Component Manuel RHR-H12A ITT GF | facturer RINNELL VALVE CO. | Serial No. NF /ING TIGHTNESS | Board No. | NA | Built 1967 | Removed, or Installed | Code Stamped N |
| Component Manuel RHR-H12A ITT GF | facturer RINNELL VALVE CO. CORRECT BY VERIFY | Serial No. NF /ING TIGHTNESS | Board No. | NA | Built 1967 | Removed, or Installed | Code Stamped N |
| Component Manuel RHR-H12A ITT GF | facturer RINNELL VALVE CO. CORRECT BY VERIFY | Serial No. NF /ING TIGHTNESS | NA OF TIE ROD HE | NA | Built 1967 CLASS 2 SA | Removed, or Installed | Code Stamped N |
| Component Manuf RHR-H12A ITT GF 7. Description of Work | CORRECT BY VERIFY | Serial No. NF /ING TIGHTNESS R RHR-H12A. | NA OF TIE ROD HE | NA NA K NUTS ON C | Built 1967 CLASS 2 SA | Removed, or Installed CORRECTED FETY INJECTION S | Code Stamped N |
| Component Manuf RHR-H12A ITT GF 7. Description of Work | CORRECT BY VERIFY HYDRAULIC SNUBBE | Serial No. NF /ING TIGHTNESS R RHR-H12A. Pneumati | Board No. NA OF TIE ROD HE) | NA K NUTS ON C | Built 1967 CLASS 2 SA | Removed, or installed CORRECTED FETY INJECTION S Exer | Code Stamped N |

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/17/2006

Name of Component: RHR-H12A Work Order Number: 06-011623

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Buker Inserve Inspection Program Owner Date November 7 ,20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FeB 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Dector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

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

National Board, State, Province, and Endorsements

Date

7 NOVEMBER 20 06

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

As Required by the Provisions of the ASME Code Section XI

| | minion Energy-Kew | • | | | | Date <u>10</u> / | 17/2006 | | |
|--|--|-------------------------------------|---|-------------------------------|---------------------------------|----------------------------------|--|----------------------|--|
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | | | Sheet <u>1</u> of <u>2</u> | | | | |
| 2. Plant Kewaunee Power Station | | | | | Unit <u>N</u> o | <u>o. 1</u> | | | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | | | Work Order <u>06-011623</u> | | | | |
| Work Performed By <u>Dominion Energy-Kewaune</u> | | | | | | | Type Code Sym. Stamp <u>NA</u> | | |
| | N490 Hi | ighway 42, Ke | ewaunee, Wisconsin | 54216-9511 | | Authorization No. Not Applicable | | | |
| | | | | | | | | | |
| 4. Identification | of System 33 | Class 2 | SAFETY INJECTION | <u>ON</u> | | Expiration | Date Not Applicat | <u>le</u> | |
| 5. (a) Applicabl | le Construction Co | de <u>B31.1-19</u> 6 | <u> </u> | (0 | c) Applicable S | ection XI Co | ode Case <u>NA</u> | | |
| (h) Applicable | le Edition of Section | n VI Head for | Repair/Replacemer | at Activity 1009 E | | 44000 | | | |
| (b) Applicable | ie Edition of Section | ii Xi Osed ioi | rrepaii/rreplacemen | IL ACTIVITY 1990 D | dition 2000 At | <u>Juenua</u> | | | |
| 6. Identification | of Components | | | | | | | | |
| | • | | | | | | | | |
| | · | | | | | | | | |
| | | | - | | | · | | | |
| Name of | Name of | ··········· | Manufacturer | National | Other | Year | Corrected, Removed, or | ASME Code | |
| - | Name of Manufacturer | | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | | |
| Name of | | | | | | | Removed, or | Code | |
| Name of Component | Manufacturer | | Serial No. | Board No. | ID | Built | Removed, or installed | Code Stamped | |
| Name of Component | Manufacturer | | Serial No. | Board No. | ID | Built | Removed, or installed | Code Stamped | |
| Name of Component | Manufacturer ITT GRINNELL of Work CORRE | VALVE CO. | Serial No. NF YING TIGHTNESS | Board No. | NA | Built 1967 | Removed, or installed | Code Stamped N | |
| Name of Component RHR-H12B | Manufacturer ITT GRINNELL of Work CORRE | VALVE CO. | Serial No. | Board No. | NA NA | Built 1967 | Removed, or installed | Code Stamped N | |
| Name of Component RHR-H12B | Manufacturer ITT GRINNELL of Work CORRE | VALVE CO. | Serial No. NF YING TIGHTNESS | Board No. | NA NA | Built 1967 | Removed, or installed | Code Stamped N | |
| Name of Component RHR-H12B | Manufacturer ITT GRINNELL of Work CORRE HYDRAI | VALVE CO. | Serial No. NF YING TIGHTNESS | NA OF TIE ROD HEX | NA NA | Built 1967 CLASS 2 SA | Removed, or installed | Code Stamped N | |
| Name of Component RHR-H12B | Manufacturer ITT GRINNELL of Work CORRE HYDRAI | VALVE CO. CT BY VERIF | Serial No. NF YING TIGHTNESS ER RHR-H12B. | NA OF TIE ROD HEX | NA NA K NUTS ON C | Built 1967 CLASS 2 SA | Removed, or Installed CORRECTED FETY INJECTION S | Code Stamped N | |
| Name of Component RHR-H12B | Manufacturer ITT GRINNELL of Work CORRE HYDRAI | VALVE CO. CT BY VERIF ULIC SNUBBI | Serial No. NF YING TIGHTNESS ER RHR-H12B. Pneumati | Board No. NA OF TIE ROD HEX | NA K NUTS ON Cominal Operating | Built 1967 CLASS 2 SA | Removed, or installed CORRECTED FETY INJECTION S Exer | Code Stamped N | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 10/17/2006

Name of Component: RHR-H12B Work Order Number: 06-011623

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Buken Inserver Trapertion Program Owner Date November 7, 20 06

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FeB 05 to 26 or 76, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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ame W cemera Commissions NB 11622, I, N, B, A WIS 100131

National Board State Province and Endorsements

National Board, State, Province, and Endorsements

7 NOVEMBER ,20 06 Date

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

As Required by the Provisions of the ASME Code Section X!

| 1. Owner | Dominion Energy-Kewaunee | | | | Date <u>10/</u> | <u>24/2006</u> | | |
|--|--|--|-------------------------------|-------------------------|----------------------------------|--|----------------------|--|
| | N490 Highway 42, Kewaunee, V | Visconsin 54216-9511 | | | Sheet <u>1</u> | of <u>2</u> | | |
| 2. Plant | Kewaunee Power Station | | | | Unit <u>No</u> | <u>. 1</u> | | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | | | Work Order <u>06-011629</u> | | | |
| Work Performed By <u>Dominion Energy-Kewaune</u> | | | | | | Type Code Sym. Stamp <u>NA</u> | | |
| | N490 Highway 42 | , Kewaunee, Wisconsi | n 54216-9511 | | Authorization No. Not Applicable | | | |
| 4. Identific | ation of System 35 Class | 2 CHEMICAL AND | VOLUME CONTR | | | Date Not Applicab | | |
| 5. (a) Appl | licable Construction Code <u>B31.1</u> | -1967 | (0 | c) Applicable Sec | tion XI Co | de Case <u>NA</u> | | |
| laaA (d) | icable Edition of Section XI Used | l for Repair/Replaceme | ent Activity 1998 E | Edition 2000 Add | enda | | | |
| (-) (-) | | | | | | | | |
| 6 Identific | ation of Components | | | | | | | |
| O. IGERATIO | | | | | | | | |
| o. identific | | | | | | | | |
| | | | | | | Corrected, | ASME | |
| Name of | 7141110 01 | Manufacturer Serial No. | National Board No. | Other | Year Built | Removed, or | Code | |
| Name of Compone | nt Manufacturer | Serial No. | Board No. | 1D | Built | Removed, or Installed | Code Stamped | |
| Name of | 7141110 01 | | | | Built | Removed, or | Code | |
| Name of Compone | nt Manufacturer | Serial No. | Board No. | 1D | Built | Removed, or Installed | Code Stamped | |
| Name of Compone | nt Manufacturer KEROTEST MFG CORP | Serial No. NV-143 | Board No. | ID CS100-005 | Built 1973 | Removed, or installed | Code Stamped N | |
| Name of Compone CVC-10 | nt Manufacturer KEROTEST MFG CORP | Serial No. NV-143 TO BONNET LEAK B | Board No. | ID CS100-005 | Built 1973 | Removed, or installed | Code Stamped N | |
| Name of Compone CVC-10 | nt Manufacturer KEROTEST MFG CORP | Serial No. NV-143 TO BONNET LEAK B | Board No. | ID CS100-005 | Built 1973 | Removed, or installed | Code Stamped N | |
| Name of Compone CVC-10 | nt Manufacturer KEROTEST MFG CORP tion of Work CORRECT BODY 2" VALVE CVC-10 | Serial No. NV-143 TO BONNET LEAK B | Board No. NA Y SEAL WELDING | CS100-005 | Built 1973 MICAL AN | Removed, or Installed CORRECTED D VOLUME CONTE | Code Stamped N | |
| Name of Compone CVC-10 | KEROTEST MFG CORP tion of Work CORRECT BODY 2" VALVE CVC-16 anducted Hydrostatic | Serial No. NV-143 TO BONNET LEAK B | Board No. NA Y SEAL WELDING | CS100-005 G CLASS 2 CHE | Built 1973 MICAL AN | Removed, or installed | Code Stamped N | |
| Name of Compone CVC-10 | nt Manufacturer KEROTEST MFG CORP tion of Work CORRECT BODY 2" VALVE CVC-10 | Serial No. NV-143 TO BONNET LEAK B | Board No. NA Y SEAL WELDING | CS100-005 | Built 1973 MICAL AN | Removed, or Installed CORRECTED D VOLUME CONTE | Code Stamped N | |
| Name of Compone CVC-10 | KEROTEST MFG CORP tion of Work CORRECT BODY 2" VALVE CVC-16 anducted Hydrostatic | Serial No. NV-143 TO BONNET LEAK B Pneuma | Board No. NA Y SEAL WELDING | CS100-005 G CLASS 2 CHE | Built 1973 MICAL AN | Removed, or installed CORRECTED D VOLUME CONTE | Code Stamped N | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 10/24/2006

Name of Component: CVC-10

Work Order Number: 06-011629

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed Phillip C. Bukes Inservee Inspection Program Owner Date November 7, 20 04

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 Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 Feb 05 to 26 oct 06, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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.

Ommissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

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

As Required by the Provisions of the ASME Code Section XI

| | ominion Energy-Kewaunee | | | | | 31/2006 | |
|--|---|--|-------------------------------|--------------------------|----------------------------------|---|-------------------------|
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | | | Sheet <u>1</u> of <u>2</u> | | |
| 2. Plant Kewaunee Power Station | | | | | Unit No. 1 | | |
| 2. Plant <u>Kewaunee Power Station</u> N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | | | | | Work Order <u>06-011685</u> | | |
| 3. Work Perf | 3. Work Performed By Dominion Energy-Kewaune Type Code Sym. Stamp NA | | | | | | |
| | • | Kewaunee, Wisconsin | 54216-9511 | • | — | | |
| | M400 Fightidy 42, 1 | terradilee, tylocolloni | 104210 0011 | | Authorization No. Not Applicable | | |
| 4. Identificati | ion of System 23 Class 2 | CONTAINMENT S | SPRAY | | Expiration | Date <u>Not Applicab</u> | <u>le</u> |
| 5. (a) Applica | able Construction Code <u>B16.5-1</u> | <u>967</u> | (c | c) Applicable Sec | tion XI Cod | de Case <u>NA</u> | |
| //-> A E | | | -4.4.11.11. 4000 F | T. P.C | | | |
| (b) Applica | able Edition of Section XI Used for | or Repair/Replacemer | nt Activity 1998 E | aition 2000 Add | <u>enda</u> | | |
| | | | | | | | |
| 6. Identificati | on of Components | | | | | | |
| 6. Identificati | on of Components | | | | | | |
| 6. Identificati | on of Components | and the second s | | | | | |
| - | | Manufacturer | National | Other | Year | Corrected, | ASME |
| 6. Identificati | Name of | Manufacturer Serial No. | National Board No. | Other ID | Year Built | Corrected, Removed, or Installed | ASME Code Stamped |
| Name of | Name of | | | | Built | Removed, or | Code |
| Name of Component | Name of Manufacturer FISHER CONTROLS INTERNATIONAL | Serial No. | Board No. | ID ICS013-001 | Built 1972 | Removed, or Installed | Code Stamped N |
| Name of Component ICS-202 | Name of Manufacturer FISHER CONTROLS INTERNATIONAL | Serial No. 4950736 | Board No. | ID ICS013-001 | Built 1972 | Removed, or Installed | Code Stamped N |
| Name of Component ICS-202 | Name of Manufacturer FISHER CONTROLS INTERNATIONAL n of Work CORRECT DUE TO | Serial No. 4950736 | Board No. NA ESSURE CLASS 2 | ID ICS013-001 | Built 1972 T SPRAY S | Removed, or Installed | Code Stamped N |
| Name of Component ICS-202 | Name of Manufacturer FISHER CONTROLS INTERNATIONAL n of Work CORRECT DUE TO | Serial No. 4950736 NOT HOLDING PRE | Board No. NA ESSURE CLASS 2 | ID ICS013-001 CONTAINMEN | Built 1972 T SPRAY S | Removed, or Installed CORRECTED SYSTEM 2" VALVE | Code Stamped N |
| Name of Component ICS-202 | Name of Manufacturer FISHER CONTROLS INTERNATIONAL n of Work CORRECT DUE TO | Serial No. 4950736 NOT HOLDING PRE | Board No. NA ESSURE CLASS 2 | ID ICS013-001 CONTAINMEN | Built 1972 T SPRAY S | Removed, or Installed CORRECTED SYSTEM 2" VALVE X Exer | Code Stamped N |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 10/31/2006

Name of Component: ICS-202 Work Order Number: 06-011685

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phellip C. Beckes Inserved Inspection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 16 FEB 05 to 260006, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER ,20 06

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

As Required by the Provisions of the ASME Code Section XI

| 1. Owner <u>Dominion Energy-Kewaunee</u> | Date <u>10/24/2006</u> | | | | | |
|--|--|--|--|--|--|--|
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | Sheet $\underline{1}$ of $\underline{2}$ | | | | | |
| 2. Plant Kewaunee Power Station | Unit <u>No. 1</u> | | | | | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | Work Order <u>06-011694</u> | | | | | |
| 3. Work Performed By <u>Dominion Energy-Kewaune</u> Type Code Sym. Stamp <u>NA</u> | | | | | | |
| N490 Highway 42, Kewaunee, Wisconsin 54216-9511 | Authorization No. Not Applicable | | | | | |
| 4. Identification of System 23 Class 2 CONTAINMENT SPRAY | Expiration Date Not Applicable | | | | | |
| 5. (a) Applicable Construction Code <u>B16.5-1967</u> (c) Appli | icable Section XI Code Case NA | | | | | |
| (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1998 Edition | 2000 Addenda | | | | | |
| 6. Identification of Components | | | | | | |
| | | | | | | |
| | Corrected, ASME Other Year Removed, or Code ID Built Installed Stamped | | | | | |
| Component Manufacturer Serial No. Board No. | other Year Removed, or Code | | | | | |

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

NIS-2 (Back)

Sheet 2 of 2

Date: 10/24/2006

Name of Component: ICS-4A Work Order Number: 06-011694

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED

conforms to the requirements of the

ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No.

Not Applicable

Expiration Date Not Applicable

Signed Phillip C. Bukes Inservice Inspection Program Owner Date November 7, 20 06

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period /6FEBO5 to 26ocTO6, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 7 NOVEMBER 20 06

Enclosure 6

2006 INSERVICE INSPECTION SUMMARY REPORT

EXAMINATION SUMMARY FOR CLASS 1, CLASS 2, AND CLASS 3 INSERVICE INSPECTION PROGRAM FOR FOURTH TEN-YEAR INTERVAL

KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

KEWAUNEE POWER STATION 2ND OUTAGE: 1ST PERIOD: 4TH INTERVAL 2006 EXAMINATION SUMMARY

INTRODUCTION

An Inservice Inspection (ISI) Program (Scheduled and Augmented) was performed at the Kewaunee Power Station from February 16, 2005 through November 8, 2005 (Non Refueling Outage) and September 2, 2006 through October 26, 2006 (Closing of G1 following Refueling Outage) by Kewaunee Power Station, Lambert, MacGill, and Thomas, Inc.(LMT) and Great Lakes Testing examination personnel.

Examinations were performed to satisfy the requirements of:

- ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda
- United States Nuclear Regulatory Commission Generic Letter 88-05 "Boric Acid Corrosion of Carbon Steel Reactor Coolant Boundary Components in PWR Plants"
- United States Nuclear Regulatory Commission Bulletin 2003-02 "Leakage From Reactor Pressure Vessel Lower Head Penetrations and Reactor Coolant Pressure Boundary Integrity"
- United States Nuclear Regulatory Commission Regulatory Guide 1.14 Revision 1 Reactor Coolant Pump Flywheel Integrity
- Materials Reliability Program MRP-129 Generic Guidance For Alloy 600 Management
- Materials Reliability Program MRP-139 Primary System Piping Butt Weld Inspection and Evaluation Guideline

The Inservice Inspection Program Plan and Augmented Inspection Program Plan located under Tab C was prepared by Kewaunee Power Station Plant for the 2nd Outage: 1st Period: 4th Interval as identified in the Kewaunee Power Station Fourth 10-Year Inservice Inspection (ISI) Program 2004 – 2014. Examinations during this Refueling Outage were performed to complete 1st Period; 4th Interval Examination Requirements of ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda and Kewaunee Power Station Fourth 10-Year Inservice Inspection (ISI) Program 2004-2014.

The following items were examined:

- Reactor Vessel Upper and Lower Internals
- Reactor Vessel Closure Head Bare Metal
- Reactor Vessel Bottom Head Bare Metal for MRP-129 Generic Guidance for Alloy 600 Management

- Steam Generator Shell Circumferential Weld
- Reactor Coolant Pump Main Flange Bolting and No. 1 Seal Housing Bolting
- Reactor Coolant Pump Flywheel
- Class 1 Valve Bodies
- Class 1 Piping welds for MRP-139 Generic Guidance For Alloy 600 Management
- Class 1, Class 2 and Class 3 Piping and Component Supports and Hangers
- Class 1 and Class 2 Steam Generator Primary Manway Bolting, Pressurizer Manway Bolting, Flange Bolting and Valve Bonnet Bolting
- Class 2 Feedwater Nozzle to Pipe Welds
- Class 1 System Leakage Test
- Class 2 and Class 3 System Leakage Tests

EXAMINATIONS

The examinations performed were in accordance with an approved Inservice Inspection Program Plan located under Tab C of the final report. Examination Procedures were approved prior to the start of examinations and certification documents relative to personnel, equipment and materials were reviewed and determined to be satisfactory.

Some of the arrangements and details of the Kewaunee Power Station Components and Piping Systems were designed and fabricated before ASME Boiler and Pressure Vessel Code Section XI Code requirements were established. Examinations performed were intended to examine 100% of the required surface or volume. In some cases, examinations were limited by geometric, metallurgical or design/access restrictions. In each case, the occurrence and cause of the limitation was documented. In all cases the maximum amount achievable was examined.

Witnessing and surveillance of the examinations were conducted by personnel from: the Nuclear Regulatory Commission and Hartford Steam Boiler Inspection and Insurance Company of CT.

RESULTS

Examinations resulted with the following Recordable Indications being noted on the basis of procedure recording criteria, which are generally more restrictive than specified ASME Boiler and Pressure Vessel Code Section XI Acceptance Standards.

Recordable Indications detected during the 2006 Refueling Outage are listed in Table 1 with a brief summary following. Specific data relative to all Recordable Indications and their dispositions by either corrective measures, acceptance by ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Acceptance Criteria, Repair or Replacement or Evaluation are located in Tab F of the Final Report

TABLE 1

| TYPE OR LOCATION OF RECORDABLE INDICATION (RI) | METHOD | NO. OF RI'S |
|--|------------------------|---------------------------|
| Steam Generator 1B Shell Circumferential Weld SG-W10 | Volumetric (UT) | 1 Weld |
| • Reactor Vessel Internals | Visual (VT-3) | 1 Thermocouple Conduit |
| Flange Bolting | Visual (VT-1 and VT-3) | 1 Flange |
| Valve Bonnet Bolting | Visual (VT-3) | 3 Valves |
| System Leakage Pressure Tests | Visual (VT-2) | 30 Items |

- 1. Recordable Indications were recorded on Steam Generator 1B Circumferential Girth Weld SG-W10. The 43 Separate Indications were previously recorded during the 1996 and 2001 Refueling Outages. A comparison of the length, amplitude, and position of the signal response between 1996, 2001 and 2006 revealed no discernible changes, indicating that the flaws are stable and have not grown in size. Indications were acceptable either by ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda or by Fracture Analysis as provided in Westinghouse Electric Corporation WCAP 11476 Rev. 3 Handbook on Flaw Evaluation Kewaunee Unit 1 Steam Generator Upper Shell to Cone Weld, May 1991 and evaluation by Kewaunee Power Station during the 1996 and 2001 Refueling Outages.
- 2. Recordable Indication was recorded on the Reactor Vessel Upper Internals Upper Support Plate Thermocouple Conduit at Location C-3. The separated conduit cable was previously recorded in 1995 and 2004. The separated conduit at location C-3 showed no noticeable change in separation and was previously acceptable under the Kewaunee Power Station Corrective Action Program.
- 3. Visual (VT-1 and VT-3) Indications were recoded on 1 Flange. The discrepancy in the actual length of the flange studs and the Quality Part Tag was evaluated by Kewaunee Power Station Engineering Personnel and accepted.
- 4. Visual (VT-3) Indications recorded on Valve Bonnet Bolting (3 Valves) were: Repaired, Reexamined and Accepted by: Kewaunee Power Station Maintenance and Inservice Inspection Personnel and reviewed by the Authorized Nuclear Inservice Inspector.

5. Visual (VT-2) Indications recorded during System Leakage Pressure Tests (30 Items) were: (1) Evaluated and Accepted or (2) Repaired, Reexamined and Accepted by: Kewaunee Power Station Maintenance Engineering, Program Engineering or Inservice Inspection Personnel and reviewed by the Authorized Nuclear Inservice Inspector.

SUMMARY

An Inservice Inspection Program Plan was performed at the Kewaunee Power Station from February 16, 2005 through November 8, 2005 (Non Refueling Outage) and September 2, 2006 through October 26, 2006 (Closing of G1 following Refueling Outage). Examinations were performed as scheduled in the Kewaunee Power Station Fourth 10-Year Inservice Inspection (ISI) Program 2004 -2014 to complete examinations for the 1st period, 4th Interval; A total of 36 Recordable Indications were detected. All Recordable Indications were corrected or accepted by ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Acceptance Criteria, Repair/Replacement or Evaluation.

Phillip C. Bukes Other 26, 2006 Phillip E. Bukes Date

Engineering Programs

Inservice Inspection Program Owner

Enclosure 7

2006 INSERVICE INSPECTION SUMMARY REPORT

EXAMINATION SUMMARY FOR INSERVICE INSPECTION CLASS MC PROGRAM FOR FIRST TEN-YEAR INTERVAL

KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

KEWAUNEE POWER STATION 2ND OUTAGE: 3RD PERIOD: 1ST INTERVAL 2006 EXAMINATION SUMMARY

INTRODUCTION

An Inservice Inspection (ISI) Program for the Class MC Reactor Building Containment Vessel was performed at the Kewaunee Power Station from April 11, 2005 through October 26, 2006 (Closing of G1 following Refueling Outage) by Kewaunee Power Station and Lambert, MacGill and Thomas Inc. examination personnel.

Examinations were performed to satisfy the requirements of:

 ASME Boiler and Pressure Vessel Code Section XI 1992 Edition up to and including 1992 Addenda

The Inservice Inspection Program Plan located under Tab C was prepared by Kewaunee Power Station for the 2nd Outage; 3rd Period; 1st Interval as identified in the Kewaunee Power Station First 10-Year Inservice Inspection (ISI) Program 1996-2006. Examinations during this Refueling Outage were performed to complete the 3rd Period, 1st Interval Examinations and to complete the 1st Ten Year Interval examination requirements of ASME Boiler and Pressure Vessel Code Section XI 1992 Edition 1992 Addenda and Kewaunee Power Station First 10-Year Inservice Inspection (ISI) Program 1996-2006.

The following items were examined for the Class MC Reactor Building Containment Vessel:

- Accessible Surface Areas
- Circumferential Weld
- Seals and Gaskets
- Airlocks
- Pressure Retaining Components

EXAMINATIONS

The examinations performed were in accordance with an approved Inservice Inspection Program Plan located under Tab C of the final report. Examination Procedures were approved prior to the start of examinations and certification documents relative to personnel, equipment and materials were reviewed and determined to be satisfactory.

Some of the arrangements and details of the Kewaunee Power Station Components and Piping Systems were designed and fabricated before ASME Boiler and Pressure Vessel Code Section XI Code requirements were established. Examinations performed were intended to examine 100% of the required surface or volume. In some cases, examinations were limited by geometric, metallurgical or design/access restrictions. In each case, the occurrence and cause of the limitation was documented. In all cases the maximum amount achievable was examined.

Witnessing and surveillance of the examinations were conducted by: Nuclear Regulatory Commission and Hartford Steam Boiler Inspection and Insurance Company of CT.

RESULTS

Examinations resulted with the following Recordable Indication being noted on the basis of procedure recording criteria, which are generally more restrictive than specified ASME Boiler and Pressure Vessel Code Section XI Acceptance Standards.

The Recordable Indication detected during the 2006 Refueling Outage is listed in Table 1 with a brief summary following. Specific data relative to the Recordable Indication disposition by acceptance per ASME Boiler and Pressure Vessel Code Section XI 1992 Edition 1992 Addenda Acceptance Criteria, Repair/Replacement or Evaluation is located in Tab F of the Final Report.

TABLE 1

| TYPE OR LOCATION OF RECORDABLE INDICATION (RI) | METHOD | NO. OF RI'S |
|--|-------------------------|-------------|
| Reactor Building Containment Vessel | General Visual and VT-3 | 1 Plate |

1. General Visual and VT-3 Indication consisting of a scab type indication 3" x 4" located on Plate 158. This scab type indication was accepted by Structural Engineering as a Preservice Surface Imperfection during the 2004 Refueling Outage. Reexamination during the 2006 Refueling Outage revealed no noticeable change in the indication on Plate 158 and was accepted by Kewaunee Power Station Structural Engineering.

SUMMARY

An Inservice Inspection Program for the Class MC Reactor Building Containment Vessel was performed at the Kewaunee Power Station from April 11, 2005 through October 26, 2006 (Closing of G1 following Refueling Outage). Examinations were performed as scheduled in the Kewaunee Power Station First 10-Year Inservice Inspection (ISI) Program 1996-2006. One (1) Recordable Indication was detected. The Recordable Indication was Accepted by: ASME Boiler and Pressure Vessel Code Section XI 1992 Edition 1992 Addenda Acceptance Criteria and Kewaunee Power Station Structural Engineering Evaluation.

Phillip E. Bukes Otober 26, 2006

Date

Engineering Programs

Inservice Inspection Program Owner

Enclosure 8

2006 INSERVICE INSPECTION SUMMARY REPORT

SUMMARY OF EXAMINATIONS THAT WERE LIMITED BY GEOMETRIC, METALLURGICAL, OR DESIGN/ACCESS RESTRICTIONS AND ASSOCIATED DATA SHEETS (1 TOTAL)

KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

Serial No. 06-748 Docket No. 50-305 Enclosure 8 Page 1 of 1

SUMMARY OF EXAMINATIONS THAT WERE LIMITED BY GEOMETRIC, METALLURGICAL, OR DESIGN/ACCESS RESTRICTIONS

| Year | Component Identification | Method of Examination | % Recorded as Not Examined and Limitation |
|------|--|-----------------------|--|
| 2006 | Steam generator 1B shell circumferential weld SG-W10 | UT | 7.9% 3 - 2" nozzles, 3 - welded pads each 7 3/4"x 10 3/4" and weld crown |

Enclosure 9

2006 INSERVICE INSPECTION SUMMARY REPORT

EXAMINATION SUMMARY FOR STEAM GENERATOR EDDY CURRENT TESTING KEWAUNEE POWER STATION

DOMINION ENERGY KEWAUNEE, INC.

Kewaunce Power Station Steam Generator Eddy Current Inspection Summary

During the fall 2006 KPS refueling outage, a steam generator inspection in accordance with KPS Technical Specification 6.22 was completed for both steam generators 1A and 1B.

Each of the following was performed in BOTH steam generators 1A and 1B

- 100% Full-Length Inspection utilizing Bobbin Coil
- 20% Hot Leg Top of Tubesheet (+/- 2") utilizing Rotating Coil, biased toward the peripheral tubes
- 20% Row 1 u-bend region utilizing Rotating Coil
- 100% of Dings, Dents, and Bulges > 2 volts with Rotating Coil
- 100% of Bobbin identified Possible Loose Parts with Rotating Coil
- 100% of Bobbin identified I-codes with Rotating Coil

No active degradation mechanisms were discovered during the fall 2006 inspection.

No tubes required plugging or in situ pressure testing during the fall 2006 inspection.

To date, following the fall 2006 inspection, there are zero total tubes plugged in both steam generator 1A and 1B.

Condition Monitoring was completed. Neither steam generator 1A nor 1B exceeded any performance criteria during the last inspection cycle (since spring 2003 inspection). No damage mechanisms were required to be evaluated due to the lack of a degradation mechanism being found during the inspection. Steam Generator Operational Assessment from spring 2003 inspection was concluded to be conservative and no corrective actions were required.

There are zero tubes plugged and zero sleeves installed in both steam generator 1A and 1B. Therefore, effective plugging is 0% (zero) in both steam generator 1A and 1B.

Brent R. Dunn

Data

Engineering Programs

Steam Generator Program Owner