



Kewaunee Nuclear Power Plant
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Kewaunee, WI 54216-9511
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Kewaunee / Point Beach Nuclear
Operated by Nuclear Management Company, LLC

NRC-02-015

February 22, 2002

10CFR50.55a

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

Ladies and Gentlemen:

Docket 50-305
Operating License
Kewaunee Nuclear Power Plant
2001 Inservice Inspection (ISI) Summary Report

As required by ASME Boiler and Pressure Vessel Code, Section XI; Code of Federal Regulation 10CFR50.55a; and Wisconsin Administrative Code, Subchapter V ILHR 41.55(3) and ILHR 41.56; various ISI examinations were performed as part of the 2001 Refueling Outage. The outage took place from September 24, 2001 through December 4, 2001; i.e. closing of G1. This letter transmits the Inservice Inspection Summary Report as required by paragraph IWA-6230 of Section XI.

Two separate ASME Section XI inservice examination programs are implemented at the KNPP. One program is for pressure retaining piping/vessel and component supports and the other program for the metal containment. The 2001 refueling outage constituted the first inspection year of the third period of the third interval for the piping/vessel and component support program, including preservice examinations associated with steam generator replacement. The 2001 refueling outage was also the first inspection year of the second period of the first interval for the metal containment program. Examinations for the piping/vessel and component support program, including preservice examinations associated with steam generator replacement, were performed in accordance with the ASME Boiler and Pressure Vessel Code Section XI 1989 Edition. Examinations for the metal containment program were performed in accordance with the 1992 Edition up to and including the 1992 Addenda of Section XI of the ASME Boiler and Pressure Vessel Code. These requirements were implemented in accordance with the "Kewaunee Nuclear Power Plant Third Ten-Year Inservice Inspection (ISI) Program 1994-2004," "Kewaunee Nuclear Power Plant First 10-Year Inservice Inspection Class MC (ISI) Program 1996-2006," Plant Technical Specifications, and nondestructive examination procedures.

A047

The following items were examined for Class 1, Class 2, Class 3 Components and their supports:

1. Reactor Vessel Closure Head Flange Weld
2. Reactor Vessel Closure Head Studs, Nuts, Washers and Control Rod Drive Mechanisms
3. Pressurizer Circumferential and Longitudinal Welds
4. Steam Generator Head Circumferential Weld, Nozzle Inside Radius Sections and Nozzle To Shell Weld
5. Reactor Coolant Pump Main Flange Bolting and No. 1 Seal Housing Bolting
6. Seal Water Injection Filter Shell Circumferential Weld
7. Letdown Heat Exchanger Head Circumferential Weld
8. Charging Pump Pulsation Dampener Head Circumferential Weld
9. Class 1 Valve Bodies
10. Class 1 and Class 2 Piping Welds
11. Class 1 Piping Integrally Welded Attachment
12. Class 2 Piping Integrally Welded Attachments
13. Class 2 Safety Injection Pump Casing Weld and Welded Attachments
14. Class 1, Class 2 and Class 3 Piping and Component Supports and Hangers
15. Class 1 and Class 2 Reactor Vessel Conoseal Bolting, Pressurizer Manway Bolting, Flange Bolting and Valve Bonnet Bolting
16. Class 1 System Leakage Test
17. Class 2 and Class 3 System Inservice and Functional System Pressure Tests

The following items were examined for the Replacement Steam Generators:

1. Replacement Steam Generators: Tubesheet to Head Welds, Nozzle Inside Radius Sections, Nozzle to Safe End Butt Welds, Primary Side Manway Bolting, Integrally Welded Attachments, Shell Circumferential Welds, Tubesheet to Shell Welds and Class 1 Support Components
2. New Class 1 Reactor Coolant Piping Welds
3. New and Replacement Class 2 Main Steam and Feedwater Piping Welds
4. Reexamination of Existing Steam Generator Circumferential Welds SG-W2 and SG-W10 to verify previously recorded Ultrasonic Planar Indications
5. Existing 16", 8" and 1" Feedwater Inside Diameter Surfaces
6. Existing Steam Generator Inside Diameter Feedwater Nozzle Inner Radius and Shell Circumferential Welds
7. Existing Steam Generator Class 2 Supports

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

1. Accessible Surface Areas
2. Longitudinal Welds and Circumferential Welds
3. Sleeve to Bellows Welds
4. Flange Welds
5. Seals and Gaskets
6. Moisture Barriers
7. Dissimilar Metal Welds
8. Bolted Connections
9. Containment Penetration Bellows
10. Airlocks

The following items were examined in accordance with Kewaunee Nuclear Power Plant Technical Specifications:

1. Eddy Current Testing of Replacement Steam Generators
2. Functional Testing, Disassembly and Overhaul of Steam Generator 900 KIP Hydraulic Snubbers

In addition, the following examinations were performed in excess of ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Requirements and included:

1. Portions of the Service Water System were radiographed for wall loss, pits, nodules, and sand, mud or other sediments.
2. Balance of plant piping subject to erosion/corrosion was examined by radiographic, ultrasonic, and visual techniques.

Please find attached a copy of the following documentation that summarizes the inservice inspection activities and results for the Kewaunee Nuclear Power Plant 2001 Refueling Outage.

1. Summary of recordable indications and a description of how they were dispositioned (Attachment 1)
2. Summary of Class 1 and 2 Repairs and Replacements of Components 1 inch in diameter or smaller (Attachment 2)
3. Form NIS-1 Owner's Report for Inservice Inspections of Class 1, Class 2, and Class 3 Components (Attachment 3)
4. Form NIS-1 Owner's Report for Inservice Inspections for Class MC Components (Attachment 4)
5. Form NIS-1 Owner's Report for Inservice Inspections of Replacement Steam Generators (Attachment 5)
6. Form NIS-2 Owner's Report for Repair or Replacements (74 Total) (Attachment 6)
7. Examination Summary for Scheduled and Augmented Inservice Inspection (ISI) Program (Attachment 7)
8. Examination Summary for Inservice Inspection (ISI) Class MC Program (Attachment 8)
9. Examination Summary for Preservice Inspection (PSI) of Steam Generators (Attachment 9)
10. Examination Summary for Replacement Steam Generator Eddy Current (Attachment 10)
11. Examination Summary for Steam Generator 900 KIP Hydraulic Snubbers (Attachment 11)
12. A summary of examinations which were limited by geometric, metallurgical, or design/access restrictions and their associated data sheets (Attachment 12)

The final reports for each of these examinations are on file in the QA/QC Records Vault at the Kewaunee Nuclear Power Plant. These records are available for review as deemed necessary.

Additional Comments

The next Refueling Outage at the Kewaunee Nuclear Power Plant is tentatively scheduled for April 4, 2003 through April 30, 2003.

Sincerely,



Thomas Coutu
Manager-Kewaunee Plant

PEB/CAT

Attach.

cc - U.S. NRC - Region III (w/o attach)
U.S. NRC - Senior Resident Inspector (w/o attach)

ATTACHMENT 1

Letter from T. Coutu (NMC)

To

Document Control Desk (NRC)

Dated

February 22, 2002

Summary of Recordable Indications and Description of Disposition

TABLE 1

TYPE OR LOCATION OF RECORDABLE INDICATION (RI)	METHOD	NO. OF RI'S
Reactor Vessel Closure Head Flange Weld	Surface (MT)	1 Weld
Steam Generator Circumferential Head Weld	Volumetric (UT)	1 Weld
Seal Water Injection Filter Shell Weld	Volumetric (UT)	1 Weld
Piping Integrally Welded Attachment	Surface (PT)	1 Weld
Piping Circumferential Butt Weld	Surface (PT)	1 Weld
Piping Socket Weld	Surface (PT)	1 Weld
Reactor Vessel Conoseal Bolting	Visual (VT-3)	1 Conoseal
RC Pump No.1 Seal Housing Bolting	Visual (VT-1)	1 Pump
Pressurizer Manway Bolting	Visual (VT-3)	1 Manway
Component Supports and Hangers	Visual (VT-3)	31 Supports
Valve Bonnet Bolting	Visual (VT-1)	1 Valve
Valve Bonnet Bolting	Visual (VT-3)	6 Valves
System Pressure Tests	Visual (VT-2)	51 Items
Replacement Steam Generator Integrally Welded Attachment SG-1B-23B	Surface (MT)	1 Weld
Replacement Steam Generator Tubesheet To Head Weld SG-W32	Volumetric (UT)	1 Weld
Replacement Steam Generator Primary Side Manway SG-1B-CLMWB	Visual (VT-1)	1 Stud
Replacement Steam Generator Tubesheet To Shell Weld SG-W31	Volumetric (UT)	1 Weld
Existing Steam Generator Feedwater Nozzle Inner Radius SG-IR8	Surface (MT)	1 Nozzle
Existing Steam Generator Feedwater Nozzle Inner Radius SG-IR16	Surface (MT) & Visual (VT-1)	1 Nozzle
Existing Steam Generator Circumferential Welds SG-W2 and SG-W10	Volumetric (UT)	2 Welds
Existing 16", 8" and 1" Feedwater Piping FW-W27BC	Surface (MT)	1 ID Section
Existing 16", 8", and 1" Feedwater Piping FW-W55BC	Surface (MT) & Visual (VT-1)	1 ID Section
Reactor Building Containment Vessel	General Visual	11 Plates
Reactor Building Containment Vessel Moisture Barriers	VT-3	5 Plates
Reactor Building Containment Vessel Emergency Airlock	VT-1	1 Bolt

Disposition of Class 1, Class 2, and Class 3 indications have been completed in accordance with the rules of ASME Boiler and Pressure Vessel Code Section XI 1989 Edition and ASME Boiler and Pressure Vessel Code Section XI 1992 Edition up to and including 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. A 0.125" long linear indication was recorded on the Reactor Vessel Closure Head Flange Weld RV-W12 during performance of magnetic particle examination. This linear indication was acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3510-3.
2. A spot indication on Steam Generator 1B Circumferential Head Weld SG-W9 was recorded during performance of ultrasonic examination. This ultrasonic spot indication was acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWC-3510-1.
3. Five (5) laminar indications combined into four (4) laminar indications due to proximity of the indications. The indications are on seal water injection filter 1A circumferential shell weld AFSI-W1 and were identified during performance of ultrasonic examinations. These laminar indications were acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWC-3510-2 and were typical of laminations recorded on seal water injection filters 1A and 1B during Refueling Outages 1982, 1986, 1988, 1992 and 1998.
4. Three (3) rounded indications (0.625", 0.125" and 0.1875" in diameter) were recorded on 2" piping integrally welded attachment RSI-H72 during performance of liquid penetrant examinations. These three (3) rounded indications were acceptable per ASME Boiler and Pressure Vessel Code Section III 1989 Edition Section NC-5352(b).
5. A 0.125" long linear indication and a 0.125" rounded indication were recorded on 6" diameter Circumferential Butt Weld ICS-W43 during performance of liquid penetrant examinations. The 0.125" long linear indication was acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3514-2. The 0.125" rounded indication was acceptable per ASME Boiler and Pressure Vessel Code Section III 1989 Edition Section NC-5352.
6. A 0.55" long linear indication on 2" diameter socket weld SI-W6S was recorded during performance of liquid penetrant examinations. This linear indication was unacceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3514-2. The linear indication was removed under Work Order 01-016342 by light filing with a jewelers file, reexamined and accepted with no indications.

7. Visual (VT-1, VT-2 and VT-3) indications were recorded on reactor vessel conoseal bolting, reactor coolant Pump No. 1 seal housing bolting, pressurizer manway bolting, valve bonnet bolting, piping supports and hangers and during system pressure tests. The indications were either (1) evaluated and accepted or (2) repaired, reexamined and accepted by: Nuclear Management Company, LLC - Maintenance, Quality Control, Engineering and Technical Support or Inservice Inspection Personnel and reviewed by the Authorized Nuclear Inservice Inspector.
8. Two (2) separate linear indications on replacement steam generator 1B integrally welded attachment SG-1B-23B were recorded during performance of magnetic particle examinations. These two linear indications due to their close proximity to each other were classified as one linear indication with a length of 0.21875." This linear indication was acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Sections IWB-3516.1, IWB-3510.3 and IWB-3510-3.
9. Ultrasonic recordable indications at three separate locations on replacement steam generator 1B tubesheet to head weld SG-W32 were noted during performance of manual ultrasonic examinations. These three separate planar indications were acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3510-1.
10. One visual indication was recorded by the VT-1 method on replacement steam generator 1B primary side manway stud SG-1B-CLMWB#17. Although this primary manway stud was acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Section IWB-3517.1 (b), a new VT-1 acceptable replacement stud was installed.
11. Ultrasonic recordable indication at one location on replacement steam generator 1B tubesheet to shell weld SG-W31 was noted during performance of manual ultrasonic examination. This planar indication was acceptable per ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3510-1.
12. Recordable indications on the existing steam generator 1B feedwater nozzle inside radius section SG-IR8 were recorded during augmented examination by magnetic particle. These indications were repaired by Bechtel Corporation under Bechtel's NCR's and Kewaunee Nuclear Power Plant Work Orders as part of replacement steam generator activities.
13. Recordable indications on the existing steam generator 1A feedwater nozzle inside radius section SG-IR16 were recorded during augmented examinations by magnetic particle and visual (VT-1) methods. These indications were repaired by Bechtel Corporation under Bechtel's NCR's and Kewaunee Nuclear Power Plant Work Orders as part of replacement steam generator activities.

- 14/15. Prior to severing the existing steam generators and following welding the replacement steam generators to the existing steam generators a manual ultrasonic examination was performed on the existing circumferential shell welds SG-W2 and SG-W10 to ensure that there was no growth in the previously recorded planar indications. These indications were recorded in 1991 for SG-W2 and in 1991 and 1996 for SG-W10. All indications previously recorded as well as new indications recorded due to amplitude recording criteria change were acceptable either by ASME Boiler and Pressure Vessel Code Section XI 1989 acceptance standards 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 Nuclear Power Plant during 1996 and 2001 Refueling Outages.
16. Recordable indications on Loop A existing 16", 8" and 1" feedwater piping inner diameter surface for FW-W27BC were recorded during augmented magnetic particle examinations. These indications were repaired by Bechtel Corporation under Kewaunee Nuclear Power Plant Work Orders generated during steam generator replacement activities.
17. Recordable indications on Loop B existing 16", 8" and 1" feedwater piping inner diameter Surface for FW-W55BC were recorded during augmented examinations by magnetic particle and visual (VT-1) methods. These indications were repaired by Bechtel Corporation under Kewaunee Nuclear Power Plant Work Orders generated during steam generator replacement activities.
18. General visual indication consisting of a 4" x 8" surface defect was recorded on Plate 155. This surface defect was previously recorded and accepted in 1998 and showed no change in dimension or surface condition during the 2001 Refueling Outage.
19. General visual indication consisting of a slight inward bulge on Plates 74, 75, and 83 was recorded. The slight inward bulge was evaluated by Engineering and accepted under Kewaunee Nuclear Power Plant Specification TS-1052, Addendum No. 4, Item No. 19 Section 10.3 - Shell Tolerance.
20. General visual indication consisting of slight outward bulges on Plates 144, 145, 146, 147 and 148 were recorded. The slight outward bulges were evaluated and accepted by Engineering Analysis.
21. General visual indications consisting of weld deposits on Plate 62 and arc strikes on Plate 99 were recorded and are acceptable per ASME Boiler and Pressure Vessel Code Section XI 1992 Edition 1992 Addenda.
22. VT-3 indications consisting of lack of bonding and tears were recorded in the moisture barriers on Plates 62, 64, 65, 66 and 67 and were repaired under Work Order 01-018045.
23. A VT-1 indication on an emergency airlock bolt was recorded and was repaired under Work Order 01-018283.

ATTACHMENT 2

Letter from T. Coutu (NMC)

To

Document Control Desk (NRC)

Dated

February 22, 2002

Summary of Class 1 and 2 Repairs and Replacement of Components 1 inch in
Diameter or Smaller

The following summarizes the repairs and replacements performed following the 2000 Refueling Outage and during the 2001 Refueling Outage by grinding, buffing, filing, cutting or welding on the Class 1 and Class 2 pressure boundary. These repairs and replacements are in addition to those itemized on the attached Forms "NIS-2 Owner's Report for Repairs or Replacements."

Component	Class	Reference	Repair/Replacement Method
3/4" Valve PS-2A	1	XK-100-10	Cutting and Welding of Replacement Valve
3/4" Valve PS-30	1	XK-100-10	Cutting and Welding of Replacement Valve
1" Valve RC-45A	1	XK-100-10	Cutting and Welding of Replacement Valve and Piping
1" Valve RC-45B	1	XK-100-10	Cutting and Welding of Replacement Valve and Piping
Replacement Steam Generator 1B 1/2" Internal Nozzle Drain Line	1	XK-100-10	Repair by Welding Fillet Weld
3/4" Valve CVC-21070-1	1	XK-100-35	Cutting and Welding of Replacement Valve
Replacement Steam Generators 1A and 1B: 2", 1" and 3/4" Piping	2	M-203	Buffing and Grinding involving Metal Removal for Arc Strikes, Gouges and Weld Spatter
Replacement Steam Generators 1A and 1B Secondary Side Hand Holes	2	M-205	Machining involving Metal Removal for Pitting

ATTACHMENT 3

Letter from T. Coutu (NMC)

To

Document Control Desk (NRC)

Dated

February 22, 2002

FORM NIS-1 Owner's Report for Inservice Inspections of
Class 1, Class 2, Class 3 Components

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES**

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307- 9001
2. PLANT – KEWAUNEE, N490 HIGHWAY 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 -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Reactor Vessel RV	Combustion Engineering	CE69202	U11480	21010
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 AHXL-1A	Sentry	3996-5E	U11407	364
Excess Letdown Heat Exchanger AHXL-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	---	---
Residual Heat Exchanger AHRS1-1A	Joseph Oat and Sons	1817-1E	U11046	344

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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
Regenerative Heat Exchanger ARG	Joseph Oat and Sons	1831-13	U11409 U11410 U11411	413 414 415
Letdown Heat Exchanger AHLD	Atlas	1206	U11405	1031

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<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
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	---	---
Refueling Water Storage Tank	General American Transportation Company	C-8297/1969	---	---
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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<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Auxiliary Feedwater Pump APFM-1A Motor Driven	Pacific Pump	46573	---	---
Auxiliary Feedwater Pump APFM-1B Motor Driven	Pacific Pump	46574	---	---
Auxiliary Feedwater Pump APFT Turbine Driven	Pacific Pump	46575	---	---
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	---	---

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Containment Fan Cooler AHCF-1C	Joy Manufacturing and American Air Filter	GF14401	---	---
Containment Fan Cooler AHCF-1D	Joy Manufacturing and American Air Filter	GF14400	---	---
Safety Injection Pump APSI-1A	Bingham Pump	290696	---	---
Safety Injection Pump APSI-1B	Bingham Pump	290697	---	---
Safety Injection Pump Lube Oil Cooler AHSC-1A	Thermxchanger	X10199A2	---	---
Safety Injection Pump Lube Oil Cooler AHSC-1B	Thermxchanger	X10199A3	---	---
Safety Injection Pump Heat Exchangers (2) AHSC-1A	Borg Warner	854030:854030	---	---

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2. PLANT - KEWAUNEE, N490 HIGHWAY 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 -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Safety Injection Pump Heat Exchangers (2) AHSC-1B	Borg Warner	854030:854030	---	---
Residual Heat Removal Pump AHRHRP-1A Shaft Seal Heat Exchanger	Borg Warner	681N0276	---	---
Residual Heat Removal Pump AHRHRP-1B Shaft Seal Heat Exchanger	Borg Warner	681N0276	---	---
Accumulator Tank ACC-1A	Wyatt	H-5645-69	U11397	---
Accumulator Tank ACC-1B	Wyatt	H-5644-69	U11398	---
Containment Spray Pump APCS-1A	Ingersoll Rand	0670-74	---	---
Containment Spray Pump APCS-1B	Ingersoll Rand	0670-75	---	---
Containment Spray Pump APCS-1A Gland Seal Cooler	Helliflow	49486938	---	---

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES**

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307- 9001
2. PLANT -- KEWAUNEE, N490 HIGHWAY 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 -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Containment Spray Pump APCS-1B Gland Seal Cooler	Helliflow	6080694	---	---
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	VTP27739	---	---
Spent Fuel Pool Heat Exchanger AHSF	Struther Wells	1-68-06-1519	U11445	---
Main Steam Moisture Separator	Wright Austin	6230	X.R.	6008
Spent Fuel Pool Pump APSF-1A	Gould Pumps	786A519.1	---	---

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES**

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307- 9001
2. PLANT – KEWAUNEE, N490 HIGHWAY 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 -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Spent Fuel Pool Pump APSF-1B	Gould Pumps	786A519.2	---	---
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	S-15748-A	U11426	1139
Component Cooling Heat Exchanger AHCC2-1B	Engineers and Fabricators	S-15748-B	U11427	1140

FORM NIS-1 (Back)

8. Examination Dates March 27, 2001 to December 6, 2001
9. Inspection Period Identification 3rd
10. Inspection Interval Identification 3rd
11. Applicable Edition of Section XI 1989 Addenda None
12. Date/Revision of Inspection Plan November 27, 2000/Revision 2
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference Tab C
14. Abstract of Results of Examinations and Tests. Reference Tab B and Tab F

15. Abstract of Corrective Measures. Reference Tab B and Tab F
- Utilization of ASME Boiler and Pressure Vessel Code Section XI:
Code Cases N-416-1, N-416-2, N-460, N-491, N-498 and N-498-1.

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

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

Date January 23 2002 Signed WI Public Service By T. Carter
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of WISCONSIN and employed by HARTFORD STEAM Boiler CT of HARTFORD CT. have inspected the components described in this Owner's Report during the period MARCH 27, 2001 to DECEMBER 6, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Roger McGinnis Commissions NB 7741 Wis/00024 I, N, A, IS
Inspector's Signature National Board, State, Province, and Endorsements

Date January 23 2002

ATTACHMENT 4

Letter from T. Coutu (NMC)

To

Document Control Desk (NRC)

Dated

February 22, 2002

FORM NIS-1 Owner's Report for Inservice Inspections for
Class MC Components

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES**

- 1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307- 9001**
- 2. PLANT – KEWAUNEE, N490 HIGHWAY 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 -**

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Reactor Building Containment Vessel	Chicago Bridge and Iron Company	C4454	U11423	---
Personnel Airlock	Chicago Bridge and Iron Company	C4454	U11423	---

FORM NIS-1 (Back)

8. Examination Dates September 18, 2001 to December 4, 2001
9. Inspection Period Identification 2nd
10. Inspection Interval Identification 1st
11. Applicable Edition of Section XI 1992 Addenda 1992
12. Date/Revision of Inspection Plan September 26, 2000/Revision 1
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference Tab C
14. Abstract of Results of Examinations and Tests. Reference Tab B and Tab F
15. Abstract of Corrective Measures. Reference Tab B and Tab F

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

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
 Date January 23 ~~19~~ 02 Signed WI Public Service By T. Cantor
20 Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of WISCONSIN and employed by HARTFORD STEAM Boiler Co of HARTFORD CT have inspected the components described in this Owner's Report during the period September 18, 2001 to December 4, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Rogn M. Mueni Commissions NB 7741 WIS 100024 I, N, A, IS
Inspector's Signature National Board, State, Province, and Endorsements
 Date January 23 ~~19~~ 02

ATTACHMENT 5

Letter from T. Coutu (NMC)

To

Document Control Desk (NRC)

Dated

February 22, 2002

FORM NIS-1 Owner's Report for Inservice Inspections of
Replacement Steam Generators

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES**

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307- 9001
2. PLANT – KEWAUNEE, N490 HIGHWAY 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 -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Steam Generator SG-1A	Ansaldo Energia Milano	0202	U11400	151
Steam Generator SG-1B	Ansaldo Energia Milano	0201	U11401	150
Steam Generator SG-1A	Westinghouse	1141	U11400	68-28
Steam Generator SG-1B	Westinghouse	1142	U11401	68-29
Steam Generator 1A Safe End Welds	Ansaldo Energia Milano	NA	NA	NA
Steam Generator 1B Safe End Welds	Ansaldo Energia Milano	NA	NA	NA
Class 1 Reactor Coolant Piping Installation Welds	Bechtel Corporation	NA	NA	NA
Class 2 Main Steam Piping Installation Welds	Bechtel Corporation	NA	NA	NA

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
AS REQUIRED BY THE PROVISIONS OF THE ASME CODE RULES**

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307- 9001
2. PLANT – KEWAUNEE, N490 HIGHWAY 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 -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Class 2 Feedwater Piping Installation Welds	Bechtel Corporation	NA	NA	NA
Class 2 Feedwater Nozzle Adapter and Nozzle to Pipe Installation Welds	Bechtel Corporation	NA	NA	NA

FORM NIS-1 (Back)

8. Examination Dates June 4, 2001 to December 4, 2001
9. Inspection Period Identification 3rd
10. Inspection Interval Identification 3rd
11. Applicable Edition of Section XI 1989 Addenda None
12. Date/Revision of Inspection Plan November 27, 2000/Revision 2
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference Tab C
14. Abstract of Results of Examinations and Tests. Reference Tab B and Tab F
15. Abstract of Corrective Measures. Reference Tab B and Tab F

Utilization of ASME Boiler and Pressure Vessel Code Section XI: Code Cases N-416-2 and N-460.

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

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
 Date January 23 10 20 Signed WI Public Service By T. Coulter
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of WISCONSIN and employed by HARTFORD STEAM BOILER CT. of HARTFORD CT have inspected the components described in this Owner's Report during the period June 4, 2001 to December 4, 2001, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Roger M. Muen Commissions NB 7741 WIS 1000024 I, N, A, IS
Inspector's Signature National Board, State, Province, and Endorsements
 Date January 23 10 20

ATTACHMENT 6

Letter from T. Coutu (NMC)

To

Document Control Desk (NRC)

Dated

February 22, 2002

FORM NIS-2 Owner's Report for Repair or Replacement (74 Total)

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-016956

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 2 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H70	ITT GRINNELL VALVE COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 SAFETY INJECTION SYSTEM 2" HANGER RSI-H70 DUE TO MISSING JAM NUT.

8. Tests conducted

Hydrostatic

☐

Pneumatic

☐

Nominal Operating Pressure

☐

Exempt ☒

Other

☐

Pressure

psi

Test Temp.

deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/1/2001

Name of Component: RSI-H70

Work Order Number: 01-016956

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Buter Insurance Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Roger Moten
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-016956

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 2 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H73	ITT GRINNELL VALVE COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 SAFETY INJECTION SYSTEM 2" HANGER RSI-H73 DUE TO UNSPREAD COTTER PIN.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/1/2001

Name of Component: RSI-H73

Work Order Number: 01-016956

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillips C. Baker Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Arza Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-016956

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 2 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H74	ITT GRINNELL VALVE COMPANY	NA	NA	NA	1967	REPAIRED	

7. Description of Work REPAIR CLASS 2 SAFETY INJECTION 2" HANGER RSI-H74 DUE TO LOOSE NUT.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/1/2001

Name of Component: RSI-H74

Work Order Number: 01-016956

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillips C. Bikes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Roger Wagner
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/16/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018043

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 05A Class 2 FEEDWATER

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FDW-H170	ITT GRINNELL COMPANY	NF	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 FEEDWATER SYSTEM 16" SUPPORT FDW-H170 DUE TO LOOSE NUTS.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/16/2001

Name of Component: FDW-H170

Work Order Number: 01-018043

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillips C. Bikes Insurance Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Ryan Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/16/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018044

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 05B Class 2 AUXILIARY FEEDWATER

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FDW-H39	ITT GRINNELL COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" HANGER FDW-H39 DUE TO LOOSE NUT ON PIPE CLAMP.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/16/2001

Name of Component: FDW-H39

Work Order Number: 01-018044

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bakes Inservice Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Loza M. M. M.
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 05B Class 2 AUXILIARY FEEDWATER
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 11/15/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-018044
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FDW-H43	ITT GRINNEL COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" HANGER FDW-H43 DUE TO LOOSE NUT ON THE PIPE CLAMP.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

 Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/15/2001

Name of Component: FDW-H43

Work Order Number: 01-018044

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. M...
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/16/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018044

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 05B Class 2 AUXILIARY FEEDWATER

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FDW-H44	ITT GRINNEL COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" HANGER FDW-H44 DUE TO LOOSE NUT ON THE PIPE CLAMP.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/16/2001

Name of Component: FDW-H44

Work Order Number: 01-018044

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Baker Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Motym
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 89A Class MC BUILDINGS - STRUCTURES
5. (a) Applicable Construction Code SEC. III-CL.B-1965W
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Date 11/24/2001

Sheet 1 of 2

Unit No. 1

Work Order 01-018045

Type Code Sym. Stamp NA

Authorization No. NA

Expiration Date NA

Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RBCV	CHICAGO BRIDGE AND IRON	C4454	NA	1S-0002	1969	REPAIRED	Y

7. Description of Work REPAIR CLASS MC (METAL CONTAINMENT) REACTOR BUILDING CONTAINMENT VESSEL MOISTURE BARRIER BONDING BETWEEN ELEVATION 606' AND METAL CONTAINMENT.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/24/2001

Name of Component: RBCV

Work Order Number: 01-018045

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillips C. Rufes Insurance Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018277

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 1 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-13B	VELAN VALVE CORPORATION	NF	NA	SI116-002	1967	REPLACEMENT	N

7. Description of Work REPAIR CLASS 1 6" SAFETY INJECTION SYSTEM VALVE SI-13B DUE TO 4 PIN HOLE LEAKS IN THE SEAL WELD INCLUDING REPLACING 4 STUDS.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/1/2001

Name of Component: SI-13B

Work Order Number: 01-018277

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/21/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018283

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 89A Class MC BUILDINGS - STRUCTURES

Expiration Date NA

5. (a) Applicable Construction Code SEC. III-CL.B-1965W

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1992 ADDENDA

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
EMRG. AIRLOCK	CHICAGO BRIDGE AND IRON	C4454	NA	1S-0002	1969	REPAIRED	Y

7. Description of Work REPAIR CLASS MC METAL CONATINMENT EMERGENCY AIRLOCK DUE TO BOLT NOT FLUSH WITH SURFACE.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/21/2001

Name of Component: EMRG. AIRLOCK

Work Order Number: 01-018283

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018402

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 1 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-13B	VELAN VALVE CORPORATION	NF	NA	SI116-002	1967	REPAIRED	N

7. Description of Work REMOVE GOUGES AND PREPARE GASKET SURFACE OF CLASS 1 SAFETY INJECTION SYSTEM 6" VALVE SI-13B BONNET SURFACE.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/1/2001

Name of Component: SI-13B

Work Order Number: 01-018402

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Insurance Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan McGinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/26/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018522

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-H18	ITT GRINNELL VALVE COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 8" HANGER RHR-H18 DUE TO LOAD SETTING OF SCALE.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/26/2001

Name of Component: RHR-H18

Work Order Number: 01-018522

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/26/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018522

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-H24	ITT GRINNELL VALVE COMPANY	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 8" HANGER RHR-H24 DUE TO MISALIGNMENT OF SUPPORT.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/26/2001

Name of Component: RHR-H24

Work Order Number: 01-018522

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes, Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Matsum
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/26/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-018525

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 1 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H7	ITT GRINNELL VALVE CO.	NA	NA	NA	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 1 SAFETY INJECTION SYSTEM 2" SUPPORT RSI-H7 DUE TO DAMAGED SPRING CAN.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/26/2001

Name of Component: RSI-H7

Work Order Number: 01-018525

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code B31.1-1967
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Date 12/19/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-018670
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-3B	CRANE COMPANY	NF	NA	AC034-002	1972	REPAIRED	N

7. Description of Work REPAIR BONNET TO BODY LEAK BY TORQUING BOLTING ON CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 8" VALVE RHR-3B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/19/2001

Name of Component: RHR-3B

Work Order Number: 01-018670

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Roger Magnus
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 97-212982

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 33 Class 2 SAFETY INJECTION

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-9B	VELAN VALVE CORPORATION	NA	NA	SI012-002	1967	REPAIRED	N

7. Description of Work OPEN FOR REPACKING CLASS 2 SAFETY INJECTION SYSTEM 3" VALVE SI-9B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 2190 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/1/2001

Name of Component: SI-9B

Work Order Number: 97-212982

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bueke Inservice Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. [Signature]
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/3/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 00-003219

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 36 Class 1 REACTOR COOLANT

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
LD-3	MASONEILAN INTERNATIONAL	H46695-1-2	NA	RC011-002	1970	REPLACED	N

7. Description of Work DISASSEMBLE AND INSPECT CLASS 1 REACTOR COOLANT SYSTEM 2" VALVE LD-3 AND REPLACE 8 STUDS AND 8 NUTS.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: LD-3

Work Order Number: 00-003219

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rozyn Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 05A Class 2 FEEDWATER
5. (a) Applicable Construction Code NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Date 12/3/2001
Sheet 1 of 2
Unit No. 1
Work Order 00-004319
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SG-AH-1	MCDOWELL WELLMAN	25.12620.004-1	NA	1S-0066	1971	REPLACEMENT	N

7. Description of Work REBUILD 900 KIP HYDRAULIC SNUBBER ON CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM STEAM GENERATOR 1A.

8. Tests conducted
- | | | | | | | | |
|-------------|--------------------------|-----------|--------------------------|----------------------------|--------------------------|--------|-------------------------------------|
| Hydrostatic | <input type="checkbox"/> | Pneumatic | <input type="checkbox"/> | Nominal Operating Pressure | <input type="checkbox"/> | Exempt | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> | Pressure | psi | Test Temp. | deg. F | | |

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: SG-AH-1

Work Order Number: 00-004319

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes Insurance Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. Givins
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/3/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 00-004319

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 05A Class 2 FEEDWATER

Expiration Date NA

5. (a) Applicable Construction Code NA

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SG-AH-2	MCDOWELL WELLMAN	25.12620.004-7	NA	1S-0066	1971	REPLACEMENT	N

7. Description of Work REBUILD 900 KIP HYDRAULIC SNUBBER ON CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM STEAM GENERATOR 1B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☐ Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: SG-AH-2

Work Order Number: 00-004319

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Buker, Inservice Inspection Program Owner
Owner or Owner's Designee, Title

Date

January 4, 20 02

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date

February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL
5. (a) Applicable Construction Code NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Date 2/26/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-001998
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-1B	AJAX IRON WORKS	6576	NA	00076	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1B SUCTION VALVE.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 26 psi Test Temp. 115 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 2/26/2001

Name of Component: APCH-1B

Work Order Number: 01-001998

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Burke Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation Date 12/3/2001
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9511 Work Order 01-002115
3. Work Performed By Nuclear Management Company, LLC Type Code Sym. Stamp NA
700 First Street, Hudson, Wisconsin 54016 Authorization No. NA
4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case N-416-2
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-W76DM	PCI ENERGY SERVICES	110/1M	NA	NA	2001	REPLACED	N

7. Description of Work REPLACED WELD FOR CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A NOZZLE TO SAFE END WELD.
8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F
9. Remarks UTILIZATION OF ASME BOILER AND PRESSURE VESSEL CODE SECTION XI: CODE CASE N-416-2 PER NRC APPROVAL OF RELIEF REQUEST RR-G-4.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: RC-W76DM

Work Order Number: 01-002115

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Burke Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Loza M. M. M.
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation Date 12/3/2001
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9511 Work Order 01-002115
3. Work Performed By Nuclear Management Company, LLC Type Code Sym. Stamp NA
700 First Street, Hudson, Wisconsin 54016 Authorization No. NA
4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case N-416-2
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-W77DM	PCI ENERGY SERVICES	NA	NA	NA	2001	REPLACED	N

7. Description of Work REPLACED WELD FOR CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A NOZZLE TO SAFE END.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks UTILIZATION OF ASME BOILER AND PRESSURE VESSEL CODE SECTION XI: CODE CASE N-416-2 PER NRC APPROVAL OF RELIEF REQUEST RR-G-2.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: RC-W77DM

Work Order Number: 01-002115

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Roger McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/3/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-002115

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 36 Class 1 REACTOR COOLANT

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case N-416-2

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-W78DM	PCI ENERGY SERVICES	110/2	NA	NA	2001	REPLACED	N

7. Description of Work REPLACED WELD FOR CLASS 1 REACTOR COOLANT SYTEM STEAM GENERATOR 1B NOZZLE TO SAFE END WELD.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks UTILIZATION OF ASME BOILER AND PRESSURE VESSEL CODE SECTION XI: CODE CASE N-416-2 PER NRC APPROVAL OF RELIEF REQUEST RR-G-4.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: . 12/3/2001

Name of Component: RC-W78DM

Work Order Number: 01-002115

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Burke Inservice Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

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Doyle Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 36 Class 1 REACTOR COOLANT
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 12/3/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-002115
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case N-416-2

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-W79DM	PCI ENERGY SERVICES	110/1	NA	NA	2001	REPLACED	N

7. Description of Work REPLACED WELD FOR CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1B NOZZLE TO SAFE END.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks UTILIZATION OF ASME BOILER AND PRESSURE VESSEL CODE SECTION XI: CODE CASE N-416-2 PER NRC APPROVAL OF RELIEF REQUEST RR-G-4.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: RC-W79DM

Work Order Number: 01-002115

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Roger Morgan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/1/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-003411

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL

Expiration Date NA

5. (a) Applicable Construction Code SECTION III CLASS 2

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-33-1	CROSBY VALVE AND GAGE COMPANY	N62651-00-0001	NA	AC115-001	1978	REPAIRED	N

7. Description of Work REMOVE FOR TESTING CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 4" VALVE RHR-33-1.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 150 psi Test Temp. 60 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/1/2001

Name of Component: RHR-33-1

Work Order Number: 01-003411

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bakes Insurance Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

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Roger M. Mignini
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 12/1/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-003412
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-33	CROSBY ASHTON GAGE COMPANY	NF	NA	AC107-001	1971	REPAIRED	N

7. Description of Work REMOVE FOR TESTING CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 2" VALVE RHR-33.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 150 psi Test Temp. 60 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/1/2001

Name of Component: RHR-33

Work Order Number: 01-003412

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Lozan Matyuan
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/26/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-004985

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CI-1003	WILLIAM POWELL CO.	NF	NA	ICS022-001	1968	REPAIRED	N

7. Description of Work OPEN FOR INSPECTION CLASS 2 CONTAINMENT SPRAY 2" VALVE CI-1003.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 31 psi Test Temp. 69.6 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/26/2001

Name of Component: CI-1003

Work Order Number: 01-004985

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Duker Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Roger M. M...
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 33 Class 1 SAFETY INJECTION
5. (a) Applicable Construction Code B16.5-1967
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 12/3/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-005010
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-21A	ANCHOR/DARLING ENTERPRISES	11542-13	NA	SI115-003	1970	REPAIRED	N

7. Description of Work OPEN FOR INSPECTION CLASS 1 SAFETY INJECTION SYSTEM 12" VALVE SI-21A.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: SI-21A

Work Order Number: 01-005010

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Baker Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan McGinnis
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 33 Class 1 SAFETY INJECTION
5. (a) Applicable Construction Code B16.5-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 12/3/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-005011
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-21B	ANCHOR/DARLING VALVE COMPANY	NF	NA	SI115-004	1970	REPAIRED	N

7. Description of Work OPEN FOR INSPECTION CLASS 1 SAFETY INJECTION SYSTEM 12" VALVE SI-21B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: SI-21B

Work Order Number: 01-005011

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Burke / Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-26-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Matyeni
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation Date 11/26/2001
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9511 Work Order 01-005012
3. Work Performed By Nuclear Management Company, LLC Type Code Sym. Stamp NA
700 First Street, Hudson, Wisconsin 54016 Authorization No. NA
4. Identification of System 33 Class 1 SAFETY INJECTION Expiration Date NA
5. (a) Applicable Construction Code B16.5-1967 Code Case NA
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-22A	ANCHOR/DARLING ENTERPRISES	NF	NA	SI115-001	1970	REPAIRED	N

7. Description of Work OPEN FOR INSPECTION CLASS 1 SAFETY INJECTION SYSTEM 12" VALVE SI-22A.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 750 psi Test Temp. 63 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/26/2001

Name of Component: SI-22A

Work Order Number: 01-005012

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes / Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Logan McGinnis
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 3

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-007152	M-FCU-385	REMOVE AND RECONNECT SW PIPING TO CFCU'S

3. Work Performed by: Bechtel Construction

4. Identification of System: 02 Class: 3 Name: SERVICE WATER

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
See continuation sheet, page 3							

7. Description of Work: REMOVE AND REINSTALL SERVICE WATER SYSTEM CONTAINMENT COOLING
CONTAINMENT FAN COIL UNITS C AND D AND ASSOCIATED SERVICE WATER LINES

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other: ☐ Pressure: 92 psi Test Temp: 44.2°F

Date: 12/12/01

Name of Component: SERVICE WATER

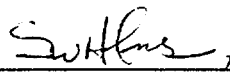
Work Order Number: 01-007152

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed:  R. Ward, RWP Performance Supervisor Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward)

Inspector's Signature

Commissions

NB 11557ANS WI 246444
National Board, State, Province, and Endorsements

Date: 12-18- 2001

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

Continuation Sheet

Name of Component SERVICE WATER

Work Order Number: 01-007152

[illegible]

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 5

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit : No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008137	M-ULR-311	Remove & Modify Upper Lateral

3. Work Performed by: Bechtel Construction

4. Identification of System: 05A Class : 2 Name: "A" Upper Lateral including Spring Cans & Snubber

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed. , No Add. Code Case: N/A

6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N/A

7. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
See continuation sheet, page 3							

8. Description of Work: Repaired Upper Lateral Restraint and replacement of bolting and shims for upper lateral

9. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other: ☐ Pressure: psi Test Temp °F

Date: 12/12/01

Name of Component: UPPER LATERAL RESTRAINT SYSTEM.

Work Order Number: 01-008137

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KIPP Performance SPU Date 12/13/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward) [Signature] Commissions NB 11557 AND WB 246444
Inspector's Signature National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
"A" Hydraulic Snubber	McDowell Wellman	25.12620.004-1	N/A	1S-0066	1971	Repaired	No
"A" Upper Lateral Ring Girder	N/A	N/A	N/A	N/A	N/A	Repaired	No
Splice Plate, Ring Girder, ASTM A588, Gr. A	Colonial	Ht. No. 412H07	N/A	N/A	2001	Replacement	No
Splice Plate Bolt, ASTM A540, Gr.B23, Cl. 2	Colonial	HT No. 10187-RYE	N/A	N/A	2001	Replacement	No
Splice Plate Heavy Hex. Nuts, A194, Gr. 2H	Colonial	Ht. No. 8994464 Trace Code SBG	N/A	N/A	2001	Replacement	No
Splice Plate Washers, F436	Colonial	Ht. No. Y85307 Trace Code SBH	N/A	N/A	2001	Replacement	No
Splice Plate Heavy Hex Nuts, A194, Gr. 2H	Colonial	Ht. No. S42483 Trace Code IUUV	N/A	N/A	2001	Replacement	No
Bumper Plate, A588 GR A	Colonial	Ht. No. B1S6214	N/A	N/A	2001	Replacement	No
Side Bumper Bearing Plate, A588	Colonial	Ht. No. 1B518	N/A	N/A	2001	Replacement	No
¾" Threaded Rod, A540 Gr. B23, Cl. 2	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
¾" Hex. Nut, A563	Colonial	Ht. No. 34467PJ	N/A	N/A	2001	Replacement	No
Washer, F436	Colonial	Ht. No. 107494	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. E1F023-A12	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. E1G119-A16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. E1G119-A16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. B1F669-C16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. T2866	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. A1C202-B20	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. A1D370-B32	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. B1E825-B16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. B1F555-C23	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. 64595	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. Y07405	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. 65747	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. M06708	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate, A36	Colonial	Ht. No. A1T128'3	N/A	N/A	2001	Replacement	No
3/8" Threaded Rod, A307, Gr. A	Colonial	Ht. No. 813953	N/A	N/A	2001	Replacement	No

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
Heavy Hex Nuts, A563, Gr. A	Colonial	Ht. No. A61415	N/A	N/A	2001	Replacement	No
Std. Washer, F436, Type 1	Colonial	Ht. No. B16294	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No. A1U1599	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No. BIP5527	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No A0R0914	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No 7467439	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No 1A353	N/A	N/A	2001	Replacement	No
3/8" Hex Hd. Bolt, A307-97	Colonial	Ht. No. 8878678	N/A	N/A	2001	Replacement	No
3/8" Std. Washer, F436 Type 1	Colonial	Ht. No. B16294	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 1E479	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 1E744-A	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6386-C	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6593-C	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. 4151614	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. A86743	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. 4151614	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. R4747	N/A	N/A	2001	Replacement	No
Flat Bar Backing Strip, A36	KNPP	JB8913	N/A	QADC 01-349	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. 4125164	N/A	N/A	2001	Replacement	No
Back Bumper Bearing Plate and Pipes	Colonial	MRR-01030	N/A	N/A	2001	Replacement	No
¾" Threaded Rod, A540 Gr B23, C12	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
¾" Nut, A563	Colonial	31167PJ	N/A	N/A	2001	Replacement	No
¾" Washer, F436	Colonial	107494	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	E1F023-A12	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	E1G119-A16	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	B1F669-C16	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	T2866	N/A	N/A	2001	Replacement	No

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
Back Bumper Shim, A36	Colonial	A1C202-B20	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	A1D370-B23	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	B1E825-B16	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	B1F555-C23	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	64595	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	Y07405	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	65747	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6386-E	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6593-E	N/A	N/A	2001	Replacement	No
Snubber Bracket Shim	Colonial	Ht No C0453	N/A	N/A	2001	Replacement	No

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-013145	M-SGA-362	REMOVE SHIPPING COVER
01-013376	M-SDS-322	SEVER STEAM DOME
01-008136	M-SDA-370	REFURBISH STEAM DOME
01-013376	M-SDA-372	RE-INSTALL STEAM DOME

3. Work Performed by: Bechtel Construction

4. Identification of System: 05/06 Class: 2 Name: "A" Steam Generator Secondary Side

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
Steam Dome	Westinghouse	1141	68-28	N/A	1970	Repaired	Yes
Replacement SG Lower assembly	Ansaldo	202	151	N/A	2000	Replacement	Yes
Feedwater Nozzle Adaptor	PCI	FW # 1	N/A	MRR-01019	2001	Replacement	No
Main Steam Flow Limiter	Ansaldo	N/A	N/A	QADC-01-041	2000	Replacement	No

7. **Description of Work:** Prep New lower assembly for Steam Dome installation, Remove Steam Dome from the Old Lower Assembly, Refurbish the Feedwater Nozzle, Install the Main Steam Flow Limiter, Install the Steam Dome on the New Lower Assembly

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒* Exempt ☐

Other: ☐ Pressure: 1040 psi Test Temp: 549.35°F

* NOTE: The Secondary Side Hydrotest was conducted at NOP per Code Case N-416- 2

Date: 12/12/01

Name of Component: SG # A

Work Order Number: 01-013145, 01-008136, 01-013376

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KMP Performance Supv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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 of loss of any kind arising from or connected with this inspection.

(Robert T. Ward)

Inspector's Signature

Commissions NB 11557 AND WIS 246444
National Board, State, Province, and Endorsements

Date: 12-18 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 4

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order# : SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-013376	M-LLR-314	Replace Upper Col. Adapters and Reshim Lower Lateral Restraint

3. Work Performed by: Bechtel Construction

4. Identification of System: 36 Class: 1 Name: "B" Col. Adapter Plates and Lower Lateral Shims

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
See continuation sheet, page 3							

7. Description of Work: Replaced steam generator support upper column adapters and removed and restored lower lateral support bumper guides to the steam generator and shimmed the adjacent support bumper steel.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other: ☐ Pressure: psi Test Temp °F

Date: 12/12/01

Name of Component: "B" Upper Col. Adapter Plates and Reshim Lower Lateral Restraint.

Work Order Number: 01-013376

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KAPD Performance Serv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward) [Signature] Commissions NB 11557 NFI WE 246444
Inspector's Signature National Board, State, Province, and Endorsements

Date 1278 2001

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
Shims	Colonial	Ht. No. 4125164	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. A86743	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 4151614	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 2A6593-A	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. T1273-A	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 1E802	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. R6759	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 2A6387-A	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. R6791	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 2A6593-E	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 2A6386-D	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 2A6384-A	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. T1273-B	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. R4747	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 1E803	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. R6791	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 1E542	N/A	N/A	2001	Replacement	No
1" Bolts A325	Colonial	Ht. No. 706907	N/A	N/A	2001	Replacement	No
1" Bolts A325	Colonial	Ht. No. 213265	N/A	N/A	2001	Replacement	No
1" Flat Washers F436-93	Colonial	Ht. No. B28393	N/A	N/A	2001	Replacement	No
1" Hex. Hd. Nuts A194 Gr. 2H	Colonial	Ht. No. S41165	N/A	N/A	2001	Replacement	No
¾" Bolt, A-490	Colonial	Ht. No. 8996654	N/A	N/A	2001	Replacement	No
¾" Lockwashers B18.21	Colonial	Ht. No. 43739D	N/A	N/A	2001	Replacement	No
S.G. Col. Adapter A588	Colonial	Fabricated Assembly	N/A	MRR 01042	2001	Replacement	No

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/13/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee, WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008135	M-BDA-382	S.G. "A" BLOWDOWN CUT / REWELD
01-008135	M-BDB-383	S.G. "B" BLOWDOWN CUT / REWELD
01-013145	M-SGA-364	S.G. "A" SMALL BORE NOZZLE PREPS
01-013145	M-SGB-365	S.G. "B" SMALL BORE NOZZLE PREPS

3. Work Performed by: Bechtel Construction

4. Identification of System: 07 Class: 2 Name: BLOWDOWN

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add.

Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add.

Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
SG LOOP-A BLOWDOWN PIPING	N/A	N/A	N/A	N/A	N/A	Repaired	No
SG LOOP-A LOWER ASSY BLOWDOWN NOZZLE	ANSALDO	202	151	N/A	2000	Replacement	Yes
SG LOOP-B BLOWDOWN PIPING	N/A	N/A	N/A	N/A	N/A	Repaired	No
SG LOOP-B LOWER ASSY BLOWDOWN NOZZLE	ANSALDO	201	150	N/A	2000	Replacement	Yes

7. Description of Work: TEMPORARY REMOVAL OF EXISTING BLOWDOWN PIPING AT EACH STEAM GENERATOR OUTLET NOZZLE AND PREPERATION OF BLOWDOWN NOZZLES ON NEW STEAM GENERATOR LOWER ASSEMBLIES. ALL PIPING WAS PREPARED AND REINSTALLED BY WELDING.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other: ☐ Pressure: A-1040 psi / B-1030 psi Test Temp: A-549.35°F / B-548.17°F

* NOTE: The Secondary Side Hydrotest was conducted at NOP per Code Case N-416- 2

Date: 12/13/01

Name of Component: BLOWDOWN

Work Order Number: 01-008135

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KNPP Performance Super Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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 of loss of any kind arising from or connected with this inspection.

(Robert T. Ward)

Inspector's Signature

Commissions NB 11557 ANI WI 246444
National Board, State, Province, and Endorsements

Date: 1278 2001

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

Continuation Sheet

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/13/01

Sheet: 1 of 5

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008137	M-ULR-312	Remove & Modify Upper Lateral

3. Work Performed by: Bechtel Construction

4. Identification of System: 5A Class: 2 Name: "B" Upper Lateral including Spring Cans & Snubber

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add.

Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add.

Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
See continuation sheet, page 3							

7. Description of Work: Repaired Upper Lateral Restraint and replacement of bolting and shims for upper lateral

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other: ☐ Pressure: ☐ psi Test Temp ☐ °F.

Date: 12/13/01

Name of Component: UPPER LATERAL RESTRAINT SYSTEM.

Work Order Number: 01-008137

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] RWIP Performance Supv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward)

Inspector's Signature

Commissions

NB 11557ANF WI 246444
National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
"B" Hydraulic Snubber	N/A	N/A	N/A	N/A	N/A	Repaired	No
"B" Upper Lateral Ring Girder	N/A	N/A	N/A	N/A	N/A	Repaired	No
Splice Plate, Ring Girder, ASTM A588, Gr. A	Colonial	Ht. No. 412H07	N/A	N/A	2001	Replacement	No
Splice Plate Bolt, ASTM A540, Gr. B23, Cl. 2	Colonial	HT No. 10187-RYE	N/A	N/A	2001	Replacement	No
Splice Plate Heavy Hex. Nuts, A194, Gr. 2H	Colonial	Ht. No. 8994464 Trace Code SBG	N/A	N/A	2001	Replacement	No
Splice Plate Washers, F436	Colonial	Ht. No. Y85307 Trace Code SBH	N/A	N/A	2001	Replacement	No
Splice Plate Heavy Hex Nuts, A194, Gr. 2H	Colonial	Ht. No. S42483 Trace Code 1UV	N/A	N/A	2001	Replacement	No
Bumper Plate, A588	Colonial	Ht. No. B1S6214	N/A	N/A	2001	Replacement	No
Side Bumper Bearing Plate, A588	Colonial	Ht. No. 1B518	N/A	N/A	2001	Replacement	No
¾" Threaded Rod, A540 Gr. B23, Cl. 2	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
¾" Hex. Nut, A563	Colonial	Ht. No. 34467PJ	N/A	N/A	2001	Replacement	No
Washer, F436	Colonial	Ht. No. 107494	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. E1F023-A12	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. E1G119-A16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. E1G119-A16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. B1F669-C16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. T2866	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. A1C202-B20	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. A1D370-B32	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. B1E825-B16	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A36	Colonial	Ht. No. B1F555-C23	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. 64595	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. Y07405	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. 65747	N/A	N/A	2001	Replacement	No
Side Bumper Shim, A109 C1010	Colonial	Ht. No. M06708	N/A	N/A	2001	Replacement	No
Washer Plate, A36	Colonial	Ht. No. 404875	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate, A36	Colonial	Ht. No. A1T1203	N/A	N/A	2001	Replacement	No

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
3/8" Threaded Rod, A307, Gr. A	Colonial	Ht. No. 813953	N/A	N/A	2001	Replacement	No
Heavy Hex Nuts, A563, Gr. A	Colonial	Ht. No. A61415	N/A	N/A	2001	Replacement	No
Std. Washer, F436, Type 1	Colonial	Ht. No. B16294	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No. A1U1599	N/A	N/A	2001	Replacement	No
Upper Lateral Ring Plate Shim, A36	Colonial	Ht. No. BIP5527	N/A	N/A	2001	Replacement	No
3/8" Hex Hd. Bolt, A307-97	Colonial	Ht. No. 8878678	N/A	N/A	2001	Replacement	No
3/8" Std. Washer, F436 Type 1	Colonial	Ht. No. B16294	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 1E479	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 1E744	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6386-C	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6593-C	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. 4151614	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. A86743	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. R4747	N/A	N/A	2001	Replacement	No
Flat Bar Backing Strip, A36	KNPP	JB8913	N/A	QADC 01-349	2001	Replacement	No
Ring Girder Shim, A109-CR1010	Colonial	Ht. No. 4125164	N/A	N/A	2001	Replacement	No
Back Bumper Bearing Plate and Pipes	Colonial	MRR-01030	N/A	N/A	2001	Replacement	No
¼" Threaded Rod, A540 Gr B23, Cl2	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
¼" Nut, A563	Colonial	31167PJ	N/A	N/A	2001	Replacement	No
¼" Washer, F436	Colonial	107494	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	E1F023-A12	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	E1G119-A16	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	B1F669-C16	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	T2866	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	A1C202-B20	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	A1D370-B23	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	B1E825-B16	N/A	N/A	2001	Replacement	No

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
Back Bumper Shim, A36	Colonial	B1F555-C23	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	64595	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	Y07405	N/A	N/A	2001	Replacement	No
Back Bumper Shim, A36	Colonial	65747	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6386-E	N/A	N/A	2001	Replacement	No
Ring Girder Shim, A36	Colonial	Ht. No. 2A6593-E	N/A	N/A	2001	Replacement	No
¾" Nut, A563-93 TYPE 1	Colonial	107494	N/A	N/A	2001	Replacement	No

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-013145	M-SGB-363	REMOVE SHIPPING COVER
01-013376	M-SDS-323	SEVER STEAM DOME
01-008136	M-SDB-371	REFURBISH STEAM DOME
01-013376	M-SDB-373	RE-INSTALL STEAM DOME

3. Work Performed by: Bechtel Construction

4. Identification of System: 05/06 Class: 2 Name: "B" Steam Generator Secondary Side

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
Steam Dome	Westinghouse	1142	68-29	N/A	1970	Repaired	Yes
Replacement SG Lower assembly	Ansaldo	201	150	N/A	2000	Replacement	Yes
Feedwater Nozzle Adaptor	PCI	FW # 2	N/A	MRR-01019	2001	Replacement	No
Main Steam Flow Limiter	Ansaldo	N/A	N/A	QADC-01-041	2000	Replacement	No

7. Description of Work: Prep New lower assembly for Steam Dome installation, Remove Steam Dome from the Old Lower Assembly, Refurbish the Feedwater Nozzle, Install the Main Steam Flow Limiter, Install the Steam Dome on the New Lower Assembly.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ * Exempt ☐

Other: ☐ Pressure: 1030 psi Test Temp 548.17 °F

* NOTE: The Secondary Side Hydrotest was conducted at NOP per Code Case N-416- 2

Date: 12/12/01

Name of Component: SG # B

Work Order Number: 01-013145, 01-013376, 01-008136

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KNPP Performance Supv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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 of loss of any kind arising from or connected with this inspection.

(Robert T. Ward)

Inspector's Signature

Commissions NB 11557 ANI WI 246444
National Board, State, Province, and Endorsements

Date: 12-18 2001

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/13/01

Sheet: 1 of 3

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee, WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008139	M-FWA-380	S.G. "A" FW /AFW CUT OUT AND WELD
01-008139	M-FWB-381	S.G. "B" FW /AFW CUT OUT AND WELD

3. Work Performed by: Bechtel Construction

4. Identification of System: 05A/05B Class: 2 Name: FEEDWATER / AFW

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
SEE CONTINUATION, SHEET 3							

7. Description of Work: TEMPORARY REMOVAL OF EXISTING FEEDWATER PIPING AT EACH STEAM GENERATOR OUTLET NOZZLE. TEMPORARY REMOVAL OF EXISTING AUXILIARY FEEDWATER PIPING AT THE MAIN FEEDWATER BRANCH AT EACH STEAM GENERATOR. WELD REPAIRS ON BOTH REMOVED FEEDWATER SPOOLS AND REPLACEMENT OF FEEDWATER VENT VALVE ASSEMBLY (FW-80 A / B) CONNECTIONS USING NEW SOCKLETS AND INSERT REDUCER FITTINGS. ALL PIPING WAS PREPARED AND REINSTALLED BY WELDING.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒* Exempt ☐
Other: ☐ Pressure: [A-FW 1040 psi / AFW 1040 psi] [B-FW 1030 psi / AFW 1030 psi]
Test Temp: [A-FW 549.35°F / AFW 57°F] [B-FW 548.17°F / AFW 57°F]

* NOTE: The Secondary Side Hydrotest was conducted at NOP per Code Case N-416- 2

Date: 12/13/01

Name of Component: FEEDWATER / AUXILLARY FEEDWATER

Work Order Number: 01-008139

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] Kupp Performance Supv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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 of loss of any kind arising from or connected with this inspection.

(Robert T. Ward) [Signature] Commissions NB 11557 ANI WI 246444
Inspector's Signature National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-005474	M-IWR-394	S.G. "A" INSTALL LEVEL INSTR. WIDE RANGE
01-005474	M-IWR-395	S.G. "B" INSTALL LEVEL INSTR. WIDE RANGE

3. Work Performed by: Bechtel Construction

4. Identification of System: 06 Class: 2 Name: MAIN STEAM AND STEAM DUMP

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed. , No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
CONDENSATE POT	KNPP	N/A	N/A	QADC 01-393 HT 85188	2001	REPLACEMENT	NO

7. Description of Work: INSTALL NEW UPPER WIDE RANGE TAP, CONDENSATE POT AND TUBING.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ * Exempt ☐

Other: ☐ Pressure: A-1040 psi / B-1030 psi Test Temp : A-549.35°F / B-548.17°F

* NOTE: The Secondary Side Hydrotest was conducted at NOP per Code Case N-416- 2

Date: 12/12/01

Name of Component: MAIN STEAM AND STEAM DUMP

Work Order Number: 01-005474

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KIPP Performance Serv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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 of loss of any kind arising from or connected with this inspection.

(Robert T. Ward) [Signature] Commissions NB 11557 ANI WIS 246444
Inspector's Signature National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008141	M-MSA-350	S.G. "A" MS CUT OUT AND WELD
01-008141	M-MSB-351	S.G. "B" MS CUT OUT AND WELD

3. Work Performed by: Bechtel Construction

4. Identification of System: 06 Class: 2 Name: MAIN STEAM

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
SG LOOP-A MAIN STEAM	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
SG LOOP-B MAIN STEAM	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
1" GAMMA PORT PLUG X 1" LG A696 GR C	COLONIAL MACHINE COMPANY, INC.	HT # 87261 HT CODE AEM	N/A	N/A	2000	REPLACEMENT	NO
1" GAMMA PORT PLUG X 2" LG A696 GR C	WFI INTERNATIONAL	HT # 8998228 HT CODE 297YNB	N/A	N/A	2001	REPLACEMENT	NO

7. Description of Work: TEMPORARY REMOVAL OF EXISTING MAIN STEAM PIPING AT EACH STEAM GENERATOR OUTLET NOZZLE. EXISTING PIPING WAS PREPARED AND REINSTALLED BY WELDING. REINSTALLATION INCLUDES ADDITION OF TWO NEW RADIOGRAPHY GAMMA PORTS AND PLUGS PER LOOP.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒* Exempt ☐

Other: ☐ Pressure: A-1040 psi / B-1030 psi Test Temp: A-549.35°F / B-548.17°F

* NOTE: The Secondary Side Hydrotest was conducted at NOP per Code Case N-416- 2

Date: 12/12/01

Name of Component: MAIN STEAM

Work Order Number: 01-008141

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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 of loss of any kind arising from or connected with this inspection.

(Robert T. Ward)

Inspector's Signature

Commissions NB 11557 ANS WIS 246444
National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008137	M-RCS-366	S.G. "A" RCS CUT OUT AND WELD
01-008133	M-RCS-360	S.G. "A" RCS NOZZLE PREP

3. Work Performed by: Bechtel Construction

4. Identification of System: 36 Class: 1 Name: REACTOR COOLANT

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
STEAM GENERATOR	WESTINGHOUSE	1141	68-28	NONE	1970	REPAIRED	YES
STEAM GENERATOR	ANSALDO	202	151	QADC-00-376	2000	REPLACEMENT	YES
1 1/2" CAP SCREW	WESTINGHOUSE	N/A	N/A	HT# 8000913, HT CODE RVP	N/A	REPLACEMENT	NO
1 1/2" CAP SCREW	WESTINGHOUSE	N/A	N/A	HT 204394, HT CODE SAZ	N/A	REPLACEMENT	NO

7. Description of Work: THE EXISTING WESTINGHOUSE LOWER ASSEMBLY WAS SEVERED FROM REACTOR COOLANT PIPING. A NEW LOWER ASSEMBLY WAS PREPARED, INSTALLED, AND CONNECTED TO THE REACTOR COOLANT PIPING BY WELDING.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒* Exempt ☐
Other: ☐ Pressure: 2240 psi Test Temp: 551.1°F

* NOTE: The Primary Side Hydrotest was conducted at NOP per Code Case N-416-2

Date: 12/12/01

Name of Component: REACTOR COOLANT

Work Order Number: 01-008137, 01-008133

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] Krupp Performance Supv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward)

Inspector's Signature

Commissions NB11557ANI W3 246444
National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 2

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order#: SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-008137	M-RCS-367	S.G. "B" RCS CUT OUT AND WELD
01-008133	M-RCS-361	S.G. "B" RCS NOZZLE PREP

3. Work Performed by: Bechtel Construction

4. Identification of System: 36 Class: 1 Name: REACTOR COOLANT

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N-416-2

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
STEAM GENERATOR	WESTINGHOUSE	1142	68-29	NONE	1970	REPAIRED	YES
STEAM GENERATOR	ANSALDO	201	150	QADC 00376	2000	REPLACEMENT	YES
1 1/2" CAP SCREW	WESTINGHOUSE	N/A	N/A	HT# 8000913, HT CODE RVP	N/A	REPLACEMENT	NO
1 1/2" CAP SCREW	WESTINGHOUSE	N/A	N/A	HT 204394, HT CODE SAZ	N/A	REPLACEMENT	NO

7. Description of Work: THE EXISTING WESTINGHOUSE LOWER ASSEMBLY WAS SEVERED FROM REACTOR COOLANT PIPING. A NEW LOWER ASSEMBLY WAS PREPARED, INSTALLED, AND CONNECTED TO THE REACTOR COOLANT PIPING BY WELDING.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒* Exempt ☐

Other: ☐ Pressure: 2240 psi Test Temp: 551.1°F

* NOTE: The Primary Side Hydrotest was conducted at NOP per Code Case N-416-2

Date: 12/12/01

Name of Component: REACTOR COOLANT

Work Order Number: 01-008137, 01-008133

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: [Signature] KAPP Performance Supv Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State or Providence of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward)

Inspector's Signature

Commissions

NB 11557 ANI ^{12/18/01} FE WBS 246444
National Board, State, Province, and Endorsements

Date: 12-18 2001

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

Continuation Sheet

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions for the ASME Code Section XI

1. Owner: Wisconsin Public Service Corporation
700 North Adams
P.O. Box 19001
Green Bay, WI 54307-9001

Date: 12/12/01

Sheet: 1 of 4

2. Plant: Kewaunee Nuclear Power Plant
N490 HWY 42
Kewaunee WI 54216-9511

Unit: No.1

Work Order# : SEE BELOW

WORK ORDER	WP&IR	DESCRIPTION
01-013376	M-LLR-313	Replace Upper Col. Adapters and Reshim Lower Lateral Restraint

3. Work Performed by: Bechtel Construction

4. Identification of System: 36 Class: 1 Name: "A" Col. Adapter Plates and Lower Lateral Shims

5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed. ,No Add. Code Case: N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components:

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
See continuation sheet, page 3							

7. Description of Work: Replaced steam generator support upper column adapters and removed and restored lower lateral support bumper guides to the steam generator and shimmed the adjacent support bumper steel.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other: ☐ Pressure: psi Test Temp °F

Date: 12/12/01

Name of Component: "A" Upper Col. Adapter Plates and Reshim Lower Lateral Restraint.

Work Order Number: 01-0133760

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed: Jeffrey Kopp Performance Svr Date 12/18/01
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler Pressure Vessel Inspectors and the State of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 09-17-01 to 11-30-01, and state that to the best of my knowledge and belief, the Owner 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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(Robert T. Ward) [Signature] Commissions NB 11557 ANS WB 24644
Inspector's Signature National Board, State, Province, and Endorsements
Date: 12-18 2001

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

Continuation Sheet

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
Shims	Colonial	Ht. No. 264344	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 812J3592	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 4126617	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 4122060	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 4155918	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 4125164	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. A86743	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 4151614	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 2A6593-A	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. T1273-A	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 1E802	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. R6759	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. R6791	N/A	N/A	2001	Replacement	No
Shims	Colonial	Ht. No. 1E542	N/A	N/A	2001	Replacement	No
1" Bolts A325	Colonial	Ht. No. 706907	N/A	N/A	2001	Replacement	No
1" Bolts A325	Colonial	Ht. No. 213265	N/A	N/A	2001	Replacement	No
1" Flat Washers F436-93	Colonial	Ht. No. B28393	N/A	N/A	2001	Replacement	No
1" Hex. Hd. Nuts A194 Gr. 2H	Colonial	Ht. No. S41165	N/A	N/A	2001	Replacement	No
¾" Lockwashers B18.21	Colonial	Ht. No. 43739D	N/A	N/A	2001	Replacement	No
S.G. Col. Adapter A588	Colonial	Fabricated Assembly	N/A	MRR 1042	2001	Replacement	No
S.G. Col. Adapter Pin AISI 4340	Colonial	Ht. No. 8996496C0477	N/A	N/A	2001	Replacement	No
S.G. Col. Adapter Pin Washer A-588, Gr. A	Colonial	Ht. No. 803M62250	N/A	N/A	2001	Replacement	No
S.G. Col. Adapter Pin Washer Bolts A-325	Colonial	Ht. No. 255029 Trace Code 1UX	N/A	N/A	2001	Replacement	No

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification:	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
S.G. Adapter Col. Adapter Bolts A-540, Gr. B23, Cl. 2	Colonial	Ht. No. 10618 Trace No. IUU	N/A	N/A	2001	Replacement	No
S.G. Adapter Col. Jam Nuts, SA307 Gr. B	Colonial	Ht. No. S42483, Trace No. 1UY	N/A	N/A	2001	Replacement	No
S.G. Adapter Col. Heavy Hex. Nut, SA194 Gr. 2H	Colonial	Ht. No. 8994464 Ht Code SBG	N/A	N/A	2001	Replacement	No
S.G. Col. Adapter Washers AISI 4150	Colonial	Ht. No. 8997945 Trace Code 1UW	N/A	N/A	2001	Replacement	No
¾" Hex Head Bolt, A-490	Colonial	8996654	N/A	N/A	2001	Replacement	No

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 33 Class 1 SAFETY INJECTION
5. (a) Applicable Construction Code B16.5-1967
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 11/26/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-005013
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-22B	ANCHOR/DARLING VALVE COMPANY	NF	NA	SI115-002	1970	REPLACEMENT	N

7. Description of Work OPEN FOR INSPECTION CLASS 1 SAFETY INJECTION SYSTEM 12" VALVE SI-22B AND REPLACEMENT OF 1 VALVE BONNET STUD.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
- Other ☐ Pressure 750 psi Test Temp. 63 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/26/2001

Name of Component: SI-22B

Work Order Number: 01-005013

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bikes / Inservice Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Rogn Matsumi
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/27/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-005020

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL

Expiration Date NA

5. (a) Applicable Construction Code NA

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APRH1-1A	BRYON JACKSON	681N0277	NA	00127	1970	REPAIRED	N

7. Description of Work INSPECT AND REBUILD CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM RESIDUAL HEAT REMOVAL PUMP 1A.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 375 psi Test Temp. 341 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/27/2001

Name of Component: APRH1-1A

Work Order Number: 01-005020

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bures Inservice Inspection Program Owner
Owner or Owner's Designee, Title

Date January 4, 20 02

Certificate of INSERVICE INSPECTION

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Rogn M. Quinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 11/29/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-005030
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
LD-13	CROSBY VALVE & GAGE CO.	NF	NA	CS014-001	1971	REPAIRED	N

7. Description of Work REMOVE FOR TESTING CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE LD-13.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 84 psi Test Temp. 87 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/29/2001

Name of Component: LD-13

Work Order Number: 01-005030

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes, Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Loren T. McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Date 11/29/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-005031
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
LD-5	CROSBY ASHTON GAGE CO.	NF	NA	CS109-001	1970	REPAIRED	N

7. Description of Work REMOVE FOR TESTING CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE LD-5.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 500 psi Test Temp. 250 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/29/2001

Name of Component: LD-5

Work Order Number: 01-005031

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bures Insurance Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan M. Myni
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/4/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-005033

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 36 Class 1 REACTOR COOLANT

Expiration Date NA

5. (a) Applicable Construction Code ASME III-1968

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
PR-3A	CROSBY, ASHTON GAGE COMPANY	NF	NA	RC008-001	1972	REPLACEMENT	N

7. Description of Work REMOVE CLASS 1 REACTOR COOLANT SYSTEM 6" VALVE PR-3A FOR TESTING AND REPLACING DICS INSERT.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 551 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/4/2001

Name of Component: PR-3A

Work Order Number: 01-005033

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bukes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Ryan McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/20/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-005272

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 05B Class 2 AUXILIARY FEEDWATER

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFW-4B	WILLIAM POWELL CO.	61208	NA	F015-002	1972	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" VALVE AFW-4B DUE TO IMPROPER SEATING.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 1030 psi Test Temp. 57 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/20/2001

Name of Component: AFW-4B

Work Order Number: 01-005272

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Arlyn McGinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 05B Class 2 AUXILIARY FEEDWATER
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Date 12/20/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-005273
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFW-4A	WILLIAM POWELL CO.	NF	NA	F015-001	1972	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" VALVE AFW-4A DUE TO IMPROPER SEATING.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 1040 psi Test Temp. 57 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/20/2001

Name of Component: AFW-4A

Work Order Number: 01-005273

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Baker Insurance Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Raymond M. Quinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/3/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-007182

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-2B	CRANE VALVE CO.	NF	NA	ICS002-002	1970	REPAIRED	N

7. Description of Work OPEN FOR MAINTAENANCE CLASS 2 INTERNAL CONTAINMENT SPRAY 8" VALVE ICS-2B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 30 psi Test Temp. 70.4 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: ICS-2B

Work Order Number: 01-007182

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Baker Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 23 Class 2 CONTAINMENT SPRAY
5. (a) Applicable Construction Code B16.5-1967
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 12/3/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-007183
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-2A	CRANE VALVE CO.	NF	NA	ICS002-001	1970	REPAIRED	N

7. Description of Work OPEN FOR MAINTENANCE CLASS 2 INTERNAL CONTAINMENT SPRAY 8" VALVE ICS-2B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 30 psi Test Temp. 70.4 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/3/2001

Name of Component: ICS-2A

Work Order Number: 01-007183

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME 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.

Ryan Triguera
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 1/14/2002

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-007184

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-400B	CRANE COMPANY	NA	NA	ICS006-006	1970	REPAIRED	N

7. Description of Work OPEN FOR MAINTENANCE CLASS 2 INTERNAL CONTAINMENT SPRAY 6" VALVE RHR-400B DUE TO POSSIBLE DISC TO SEAT GALLING.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 144 psi Test Temp. 87 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 1/14/2002

Name of Component: RHR-400B

Work Order Number: 01-007184

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phyllis C. Bakes Inservice Inspection Program Owner Date January 17, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan M. M... ..
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 12/20/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-007185

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-400A	CRANE COMPANY	NF	NA	ICS006-005	1970	REPAIRED	N

7. Description of Work OPEN FOR MAINTENANCE CLASS 2 INTERNAL CONTAINMENT SPRAY SYSTEM 6" VALVE RHR-400A DUE TO POSSIBLE DISC TO SEAT GALLING.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 375 psi Test Temp. 341 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/20/2001

Name of Component: RHR-400A

Work Order Number: 01-007185

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bakes Inservice Inspection Program Owner

Date

January 4

,20

02

Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/9/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-007186

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

5. (a) Applicable Construction Code B16.5-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-5B	CRANE VALVE CO.	NF	NA	ICS006-003	1970	REPAIRED	N

7. Description of Work OPEN FOR REPAIR CLASS 2 CONTAINMENT SPRAY SYSTEM 6" VALVE ICS-5B DUE TO DISC TO SEAT GALLING.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 280 psi Test Temp. 75 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: . 11/9/2001

Name of Component: ICS-5B

Work Order Number: 01-007186

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Baker Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 23 Class 2 CONTAINMENT SPRAY
5. (a) Applicable Construction Code B16.5-1967
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 11/9/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-007187
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-6B	CRANE VALVE CO.	NF	NA	ICS006-004	1970	REPAIRED	N

7. Description of Work OPEN FOR MAINTENANCE CLASS 2 CONTAINMENT SPRAY SYSTEM 6" VALVE ICS-6B DUE TO DISC TO SEAT GALLING.
8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 280 psi Test Temp. 75 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/9/2001

Name of Component: ICS-6B

Work Order Number: 01-007187

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 33 Class 1 SAFETY INJECTION
5. (a) Applicable Construction Code B16.5-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 9/7/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-013239
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-304A	VELAN VALVE CORPORATION	NF	NA	SI116-005	1967	REPAIRED	N

7. Description of Work TORQUE BOLTING ON CLASS 1 SAFETY INJECTION SYSTEM 6" VALVE SI-304A DUE TO EVIDENCE OF LEAKAGE.

8. Tests conducted
- | | | | | | | | |
|-------------|--------------------------|-----------|--------------------------|----------------------------|--------------------------|--------|-------------------------------------|
| Hydrostatic | <input type="checkbox"/> | Pneumatic | <input type="checkbox"/> | Nominal Operating Pressure | <input type="checkbox"/> | Exempt | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> | Pressure | <u>0</u> psi | Test Temp. | <u>0</u> deg. F | | |

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 9/7/2001

Name of Component: SI-304A

Work Order Number: 01-013239

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip E. Ruter Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Matyasz
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001
2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511
3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL
5. (a) Applicable Construction Code B31.1-1967
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components
- Date 8/20/2001
Sheet 1 of 2
Unit No. 1
Work Order 01-013438
Type Code Sym. Stamp NA
Authorization No. NA
Expiration Date NA
Code Case NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-4C	GRINNELL FIRE PROTECTION SYSTEMS	NF	NA	CS033-005	1973	REPAIRED	N

7. Description of Work TORQUE BOLTING ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 3" VALVE CVC-4C DUE TO BODY TO BONNET LEAK.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 23 psi Test Temp. 115 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 8/20/2001

Name of Component: CVC-4C

Work Order Number: 01-013438

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillips E. Baker / Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation Date 11/21/2001
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9511 Work Order 01-014566
3. Work Performed By Nuclear Management Company, LLC Type Code Sym. Stamp NA
700 First Street, Hudson, Wisconsin 54016 Authorization No. NA
4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-100B	CRANE VALVE CO.	NF	NA	AC010-008	1972	REPAIRED	N

7. Description of Work OPEN FOR REPAIR CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 8" VALVE RHR-100B.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 114 psi Test Temp. 87 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/21/2001

Name of Component: RHR-100B

Work Order Number: 01-014566

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bakes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 11/27/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-014567

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL

Expiration Date NA

5. (a) Applicable Construction Code B31.1-1967

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-100A	CRANE VALVE COMPANY	NF	NA	AC010-007	1972	REPAIRED	N

7. Description of Work REPAIR CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 8" VALVE RHR-100A.

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 340 psi Test Temp. 189 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/27/2001

Name of Component: RHR-100A

Work Order Number: 01-014567

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 7-25-00 to 1-31-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Matuini
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT
As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001

Date 9/5/2001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant
N490 HWY 42 Kewaunee, WI 54216-9511

Unit No. 1

Work Order 01-014609

3. Work Performed By Nuclear Management Company, LLC
700 First Street, Hudson, Wisconsin 54016

Type Code Sym. Stamp NA

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

5. (a) Applicable Construction Code NA

Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-1C	AJAX IRON WORKS	6577	NA	00077	1967	REPAIRED	N

7. Description of Work REPAIR CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1C (SUCTION VALVE REPAIR).

8. Tests conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 20 psi Test Temp. 112 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 9/5/2001

Name of Component: APCH-1C

Work Order Number: 01-014609

Certificate of Compliance

We Certify that the statements made in the report are correct and this REPAIRED conforms to the rules of the ASME Code Section XI. Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bucas Inservice Inspection Program Owner Date January 4, 20 02
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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[Signature]
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements

Date February 1, 20 02