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Point Beach Nuclear Plant 6610 Nuclear Road Two Rivers, WI 54241 920.755.2321

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.

Docket 50-305 NRC-02-015 February 22, 2002 Page 2

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

Docket 50-305 NRC-02-015 February 22, 2002 Page 3

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, ultransonic, and visual techniques.

Docket 50-305 NRC-02-015 February 22, 2002 Page 4

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

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

- 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 -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
Reactor Vessel RV	Combustion Engineering	CE69202	U11480	21010
Pressurizer PZR	Westinghouse	1151	U11402	68-23
Steam Generator SG- 1A	Westinghouse/ Ansaldo Energia Milano	1141/0202	U11400	68-28/151
Steam Generator SG- 1B	Westinghouse/ Ansaldo Energia Milano	1142/0201	U11401	68-29/150
Excess Letdown Heat Exchanger AHEL-1A	Sentry	3996-5E	U11407	364
Excess Letdown Heat Exchanger AHEL-1B	Sentry	3996-6E	U11408	365
Class 1 Piping	Texas Pipe Bending			•
Reactor Coolant Pump RCP-1A	Westinghouse	1A-1-618J871- GO1		
Reactor Coolant Pump RCP-1B	Westinghouse	1B-2-618J871- GO2		
Residual Heat Exchanger AHRS1-1A	Joseph Oat and Sons	1817-1E	U11046	344

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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
Residual Heat Exchanger 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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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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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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		

- 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 -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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		

- 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 -

		MANUFACTURER		
COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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 Dec	cember 6, 2001	
9. Inspection Period Identification	3rd		
10. Inspection Interval Identification _	3rd		
11. Applicable Edition of Section XI	1989	AddendaNone	
12. Date/Revision of Inspection Plan	November 27,2	000/Revision 2	
13. Abstract of Examinations and Tests for the Inspection Plan. Referen		tions and tests and a statement co	oncerning status of work required
14. Abstract of Results of Examination	ns and Tests. Referen	nce Tab B and Tab F	
15. Abstract of Corrective Measures.	Reference Tab B	and Tab F	
Utilization of ASME Bo Code Cases N-416-1, N-			
XI. Certificate of Authorization No. (if applicate Date 23 to C	plicable) NA	Expiration Date Public Service Owner	N/A By Court
	CERTIFICATE OF INS	SERVICE INSPECTION	
I, the undersigned, holding a valid the State or Province of WISCON HARTFORD CT. MARCH 27, 200/ to D Owner has performed examinations with the Inspection Plan and as required by signing this certificate neither the examinations, tests, and correct his employer shall be liable in any acconnected with this inspection. Inspector's Signature Date January 23	have inspected the consecutive described in the Inspector nor his emptive measures described in manner for any personal in	and employed by HARTFOR (mponents described in this Own , and state that to the best of n tive measures described in this O Section XI. ployer makes any warranty, exp this Owner's Report. Furtherm	of steam Boiler CT of ther's Report during the period my knowledge and belief, the Dwner's Report in accordance ressed or implied, concerning ore, neither the Inspector nor ass of any kind arising from or

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 Compenents

- 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 -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
Reactor Building Containment Vessel	Chicago Bridge and Iron Company	C4454	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
11.	Applicable Edition of Section XI Addenda 1992
12.	Date/Revision of Inspection PlanSeptember 26, 2000/Revision l
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
XI.	required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section reflicate of Authorization No. (if applicable) N/A Expiration Date N/A The Lanuary 23 to 02 Signed WI Public Service 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 CTof 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. Commissions National Board. State, Province, and Endorsements National Board. State, Province, and Endorsements

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

- 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 -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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

- 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 -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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, 2	2001 to D	ecember 4, 2001
9.	Inspection Period Identification	3rd	
10.	Inspection Interval Identification _	3rd	
11.	. Applicable Edition of Section XI	1989	None Addenda
12.	. Date/Revision of Inspection Plan _	November 27,	2000/Revision 2
13.		Include a list of exami ence Tab C	inations and tests and a statement concerning status of work required
14.	. Abstract of Results of Examinations	and Tests. Refer	ence Tab B and Tab F
15.	. Abstract of Corrective Measures.	Reference Tab	B and Tab F
	Utilization of ASME BON-416-2 and N-460.	oiler and Pres	ssure Vessel Code Section XI: Code Cases
XI	required by the ASME Code, Section.	n XI, and c) corrective	are correct, b) the examinations and tests meet the Inspection Place measures taken conform to the rules of the ASME Code, Section A Expiration Date NA I Public Service By Owner
	I, the undersigned, holding a valid of the State or Province of Wiscon Flanch CT June 4, 2001 to D Owner has performed examinations with the Inspection Plan and as requesting this certificate neither the examinations, tests, and corrections.	have inspected the see As	the National Board of Boiler and Pressure Vessel Inspectors and and employed by Hartfold Steam Boiler Ct. of ecomponents described in this Owner's Report during the period of, and state that to the best of my knowledge and belief, the rective measures described in this Owner's Report in accordance ode, Section XI. employer makes any warranty, expressed or implied, concerning d in this Owner's Report. Furthermore, neither the Inspector nor all injury or property damage or a loss of any kind arising from or ommissions **MB 7741 W15 1000024** I. N. A. I.S.** National Board, State, Province, and Endorsements

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 <u>Wisco</u>	nsin Public Service Corporat	ion			Date <u>11</u>	<u>/1/2001</u>	
700 N	orth Adams P.O.Box 19001	Green Bay, WI 5430	7-900 <u>1</u>		Sheet <u>1</u> of <u>2</u>		
5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Number Down Diont				Unit <u>No</u>	<u>. 1</u>	
	unee Nuclear Power Plant HWY 42 Kewaunee, WI 542	16-9511			Work Order <u>01-016956</u>		
11100					Type Code	Sym. Stamp NA	
3. Work Performed By Nuclear Management Company, LLC					Type Code	Sym. Stamp <u>IVA</u>	
	700 First Street, Hud	dson, Wisconsin 540	<u>16</u>		Authorizati	on No. <u>NA</u>	
. Identification o	of System 33 Class 2	SAFETY INJECT	ION		Expiration	Date <u>NA</u>	
5. (a) Applicable	Construction Code B31,1-1	9 <u>67</u>			Code Case	e <u>NA</u>	
. ,	-						
(b) Applicable	Edition of Section XI Utilized	tor Repairs or Repla	icements 1909				
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe
RSI-H70	ITT GRINNELL VALVE COMPANY	NA	NA	NA	1967	REPAIRED	N
7. Description of		Pressur	atic No	ominal Operati			mpt X
9. Remarks <u>N</u> 0	OT 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.

Expiration Date NA

Signed Phillip C. Buker 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 7-25-03 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.

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

National Board, State, Province, and Endorsements

Date February / 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 Put	lic Service Corporat	ion_			Date <u>11/</u>	1/2001	
	700 North Ada	ms P.O.Box 19001	Green Bay, WI 5430	<u>07-9001</u>		Sheet <u>1</u> of <u>2</u>		
2. Plant	Kowaimee Niji	dear Power Plant				Unit No. 1		
		Kewaunee, WI 542	16-9511			Work Order <u>01-016956</u>		
			at Company IIC			Type Code Sym. Stamp NA		
Work Performed By Nuclear Management Company, LLC 700 First Street, Hudson, Wisconsin 54016						Authorizatio	on No. <u>NA</u>	
		700 Filst Street, Flat	ASON, VVISCONSIN OV	<u>010</u>				
4. Identifica	ation of Systen	n <u>33</u> Class <u>2</u>	SAFETY INJECT	<u>FION</u>		Expiration I	Date <u>NA</u>	
5 (a) Appli	icable Constru	ction Code B31.1-1	967			Code Case	NA NA	
				Incomente 1080				
(b) Appli	icable Edition of	of Section XI Utilized	for Repairs of Rep	lacements 1909				
6. Identifica	ation of Compo	onents Repaired or F	Replaced and Repla	cement Component	s			
Name of			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H73		INNELL VALVE ANY	NA	NA	NA	1967	REPAIRED	N
7. Descrip	tion of Work	REPAIR CLASS 2	SAFETY INJECTIO	N SYSTEM 2" HANG	GER RSI-H73	DUE TO UN	SPREAD COTTER	PIN.
8. Tests co	onducted	Hydrostatic	Pneum	natic No	minal Operatir	ng Pressure	Exe	empt X
		Other	Pressu	ıre psi	Test	Temp.	deg. F	
9. Remark	ks <u>NOT APP</u>	LICABLE.						

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 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 $\frac{7.25-00}{10.25-00}$ to $\frac{1-31-02}{10.25-00}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

National Board, State, Province, and Endorsements

Date February / 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 <u>V</u>	Visconsin Public Service Corpora	ation			Date <u>11/</u>	1/2001		
7	00 North Adams P.O.Box 19001	Green Bay, WI 5430	<u>7-9001</u>		Sheet 1	of <u>2</u>		
_					Unit <u>No.</u>	<u>1</u>		
_	(ewaunee Nuclear Power Plant N490 HWY 42 Kewaunee, WI 54	216-9511			Work Order	01-016956		
<u> </u>	1490 HWT 42 Newaurice, 111 5-	<u> </u>			Tura Cada	Sum Stamp NA		
3. Work Performed By Nuclear Management Company, LLC						Type Code Sym. Stamp NA		
700 First Street, Hudson, Wisconsin 54016					Authorization	on No. <u>NA</u>		
4. Identifica	tion of System 33 Class 2	SAFETY INJECT	<u>ION</u>		Expiration (Date <u>NA</u>		
5. (a) Applio	cable Construction Code B31.1-	19 <u>67</u>			Code Case	<u>NA</u>		
			romente 1989					
(b) Applic	cable Edition of Section XI Utilize	o for Repairs of Repla	acements 1909					
6. Identifica	tion of Components Repaired or	Replaced and Replace	cement Component	ts				
Name of Component	Name of	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
RSI-H74	ITT GRINNELL VALVE	NA	NA	NA	1967	REPAIRED		
Korni	COMPANY							

	CIM 1 DEDAID OLACCO	SAFETY INJECTION	LO" HANGER RSI-	H74 DUE TO	LOOSE NUT.			
7. Descripti	on of Work <u>REPAIR CLASS 2</u>	SAFETY INJECTION	12 HANGEN KOL	111+00-10				
8. Tests co	nducted Hydrostatic	Pneuma	atic No	ominal Operati	ng Pressure	Exe	empt X	
	Other] Pressur	re psi	Test	Temp.	deg. F		
	<u></u>]						
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 ASME Code Section XI.	REPAIRED Repair or Replacement	conforms to the rules of the				
Type Code Symbol Stamp NA						
Certificate of Authorization No. NA Expiration Date NA						
Signed Phillips C. Bukes Inservice Inspection Program Curren 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 7-25-79 to 1-21-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

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.

Expiration Date NA

Signed Phillip C. Bukes 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 $\frac{7-25-00}{2}$ to $\frac{1-31-02}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpora	<u>tion</u>			Date <u>11/1</u>	6/2001	
	700 North Ad	ams P.O.Box 19001	Green Bay, WI 543	<u>07-9001</u>		Sheet 1	of <u>2</u>	
						Unit <u>No.</u>	<u>1</u>	
2. Plant		uclear Power Plant	216 DE11			Work Orde	r <u>01-018044</u>	
	N490 HWY 4	2 Kewaunee, WI 542	10-9511					
3. Work P	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 54	016		Authorizati	on No. NA	
							Data NA	
4. Identific	cation of Syste	m <u>05B</u> Class <u>2</u>	AUXILIARY FEE	<u>EDWATER</u>		Expiration	Date <u>NA</u>	
5 (a) Apr	nlicable Constr	uction Code B31.1-1	967			Code Case	NA	
(b) App	olicable Edition	of Section XI Utilize	d for Repairs or Rep	lacements 1989				
Name o		onents Repaired or	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Compone		facturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
FDW-H3	9 ITT GI COMF	RINNEL PANY	NA	NA	NA	1967	REPAIRED	N
·	ption of Work	REPAIR CLASS 2 Hydrostatic Other	AUXILIARY FEEDY Pneun Pressi	natic N	ominal Operatir			PIPE CLAMP.

Sheet 2 of 2

Date: '11/16/2001

Name of Component: FDW-H39 Work Order Number: 01-018044

Certificate	of C	omp	oliance
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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.

Expiration Date NA

Phillip E. Bukes Inservice I repertum 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.

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

National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pub	lic Service Corporat	<u>ion</u>			Date <u>11/1</u>	<u>5/2001</u>	
	700 North Ada	ms P.O.Box 19001	Green Bay, WI 5430	<u>)7-9001</u>		Sheet 1	of <u>2</u>	
		ole or Downs Diant				Unit <u>No.</u>	1	
2. Plant		clear Power Plant Kewaunee, WI 542	16-9511			Work Orde	r <u>01-018044</u>	
						Typo Code	Sym. Stamp NA	
3. Work P		Nuclear Managemei				Type Code	Oym. Ownp	
		700 First Street, Hud	dson, Wisconsin 540	<u>016</u>		Authorization	on No. <u>NA</u>	
4. Identific	cation of System	n <u>05B</u> Class <u>2</u>	AUXILIARY FEE	DWATER		Expiration	Date <u>NA</u>	
5. (a) App	olicable Constru	ction Code B31.1-1	<u>967</u>			Code Case	· <u>NA</u>	
. ,				lacements 1989				
(b) Арр	olicable Edition (of Section XI Utilized	i for Repairs or Repi	lacements 1909				
6. Identific	cation of Compo	onents Repaired or F	Replaced and Repla	cement Component	ts			
Name o			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Name o Compone FDW-H4	ent Manuf	icturer INNEL					Replaced, or	Code
FDW-H4 7. Descrip	ent Manufa IS ITT GR COMPA	icturer INNEL	Serial No.	Board No. NA VATER SYSTEM 3"	ID NA	Built 1967 V-H43 DUE 1	Replaced, or Replacement REPAIRED O LOOSE NUT ON	Code Stamped N
FDW-H4 7. Descrip	ent Manufa ITT GR COMPA ption of Work	REPAIR CLASS 2 / CLAMP.	Serial No. NA AUXILAIRY FEEDW	Board No. NA VATER SYSTEM 3" natic No	NA HANGER FDV	Built 1967 V-H43 DUE 1	Replaced, or Replacement REPAIRED TO LOOSE NUT ON Exe	Code Stamped N
FDW-H4 7. Descrip	ent Manufa ITT GR COMPA ption of Work	ACTURET INNEL ANY REPAIR CLASS 2 / CLAMP.	Serial No. NA AUXILAIRY FEEDW	Board No. NA VATER SYSTEM 3" natic No	NA HANGER FDV	Built 1967 V-H43 DUE 1	Replaced, or Replacement REPAIRED O LOOSE NUT ON	Code Stamped N

Sheet 2 of 2

Date: 11/15/2001

Name of Component: FDW-H43 Work Order Number: 01-018044

Certificate of Compliance conforms to the rules of the We Certify that the statements made in the report are correct and this REPAIRED Repair or Replacement

Type Code Symbol Stamp NA

ASME Code Section XI.

Certificate of Authorization No.

Expiration Date NA

Signed Philip E. Bukes I mannee I marketon Program Owner Date Junuary 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.

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

Date February / 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin P	Public Service Corpora	tion			Date <u>11/1</u>	<u>6/2001</u>	
	dams P.O.Box 19001		7- <u>9001</u>		Sheet 1	of <u>2</u>	
					Unit No.	1	
	Nuclear Power Plant					r <u>01-018044</u>	
<u>N490 HWY </u>	42 Kewaunee, WI 542	<u>:16-9511</u>			Work Orde	01-01004-	
3. Work Performed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorization	on No. <u>NA</u>	
4. Identification of Systo	em <u>05B</u> Class <u>2</u>	AUXILIARY FEEI	DWATER		Expiration	Date <u>NA</u>	
5. (a) Applicable Const	ruction Code B31.1-1	967			Code Case	NA NA	
(h) Applicable Edition	n of Section XI Utilized	t for Repairs or Repla	acements 1989				
(b) Applicable Edition							
6. Identification of Com	ponents Repaired or	Replaced and Replac	cement Component	s			
						Repaired,	ASME
Name of Nar	me of	Manufacturer	National	Other	Year	Replaced, or	Code
Component Manu	ufacturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
FDW-H44 ITT G							
	GRINNEL PANY	NA	NA	NA	1967	REPAIRED	N
СОМ	PANY					· · · · · · · · · · · · · · · · · · ·	
	PANY	NA AUXILAIRY FEEDW/				· · · · · · · · · · · · · · · · · · ·	
СОМ	PANY REPAIR CLASS 2		ATER SYSTEM 3"	HANGER FDV	V-H44 DUE T	O LOOSE NUT ON	THE PIPE
СОМ	PANY REPAIR CLASS 2		ATER SYSTEM 3"		V-H44 DUE T	· · · · · · · · · · · · · · · · · · ·	THE PIPE
7. Description of Work	REPAIR CLASS 2.	AUXILAIRY FEEDW/	ATER SYSTEM 3" I	HANGER FDV	V-H44 DUE T	O LOOSE NUT ON	THE PIPE
7. Description of Work	REPAIR CLASS 2. CLAMP. Hydrostatic	AUXILAIRY FEEDW	ATER SYSTEM 3" I	HANGER FDV	V-H44 DUE T	O LOOSE NUT ON	THE PIPE

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

conforms to the rules of the

ASME Code Section XI.

Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No.

Expiration Date NA

Signed Phillip C. Buker Inservice Inspertion Program Owner Date January 4 ,20 Od 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 7-35-70 to /-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.

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

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpora	tion			Date <u>11/2</u>	4/2001	
		ams P.O.Box 19001		7-9001		Sheet 1	of <u>2</u>	
	12 N					Unit <u>No</u>	1	
2. Plant		iclear Power Plant 2 Kewaunee, WI 542	16-9511			Work Orde	r <u>01-018045</u>	
	11430 1117 42	rewadilce, W 5-2	10 0011					
3. Work P	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizati	on No. NA	
4. Identifi	cation of Syster	m <u>89A</u> Class <u>M</u>	C BUILDINGS - ST	RUCTURES		Expiration	Date <u>NA</u>	
5. (a) App	olicable Constru	iction Code SEC. III	-CL.B-1965W			Code Case	: <u>NA</u>	
(h) A.a.	licable Edition	of Section XI Utilized	I for Pensire or Penl	acaments 1992 A	DDENDA			
(n) Abh	nicable Edition	or Section At Othizec	Tor repairs or repi	10027	<u>DDENOI</u> ,			
6. Identifi	cation of Comp	onents Repaired or f	Replaced and Replac	cement Componen	ts			
Name o	*******	e of acturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RBCV	CHICA IRON	GO BRIDGE AND	C4454	NA	1S-0002	1969	REPAIRED	Y
	otion of Work	REPAIR CLASS MOBONDING BETWEIN Hydrostatic Other	C (METAL CONTAINEN ELEVATION 606 Pneuma	AND METAL COM	R BUILDING CONTAINMENT. Dominal Operating	g Pressure	T VESSEL MOISTU Exer	F7
0 Pomar	ks NOT APP	LICABLE						

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. Bukes Inserver 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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Date February / ,20 02

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

National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpora	<u>tion</u>			Date <u>12/1</u>	<u>/2001</u>	
			Green Bay, WI 5430	7-900 <u>1</u>		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee Ni	ıclear Power Plant				Unit <u>No. 1</u>	_	
	N490 HWY 4	2 Kewaunee, WI 542	<u>16-9511</u>			Work Order	<u>01-018277</u>	
3. Work P	Performed By	Nuclear Manageme	ent Company, LLC			Type Code \$	Sym. Stamp <u>NA</u>	
		700 First Street, Hu	idson, Wisconsin 540	<u>)16</u>		Authorizatio	n No. <u>NA</u>	
4. Identific	cation of Syste	m <u>33</u> Class <u>1</u>	SAFETY INJECT	<u>ION</u>		Expiration D	ate <u>NA</u>	
5. (a) App	plicable Constru	uction Code B16.5-1	1967			Code Case	<u>NA</u>	
(b) App	plicable Edition	of Section XI Utilized	d for Repairs or Repla	acements <u>1989</u>				
			Replaced and Repla	cement Components	Other	Year	Repaired,	ASME Code
Name of Compon		e of facturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
SI-13B		N VALVE ORATION	NF	NA	SI116-002	1967	REPLACEMENT	N
7. D								
	ption of Work	REPAIR CLASS 1 INCLUDING REPL Hydrostatic Other	6" SAFETY INJECTI ACING 4 STUDS. Pneum: Pressui	atic No	E SI-13B DUE minal Operating Test T	ı Pressure	X Exen	. []

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.

Expiration Date NA

Signed Phillip C. Bukes Inserve Inspection Program Curren 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1 Owner	<u>Wisconsin Public Service Corpora</u>	tion			Date <u>11/2</u>	1/2001	
	700 North Adams P.O.Box 19001		7-9001		Sheet 1	of <u>2</u>	
					Unit No.	<u>1</u>	
	Kewaunee Nuclear Power Plant	216 0511			Work Orde	r <u>01-018283</u>	
,	N490 HWY 42 Kewaunee, WI 542	10-9311					
3. Work Pe	erformed By <u>Nuclear Manageme</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hu	idson, Wisconsin 540	016		Authorization	on No. NA	
4. Identifica	ation of System <u>89A</u> Class <u>M</u>	IC BUILDINGS - ST	RUCTURES		Expiration	Date <u>NA</u>	
5. (a) Appli	icable Construction Code SEC. II	I-CL.B-1965W			Code Case	· <u>NA</u>	
	icable Edition of Section XI Utilized		acements 1992 AD	DENDA			
(a) Wbbii	Cable Edition of Section At Still 250	a for repaire or respir					
6. Identifica	ation of Components Repaired or	Replaced and Replac	cement Components	s			
Name of		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	nt Manufacturer CHICAGO BRIDGE AND	***************************************				Replaced, or	Code
Compone EMRG. AIRLOCK	nt Manufacturer CHICAGO BRIDGE AND IRON tion of Work REPAIR CLASS M	Serial No.	Board No. NA MENT EMERGENC atic No.	1S-0002	Built 1969 UE TO BOL	Replaced, or Replacement REPAIRED	Code Stamped Y H SURFACE.

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

Signed Phillip C. Bukes Inserver Ingestion 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 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

National Board, State, Province, and Endorsements

Date February / 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner V	Visconsin Public Service Corpo	<u>oration</u>			Date <u>12/</u>	1/2001	
	00 North Adams P.O.Box 190		<u> </u>		Sheet <u>1</u>	of <u>2</u>	
					Unit <u>No.</u>	_1	
_	(ewaunee Nuclear Power Plan 1490 HWY 42 Kewaunee, WI 5				Work Orde	r <u>01-018402</u>	
<u>17</u>					Type Code	Sym. Stamp NA	
3. Work Perl	formed By <u>Nuclear Manage</u>	ment Company, LLC			Type Code	Oym. Otamp 1475	
	700 First Street,	Hudson, Wisconsin 540	<u>016</u>		Authorizati	on No. NA	
4. Identificat	tion of System 33 Class	1 SAFETY INJECT	TION		Expiration	Date <u>NA</u>	
5. (a) Applic	able Construction Code B16.	<u>5-1967</u>			Code Case	e <u>NA</u>	
	able Edition of Section XI Utilition of Components Repaired			s			
Name of Componen	Name of t Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
		***************************************	***************************************			Replaced, or	Code
Componen	t Manufacturer VELAN VALVE CORPORATION on of Work REMOVE GOUGH 13B BONNET S	Serial No. NF GES AND PREPARE GURFACE.	Board No. NA ASKET SURFACE atic No	ID SI116-002	Built 1967 FETY INJE Pressure	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: 12/1/2001

Name of Component: SI-13B

Work Order Number: 01-018402

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED Repair or Replacement	conforms to the rules of the
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration D	ate <u>NA</u>	
Signed Philly C. Bukes Innerview Inspection Program Owner or Owner's Designee, Title	mouner Date	20 02 ,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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Commissions NB7741, I, N, IS, A WIS 100024

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

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1 Owner	Wisconsin Pu	blic Service Corporate	tion			Date <u>11/2</u>	26/2001	
1, 01,110,		ams P.O.Box 19001		<u>07-9001</u>		Sheet 1	of <u>2</u>	
						Unit <u>No</u>	<u>. 1</u>	
2. Plant		iclear Power Plant	40.0544			Work Orde	r <u>01-018522</u>	
	N490 HWY 4	2 Kewaunee, WI 542	<u>16-9511</u>					
3. Work P	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 54	016		Authorizati	on No. <u>NA</u>	
				T DEMOVAL		Expiration	Data NA	
4. Identific	cation of Syste	m <u>34</u> Class <u>2</u>	RESIDUAL HEA	AT REMOVAL		Expiration	Date INA	
5. (a) App	olicable Constri	uction Code B31.1-1	967			Code Case	e <u>NA</u>	
4.5.4	P. DE FRANKS	of Section XI Utilized	i for Popaire or Per	Nacements 1989				
(в) Арр	olicable Edition	or Section At Offized	Tiol Repairs of Rep	nacements 1000				
6. Identific	cation of Comp	onents Repaired or f	Replaced and Repla	acement Componen	its			
							Repaired,	ASME
Name o	of Nam	e of	Manufacturer	National	Other	Year	Replaced, or	Code
Compone	ent Manu	facturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
RHR-H1	8 ITT GI COMF	RINNELL VALVE PANY	NA	NA	NA	1967	REPAIRED	N
							C TO LOAD SETTIN	NC OF SCALE
7. Descrip	ption of Work	REPAIR CLASS 2	RESIDUAL HEAT F	REMOVAL SYSTEM	18" HANGER I	KHR-H18 DU	E TO LOAD SETTI	NG OF SCALE
								. 🖂
8. Tests of	conducted	Hydrostatic	Pneun	natic N	ominal Operatio	ng Pressure	Exe	empt X
8. Tests o	conducted		Pneun	<u>. </u>		ng Pressure Temp.	deg. F	empt [X]
8. Tests o	conducted	Hydrostatic Other		<u>. </u>				empt X
8. Tests o	conducted			<u>. </u>				empt X

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.

Expiration Date NA

Signed Phillip C. Bukes Incorrect Inspection Program Owner 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 $\frac{7-25-00}{2}$ to $\frac{1-31-02}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, an National Board, State, Province, and Endorsements

Date February / 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pub	lic Service Corporati	<u>ion</u>			Date <u>11/2</u>	<u>6/2001</u>	
		ms P.O.Box 19001 (<u>07-9001</u>		Sheet 1	of <u>2</u>	
0 011	Kawaunaa Nu	clear Power Plant				Unit <u>No.</u>	<u>1</u>	
2. Plant		Kewaunee, WI 542	1 <u>6-9511</u>			Work Order	01-018522	
2 Mork B		Nuclear Managemer				Type Code	Sym. Stamp NA	
S. WOIK		700 First Street, Hud		016		Authorization	on No. NA	
4. Identific	cation of System					Expiration [Date <u>NA</u>	
5. (a) Apr	plicable Constru	ction Code B31.1-1	<u>967</u>			Code Case	<u>NA</u>	
		of Section XI Utilized		olacements 1989	es			
Name of		-	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	ent Manufa	INNELL VALVE		•			Replaced, or	Code
RHR-H2 7. Descrip	nent Manufa 24 ITT GR COMPA	INNELL VALVE	Serial No.	Board No. NA REMOVAL SYSTEM natic No	NA 8" HANGER F	Built 1967 RHR-H24 DUI	Replaced, or Replacement REPAIRED	Code Stamped N

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.

Expiration Date NA

Signed Phellip C. Bukes Inservice Inspection Program Quiner 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

Sheet 2 of 2

Date: 11/26/2001

Name of Component: RSI-H7

Work Order Number: 01-018525

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED Repair or Replacement	conforms to the rules of the
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration D	ate <u>NA</u>	
Signed Philip C. Buker Inserved Inspection Programme Owner or Owner's Designee, Title	Nam Oundr Date	20 02

Certificate of INSERVICE INSPECTION

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

National Board, State, Province, and Endorsements

Date February / ,20 od

As Required by the Provisions of the ASME Code Section XI

1. Owner \	Visconsin Pu	blic Service Corpora	ation				i	Date <u>12/1</u>	9/2001	
		ams P.O.Box 19001		WI 54307-9	9001		:	Sheet <u>1</u>	of <u>2</u>	
							1	Jnit <u>No</u>	<u>. 1</u>	
		uclear Power Plant	040 0544				,	Nork Orde	r <u>01-018670</u>	
<u>1</u>	1490 HWY 4	2 Kewaunee, WI 54	216-9511							
3. Work Per	rformed By	Nuclear Managem	ent Company	<u>, LLC</u>			•	Type Code	Sym. Stamp NA	
	·	700 First Street, H	udson, Wisco	nsin 54016	<u>i</u>			Authorizati	on No. <u>NA</u>	
									Data NA	
4. Identifica	tion of Syste	m <u>34</u> Class <u>2</u>	RESIDU.	AL HEAT R	REMOVAL			Expiration	Date <u>NA</u>	
5 (a) Appli	cable Constri	uction Code B31.1-	1967					Code Case	∍ <u>NA</u>	
(b) Appli	cable Edition	of Section XI Utilize	ed for Repairs	or Replace	ements 198	<u>89</u>				
Name of Componer	Nam	oonents Repaired or ne of facturer	Manufac Serial	turer	National Board No		Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-3B	CRAN		NF		NA		AC034-002	1972	REPAIRED	N
	COMF	PANY								
7. Descript 8. Tests co	ion of Work anducted	REPAIR BONNET VALVE RHR-3B. Hydrostatic Other	TO BODY L	EAK BY TO Pneumation Pressure	c 🔲		ON CLASS al Operating Test Te	Pressure	IAL HEAT REMOVA	L SYSTEM 8"

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.

Expiration Date NA

Signed Phellip C Bukes I manuer I mager trong Program Dumer 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.

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

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

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin	Public Service Corpor	<u>ation</u>			Date <u>12/</u>	1/2001	
	700 North	Adams P.O.Box 1900	1 Green Bay, WI 543	<u>807-9001</u>		Sheet <u>1</u>	of <u>2</u>	
0 014	Vaugunaa	Nuclear Power Plant				Unit <u>No.</u>	1	
2. Plant		' 42 Kewaunee, WI 54	216-9511			Work Order	97-212982	
	14.100 11111					Tuno Codo	Sym. Stamp NA	
3. Work F	Performed By	Nuclear Managem	ent Company, LLC			Type Code	Sym. Stamp INA	
		700 First Street, F	udson, Wisconsin 54	<u>4016</u>		Authorizatio	on No. <u>NA</u>	
4. Identifi	cation of Sys	stem <u>33</u> Class	SAFETY INJEC	CTION		Expiration [Date <u>NA</u>	
5. (a) App	olicable Cons	struction Code B16.5	<u>-1967</u>			Code Case	<u>NA</u>	
	r	and Cartina VI I Miles	ed for Popoiro or Po	placemente 1989				
(b) App	olicable Editio	on of Section XI Utilize	ed for Repails of Rep	placements 1909				
6. Identifi	cation of Cor	mponents Repaired or	Replaced and Repl	acement Components				
							Repaired,	ASME
Name of	• • • • • • • • • • • • • • • • • • • •	ame of aufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Replaced, or Replacement	Code Stamped
		-	NA	NA	SI012-002	1967	REPAIRED	N
SI-9B		AN VALVE RPORATION	NA	INA	31012-002	1907	NEI AINED	''
7. Descri	ption of Worl	OPEN FOR REPA	CKING CLASS 2 S	AFETY INJECTION SY	<u> (STEM 3" VAL</u>	VE SI-9B.		
				_				
8. Tests	conducted	Hydrostatic	Pneur	matic Nom	ninal Operating	Pressure	X Exe	mpt
8. Tests o	conducted		Pneur Press		ninal Operating Test Te		X Exe	mpt
8. Tests o	conducted	Hydrostatic Other	<u>.</u>					mpt
8. Tests o	conducted		<u>.</u>					mpt

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

Philip 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 2-25-80 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.

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

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

Date February 1 ,20 00

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pub	lic Service Corporati	ion_			ate <u>12/</u>	<u>3/2001</u>	
		ms P.O.Box 19001 (7-9001	S	heet <u>1</u>	of <u>2</u>	
2. Plant		clear Power Plant Kewaunee, WI 542	<u>16-9511</u>			Init <u>No.</u> Vork Orde	<u>1</u> - <u>00-003219</u>	
3. Work P	Performed By	Nuclear Managemer	nt Company, LLC		Т	ype Code	Sym. Stamp NA	
	-	700 First Street, Hud		<u>16</u>	A	uthorization	on No. <u>NA</u>	
4. Identific	cation of Systen	n <u>36</u> Class <u>1</u>	REACTOR COOL	_ANT	E	expiration I	Date <u>NA</u>	
5. (a) App	plicable Constru	ction Code <u>B16.5-19</u>	<u>967</u>		C	ode Case	<u>NA</u>	
(b) App	olicable Edition	of Section XI Utilized	for Repairs or Repla	acements 1989				
6. Identific	cation of Compo	onents Repaired or F	Replaced and Replac	ement Component	s			
Name of			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	ent Manuf						Replaced, or	Code
LD-3 7. Descrip	ent Manuf	acturer NEILAN	Serial No. H46695-1-2	NA 1 REACTOR COO atic No	ID RC011-002	Built 1970 "VALVE	Replaced, or Replacement REPLACED	Code Stamped N E 8 STUDS

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.

Expiration Date NA

Signed Philip C. Bultes Inservice Inspection Program Curren 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 $\frac{7-25-00}{1-31-62}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date February , 20 02

As Required by the Provisions of the ASME Code Section XI

			 					
1. Owner	Wisconsin Pu	ıblic Service Corpora	tion			Date <u>12</u>	<u>/3/2001</u>	
,, 5,,,,,			Green Bay, WI 54307-	9001		Sheet 1	of <u>2</u>	
						Unit No.	1	
2. Plant		uclear Power Plant						
	N490 HWY 4	2 Kewaunee, WI 542	<u>16-9511</u>			Work Orde	r <u>00-004319</u>	
3. Work P	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 54016	<u> </u>		Authorizati	on No. <u>NA</u>	
4. Identific	cation of Syste	m <u>05A</u> Class <u>2</u>	FEEDWATER			Expiration	Date <u>NA</u>	
5. (a) App	olicable Constr	uction Code NA				Code Case	NA	
(b) App	licable Edition	of Section XI Utilized	for Repairs or Replace	ements 1989				
6. Identific	cation of Comp	onents Repaired or I	Replaced and Replacer	ment Componer	nts			
Name o		e of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SG-AH-1	MCDC WELL		25.12620.004-1	NA	1S-0066	1971	REPLACEMENT	N
7. Descrip 8. Tests c	ation of Work	REBUILD 900 KIP I GENEARTOR 1A.	HYDRAULIC SNUBBE		MAIN STEAM A		DUMP SYSTEM ST	F
		Other	Pressure	psi	Test T	emp.	deg. F	

Sheet 2 of 2

Date: 12/3/2001

Name of Component: SG-AH-1 Work Order Number: 00-004319

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Expiration Date NA

Signed Philip C. Bukes Inserves 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 725.00 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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Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, an

National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

		ic Service Corporation		0004			3/2001 of 2	
		ns P.O.Box 19001 G	Green Bay, WI 54307-	9001		Unit No.		
		Kewaunee, WI 5421	<u>6-9511</u>			Work Orde	r <u>00-004319</u>	
3. Work Pe	erformed By	Nuclear Managemen	t Company, LLC			Type Code	Sym. Stamp NA	
	7	00 First Street, Hud	son, Wisconsin 54016	<u> </u>		Authorization	on No. NA	
4. Identifica	ation of System	<u>05A</u> Class <u>2</u>	FEEDWATER			Expiration	Date <u>NA</u>	
5. (a) Appl	licable Construc	tion Code NA				Code Case	· <u>NA</u>	
d > A 1	ralia Edikaa a	Coation VI I Hiliard	for Repairs or Replac	ements 1989				
(b) Appi	licable Edition of	Section At Offized	tor Repairs or Replace	ements <u>1009</u>				
6. Identific	ation of Compo	nents Repaired or R	eplaced and Replacer	ment Components	S			
Name of Compone			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
***********	ent Manufa	cturer /ELL					Replaced, or	Code
Compone SG-AH-2	MCDOW WELLM	cturer /ELL AN	Serial No.	Board No.	1S-0066	Built 1971	Replaced, or Replacement REPLACEMENT	Code Stamped N
Compone SG-AH-2	MCDOW WELLMA	cturer /ELL AN REBUILD 900 KIP H	Serial No. 25.12620.004-7	NA NA R ON CLASS 2 M	1S-0066	Built 1971 ND STEAM	Replaced, or Replacement REPLACEMENT	Code Stamped N
Compone SG-AH-2 7. Descrip	MCDOW WELLMA	cturer VELL AN REBUILD 900 KIP H GENERATOR 1B.	Serial No. 25.12620.004-7 YDRAULIC SNUBBE	NA NA R ON CLASS 2 M	1S-0066	Built 1971 ND STEAM Pressure	Replaced, or Replacement REPLACEMENT DUMP SYSTEM ST	Code Stamped N

Sheet 2 of 2

Date: 12/3/2001

Name of Component: SG-AH-2 Work Order Number: 00-004319

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No.

Expiration Date NA

Phillip C. Buken Insurree Impection Thousant 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpora	<u>tion</u>			Date <u>2/2</u>	<u>26/2001</u>	
	700 North Ada	ams P.O.Box 19001	Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
2. Plant	Kawanaa Mi	clear Power Plant				Unit <u>No</u>	<u>. 1</u>	
Z. Plant		Rewaunee, WI 542	16-9511			Work Orde	er <u>01-001998</u>	
3. Work P	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 540	<u>016</u>		Authorizati	ion No. <u>NA</u>	
4. Identific	cation of Syster	n <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) App	olicable Constru	ction Code NA				Code Case	e <u>NA</u>	
/l= \	nii Eli Panii	of Cooking VI Likiling	for Donaire or Doal	noomonto 1000				
(b) App	ilicable Edition	of Section XI Utilized	To Repairs of Repi	acements 1909				
Name o			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-18	B AJAX II WORK		6576	NA	00076	1967	REPAIRED	N
7. Descrip 8. Tests c		REPAIR CLASS 2 C Hydrostatic Other	CHEMICAL AND VO Pneuma	atic No	minal Operatin	g Pressure		LVE.

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.

Expiration Date NA

Philip C Bukes Inservee Inserton 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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Commissions NB7741, I, N, IS, A WIS 100024

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

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner		ublic Service Corpo		7 0001			3/2001	
	700 North Ad	dams P.O.Box 1900	11 Green Bay, Wi 5430	7-9001		Stieet T	of <u>2</u>	
2. Plant	Kewaunee N	luclear Power Plant				Unit <u>No.</u>	<u>1</u>	
	N490 HWY 4	12 Kewaunee, WI 5	4216- <u>9511</u>			Work Order	01-002115	
3. Work P	erformed By	Nuclear Manager	nent Company, LLC			Type Code	Sym. Stamp NA	
	•		ludson, Wisconsin 540	116		A 4 h i 4 i	- NI- NIA	
		<u>, , , , , , , , , , , , , , , , , , , </u>				Authorizatio	11 NO. <u>INA</u>	
4. Identific	cation of Syste	em <u>36</u> Class	1 REACTOR COOL	_ANT		Expiration [Date <u>NA</u>	
5. (a) App	licable Constr	ruction Code B31.1	<u>-1967</u>			Code Case	<u>N-416-2</u>	
(h) Ann	licable Edition	of Section XI Utiliz	ed for Repairs or Repla	acements 1989				
(0)	modelio Edition	. 0, 00000,,,,,	oo tor ttopano oi ttopio	<u></u>				
6. Identific	cation of Comp	ponents Repaired o	r Replaced and Replac	ement Component	S			
Name of	f Nan	ne of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Compone	ent Manu	facturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
RC-W760		NEDGY	110/1M			· · · · · · · · · · · · · · · · · · ·		
	SERV		110/1101	NA	NA	2001	REPLACED	N
7. Descrip	SERV	ICES	D FOR CLASS 1 REAC					
 Descrip Tests α 	ition of Work	REPLACED WEL	· · · · · · · · · · · · · · · · · · ·	CTOR COOLANT S		M GENERAT		O SAFE END
·	ition of Work	REPLACED WEL	D FOR CLASS 1 REAC	CTOR COOLANT S	SYSTEM STEA	M GENERAT	OR 1A NOZZLE T	O SAFE END

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.

Expiration Date NA

Signed Phillip C. Buken I naewros I nagrection Program Owner Date Germany 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 7-25-70 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public S	ervice Corpora	tion_			Date <u>12/</u>	<u>3/2001</u>	
	700 North Adams F	P.O.Box 19001	Green Bay, WI 5430	<u>7-9001</u>		Sheet 1	of <u>2</u>	
0.51.1	IZ Nivele an	Dawar Olant				Unit <u>No.</u>	<u>1</u>	
2. Plant	Kewaunee Nuclear N490 HWY 42 Kew		16 0511			Mark Orde	01-002115	
	N490 HVVT 42 NEW	rauriee, vvi 542	10-3311			WOIK OIGE	07 002110	
3. Work P	erformed By Nucl	ear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
	<u>700</u>	First Street, Hu	dson, Wisconsin 540	<u>16</u>		Authorization	on No. NA	
4. Identific	cation of System 3	<u>6</u> Class <u>1</u>	REACTOR COOL	<u>ANT</u>		Expiration (Date <u>NA</u>	
5. (a) App	licable Construction	Code <u>B31.1-1</u>	<u>967</u>			Code Case	N-416-2	
(b) Appi	licable Edition of Se	ction XI Utilized	for Repairs or Repla	icements 1989				
6. Identific	cation of Component	s Repaired or F	Replaced and Replac	ement Component	s			
	•	•						
Name of	***************************************	·or	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or	ASME Code Stamped
	Manufactui	CI	G 0.10.110.	Dod! G 110.	***	Duit	Replacement	Otampea
RC-W77[NA NA	NA NA	NA	2001	REPLACED	N
	DM PCI ENERG SERVICES	Y		NA	NA	2001	REPLACED	N
	DM PCI ENERG SERVICES otion of Work <u>REP</u>	Y	NA	NA CTOR COOLANT S tic No	NA	2001 AM GENERAT g Pressure	REPLACED	N O SAFE END.

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.

Expiration Date NA

Signed Phillip C. Bukes Inservice Insertion 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February 1 20 02

As Required by the Provisions of the ASME Code Section XI

		······································					
1. Owner	Wisconsin Public Service	e Corporation			Date <u>12/</u>	<u>3/2001</u>	
		ox 19001 Green Bay, WI 5	4307-9001		Sheet 1	of <u>2</u>	
					Unit <u>No.</u>	<u>1</u>	
2. Plant	Kewaunee Nuclear Powe				Work Order	01-002115	
	N490 HWY 42 Kewaune	e, WI 54210-9511					
3. Work P	erformed By Nuclear M	lanagement Company, LLC	2		Type Code	Sym. Stamp NA	
	700 First \$	Street, Hudson, Wisconsin	<u>54016</u>		Authorization	on No. <u>NA</u>	
4. Identific	cation of System 36	Class 1 REACTOR Co	OOLANT		Expiration l	Date <u>NA</u>	
5. (a) App	olicable Construction Code	B31.1-1967			Code Case	<u>N-416-2</u>	
(b) App	licable Edition of Section	XI Utilized for Repairs or R	eplacements 1989				
6. Identific	cation of Components Rep	paired or Replaced and Re	placement Component	ts			
Name o		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	ent Manufacturer					Replaced, or	Code
RC-W78	DM PCI ENERGY SERVICES	Serial No.	Board No.	NA NA	Built 2001	Replaced, or Replacement REPLACED	Code Stamped N
Compone RC-W78 7. Descrip	PCI ENERGY SERVICES otion of Work REPLACE WELD.	Serial No. 110/2 ED WELD FOR CLASS 1 F	Board No. NA REACTOR COOLANT	NA NA	Built 2001 M GENERAT	Replaced, or Replacement REPLACED	Code Stamped N SAFE END
Compone RC-W78 7. Descrip	ent Manufacturer DM PCI ENERGY SERVICES otion of Work REPLACE WELD.	Serial No. 110/2 ED WELD FOR CLASS 1 For the series Proceedings of the series Proceedings of the series of the s	Board No. NA REACTOR COOLANT	NA SYTEM STEAM	Built 2001 M GENERAT og Pressure	Replaced, or Replacement REPLACED	Code Stamped N SAFE END

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.

Expiration Date NA

Signed Phillip C. Bukeo Insurve Inspection Program Ormen 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 $\frac{1-25-60}{2}$ to $\frac{1-3/-62}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and

National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

_								
1. Owner	Wisconsin Public	Service Corpora	tion			Date <u>12/3</u>	3/2001	
	700 North Adams	P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee Nuclea	er Power Plant				Unit <u>No.</u>	<u>1</u>	
2. 1 12110	N490 HWY 42 Ke		16-9511			Work Order	01-002115	
	14.100							
3. Work P	erformed By Nuc	dear Manageme	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
	<u>700</u>	First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizatio	n No. <u>NA</u>	
4. Identific	cation of System	<u>36</u> Class <u>1</u>	REACTOR COOL	_ANT		Expiration D	oate <u>NA</u>	
5. (a) App	olicable Construction	n Code B31.1-1	967			Code Case	N-416-2	
.,								
(b) App	licable Edition of S	ection XI Utilized	I for Repairs or Repla	acements 1989				
6 Identific	cation of Componer	nts Renaired or F	Replaced and Replac	rement Component	s			
o. identilit	cation of componer	16 Repaired of 1	topiacea and replac	oment compension				
Name o		rer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-W79	DM PCI ENERO SERVICES		110/1	NA	NA	2001	REPLACED	N
	SERVICES		110/1 FOR CLASS 1 REAC					±211
	SERVICES otion of Work REI			CTOR COOLANT S		M GENERAT		O SAFE END .
7. Descrip	SERVICES otion of Work REI	PLACED WELD	FOR CLASS 1 REAC	CTOR COOLANT S	SYSTEM STEA	M GENERAT	OR 1B NOZZLE T	O SAFE END .

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. Bukes I menuce I mopertion 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 $\frac{7-25-00}{2}$ to $\frac{1-31-02}{2}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

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

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pub	lic Service Corporation	<u>on</u>			Date <u>12</u>	1/2001	
	700 North Ada	ms P.O.Box 19001 G	reen Bay, WI 54307-	9001		Sheet <u>1</u>	of <u>2</u>	
2. Plant		clear Power Plant Kewaunee, WI 54216	6-9 <u>511</u>			Unit <u>No.</u> Work Orde	<u>1</u> r <u>01-003411</u>	
3 Work P	erformed By	Nuclear Management	Company, LLC			Type Code	Sym. Stamp NA	
G. **GIK1	•	700 First Street, Huds		<u>3</u>		Authorizati	on No. <u>NA</u>	
4. Identific	cation of System	34 Class 2	RESIDUAL HEAT F	REMOVAL		Expiration	Date <u>NA</u>	
5. (а) Арр	olicable Construc	tion Code SECTION	I III CLASS 2		:	Code Case	NA NA	
(b) App	olicable Edition o	f Section XI Utilized f	or Repairs or Replac	ements <u>1989</u>				
6. Identific	cation of Compo	nents Repaired or Re	placed and Replace	ment Components	5	-		
Name o				-			Repaired,	ASME
Compone			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Replaced, or Replacement	Code Stamped
	ent Manufa	cturer Y VALVE AND GAGE	Serial No.				, ,	
Compone RHR-33-	ent Manufa CROSB COMPA otion of Work	cturer Y VALVE AND GAGE	Serial No. N62651-00-0001	NA NA DUAL HEAT REM	ID AC115-001	Built 1978 4" VALVE Pressure	Replacement	Stamped N

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

Phillip C. Buken Inservice Inspection Program Owner Date January 1, 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 /-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.

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

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

Date Feburary 1,20 02

As Required by the Provisions of the ASME Code Section XI

					•		
1. Owner <u>Wi</u>	isconsin Public Service Corporat	<u>ion</u>			Date <u>12</u>	<u>/1/2001</u>	
<u>70</u>	0 North Adams P.O.Box 19001	Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
0 Dia 1 1/2	Nicolana Davina Diant				Unit No	. <u>1</u>	
	ewaunee Nuclear Power Plant 190 HWY 42 Kewaunee, WI 542	16-9511			Work Orde	er <u>01-003412</u>	
1144	130 11W1 42 Newadilee, Wi 342	10-3311					
3. Work Perfo	ormed By Nuclear Managemer	nt Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hud	lson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. <u>NA</u>	
4. Identification	on of System 34 Class 2	RESIDUAL HEAT	<u>removal</u>		Expiration	Date <u>NA</u>	
5. (a) Applicai	ble Construction Code B31.1-19	<u>967</u>			Code Case	e <u>NA</u>	
(b) Applicat	ble Edition of Section XI Utilized	for Repairs or Repla	acements 1989				
6. Identification	on of Components Repaired or R	eplaced and Replac	cement Component	ts			
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 TES	TING CLASS 2 RES	SIDUAL HEAT REM	MOVAL SYSTEM	1 2" VALVE	RHR-33.	
8. Tests condi	ucted Hydrostatic	Pneuma	atic No	minal Operating	Pressure	X Exe	mpt
	Other	Pressure	e <u>150</u> psi	Test Te	emp. <u>60</u>	O deg. F	
9. Remarks	NOT APPLICABLE.						

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

Philip C Bukes Inserve 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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Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpora	ition		[Date <u>11/2</u>	6/2001	
	700 North Adams P.O.Box 19001		7-9001	5	Sheet 1	of <u>2</u>	
	700 NORTH Additis F.O.Box 1900 (Green bay, vvi 0400	7.0001		Jnit No.		
	Kewaunee Nuclear Power Plant					_	
	N490 HWY 42 Kewaunee, WI 542	<u>216-9511</u>		\	Vork Orde	r <u>01-004985</u>	
. Work Pe	erformed By Nuclear Manageme	ent Company, LLC		٦	Type Code	Sym. Stamp NA	
	700 First Street, Hu	ıdson, Wisconsin 540	<u>)16</u>	,	Authorizati	on No. NA	
		CONTAINMENT	CDDAY		Expiration 1	Date NA	
. Identifica	ation of System 23 Class 2	CONTAINMENT	<u>SPRAY</u>		Expiration	Date INA	
5. (a) Appli	icable Construction Code B16.5-	1967		(Code Case	· NA	
#- \ A I'	icable Edition of Section XI Utilize	d for Popoire or Renis	acamente 1989				
(o) Appir	Cable Edition of Gooden 74 Guille	a 10, 1 top and a 1 top a					
Name of		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe
CI-1003	WILLIAM POWELL CO.	NF	NA	ICS022-001	1968	REPAIRED	N
7. Descript 8. Tests co		CTION CLASS 2 CO Pneuma	atic No.	AY 2" VALVE CI- minal Operating I	Pressure	X Exe	mpt

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.

Expiration Date NA

Phillips C. Bukes I poerrice Inspection Program Gumers 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 1-25-00 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February / ,20 0 a

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpor	ation .			Date <u>12/</u>	3/2001	
	700 North Adams P.O.Box 1900	Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
•	N490 HWY 42 Kewaunee, WI 54	<u>216-9511</u>			Work Order	r <u>01-005010</u>	
3. Work Pe	rformed By <u>Nuclear Managem</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
	-	udson, Wisconsin 540	<u>)16</u>		Authorization	on No. <u>NA</u>	
4. Identifica	ation of System 33 Class 1		Expiration [Date <u>NA</u>			
5. (a) Appli	5. (a) Applicable Construction Code <u>B16.5-1967</u> Code Case <u>NA</u>						
(h) Appli	cable Edition of Section XI Utilize	d for Repairs or Repla	acements 1989				
(-),							
6. Identifica	ition of Components Repaired or	Replaced and Replac	cement Component	ts			
Name of Componen	Name of nt Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
						Replaced, or	Code
Componer	ANCHOR/DARLING ENTERPRISES on of Work OPEN FOR INSPE	Serial No.	Board No. NA FETY INJECTION S atic Nor	ID Si115-003	Built 1970 ALVE SI-21A Pressure	Replaced, or Replacement REPAIRED	Code Stamped N

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 Phillips C. Bukus I mounter I magertion Program Owner Date Junuary 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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Commissions NB7741, I, N, IS, A WIS 100024

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

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpor	ation			Date <u>12/</u>	3/2001	
	700 North Adams P.O.Box 1900	1 Green Bay, WI 5430	07-900 <u>1</u>		Sheet 1	of <u>2</u>	
0.01	Kanana a Ninalaga Daniar Dlant				Unit <u>No.</u>	<u>1</u>	
2. Plant	Kewaunee Nuclear Power Plant N490 HWY 42 Kewaunee, WI 54	1216-9511			Work Orde	r <u>01-005011</u>	
	14490 1 177 1 42 (Xewadnee, 771 0-	210-3311					
3. Work Pr	erformed By Nuclear Managem	ent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, H	ludson, Wisconsin 54	<u>016</u>		Authorization	on No. <u>NA</u>	
4. Identific	cation of System 33 Class	1 SAFETY INJECT	<u> </u>		Expiration I	Date <u>NA</u>	
5. (a) App	licable Construction Code B16.5	<u>-1967</u>			Code Case	· NA	
(b) Appl	licable Edition of Section XI Utilize	ed for Repairs or Repl	acements 1989				
6. Identific	cation of Components Repaired or	Replaced and Repla	cement Component	ts			
0. 100.10.10	action of our policina i topanica ci						
Name of Compone		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-21B	ANCHOR/DARLING VALY COMPANY	/E NF	NA	SI115-004	1970	REPAIRED	N
7. Descript8. Tests co	tion of Work <u>OPEN FOR INSP</u> I	ECTION CLASS 1 SA				F	mot \square
	onducted Hydrostatic Other	Pneum		minal Operating Test Te		X Exe	

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. Bukes I matrice Inspection Pregram 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and

National Board, State, Province, and Endorsements

Date February / 20 00

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pub	olic Service Corpora	tion			Date <u>11/2</u>	<u> 26/2001</u>		
	700 North Ada	ms P.O.Box 19001	Green Bay, WI 5430	07-900 <u>1</u>		Sheet 1	of <u>2</u>		
2. Plant	Kawaunaa Nu	clear Power Plant				Unit <u>No</u>	<u>. 1</u>		
		Kewaunee, WI 542	16-9511			Work Order <u>01-005012</u>			
						Type Code	Sym. Stamp NA		
3. Work Pe	•	Nuclear Manageme		046			-		
		700 First Street, Hu	dson, Wisconsin 54	<u>016</u>		Authorizati	ion No. <u>NA</u>		
4. Identifica	ation of Systen	n <u>33</u> Class <u>1</u>	SAFETY INJECT	<u> </u>		Expiration	Date <u>NA</u>		
5. (a) Appli	licable Constru	ction Code <u>B16.5-1</u>	<u>967</u>			Code Case	e <u>NA</u>		
(h) Annli	icable Edition (of Section XI Utilizer	I for Repairs or Repi	lacements 1989					
(p) Appii	TOZDIO EGITION	7 0000011 70 01111200	, to, tropano ot trop						
6. Identifica	ation of Compo	nents Repaired or	Replaced and Repla	cement Component	s				
Name of			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
SI-22A		PR/DARLING PRISES	NF	NA	SI115-001	1970	REPAIRED	N	
7. Descript 8. Tests co		OPEN FOR INSPE Hydrostatic Other	CTION CLASS 1 SA Pneum Pressu		SYSTEM 12" VA minal Operating Test Te	Pressure		mpt	
9. Remarks	s NOT APPL	ICABLE.							

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.

Expiration Date

Signed Phellip C. Bukes Inservice Inspection Program Owner Date Junuary 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 $\frac{7-25-09}{1-31-02}$ to $\frac{1-31-02}{1-31-02}$, 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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Commissions NB7741, I, N, IS, A WIS 100024

National Board, State, Province, and Endorsements

Date February / 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:	700 Norti P.O. Box	n Public Service n Adams 19001 ay, WI 54307-90		Date: <u>12/12/01</u> Sheet: <u>1 of 3</u>					
2.	Plant:	Kewaune N490 HV	e Nuclear Powe VY 42	er Plant			Unit	: <u>No</u>	<u>1</u>	
			e WI 54216-951	1_			<u>Wor</u>	k Or	der#: SEE BE	LOW
					WORK (ORDER	WP&IR		DESCRIP	
					01-00715	52	M-FCU-385		MOVE AND REC ING TO CFCU'S	
3.	Work P	erformed b	y: <u>Bechtel Cons</u>	truction						
4.	Identific	cation of S	ystem:02_	Class:	3	_ Name:	SERVICE W	ATE	3	
5.	(a) App	olicable Co	nstruction Code: <u>\</u>	JSAS B31.1, 196	7 Ed. , No A	Add.		(Code Case: <u>N//</u>	<u>4</u>
	(b) App	olicable Edi	tion of Section XI	Utilized for Repairs	or Replacer	ments: <u>19</u>	89, No Add.	(Code Case: <u>N//</u>	<u>A</u>
6.	Identifi	ication of	Components Re	paired or Replace	ed and Rep	lacemen	t Component	s:		
	ame of ompon		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifi		ear uilt	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
	e contin									
	CONT	AINMENT	FAN COIL UNI	AND REINSTALL	O ASSOCIA	ATED SE	RVICE WATI	ER L	INES	
8.	Tests (Conducted		Pneumatic [•	ting Pressure		Exempl	: [_]
			Other: 🔲 1	Pressure: 92 psi	Те	st Temp:	: 44.2°⊦			

Name of Component: <u>SERVICE WATER</u> .
Work Order Number: 01-007152
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed: Suffer , Kup? Performene Syperior 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 Of 1701
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) Commissions & IISS7A W 246444 Inspector's Signature National Board, State, Province, and Endorsements
Date: /2-/8- 20 <u>01</u>

Date: 12/12/01

Name of Component _	SERVICE WATER	·
Work Order Number: 0	11-007152	

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
CFCU C INLET PIPING	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CFCU C OUTLET PIPING	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CFCU D INLET PIPING	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
CFCU D OUTLET PIPING	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
5/8" BOLTS	MACKSON	N/A	N/A	HT USY87951	N/A	REPLACEMENT	NO
5/8" NUT	MACKSON	N/A	N/A	HT 7307732	N/A	REPLACEMENT	NO
5/8" STUD	MACKSON	N/A	N/A	HT M60635	N/A	REPLACEMENT	NO
		-					
	<u>- </u>						
		1	[

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

	sin Public Service	Corporation			Date: <u>12</u>	<u>!/12/01</u>	
P.O. Bo	th Adams x 19001 Bay, WI 54307-900	<u>)1</u>			Sheet: 1	of 5	
2. Plant: Kewaun		r Plant			Unit : No	<u>0.1</u>	
<u>N490 H\</u> <u>Kewaun</u>	<u>WY 42</u> iee WI 54216-951	<u>1</u>			Work Or	der#: SEE BE	LOW
					<u>WP&IR</u> -ULR-311		RIPTION Modify Upper
3. Work Performed	by: Bechtel Const	ruction					
4. Identification of S	System: <u>05A</u>	Class :2	Name:	"A" Upper Latera	al includir	ng Spring Cans	<u>&</u>
<u>Snubber</u>							
5. (a) Applicable C	onstruction Code: <u>U</u>	ISAS B31.1, 196	7 Ed. , No <i>F</i>	\dd.		Code Case: N/	<u>A</u>
6. (b) Applicable E	dition of Section XI (Utilized for Repairs	or Replacer	nents: 1989. No A	۸dd.	Code Case: N/	Ą
7. Identification of							_
7. Identification of Name of Component						Repaired, Replaced, or	ASME Code Stamped Yes/No
Name of	f Components Rep	manufacturer	ed and Rep National Board	Other	nents:	Repaired, Replaced,	ASME Code Stamped
Name of Component See continuation	f Components Rep	manufacturer	ed and Rep National Board	Other	nents:	Repaired, Replaced, or	ASME Code Stamped
Name of Component See continuation	f Components Rep	manufacturer	ed and Rep National Board	Other	nents:	Repaired, Replaced, or	ASME Code Stamped
Name of Component See continuation	f Components Rep	manufacturer	ed and Rep National Board	Other	nents:	Repaired, Replaced, or	ASME Code Stamped
Name of Component See continuation	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
Name of Component See continuation sheet, page 3	Name of Manufacturer Work: Repaired U	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No

Date: 12/12/01

Name of Component: <u>UPPER LATERAL RESTRAINT SYSTEM</u>.

Work Order Number: 01-008137

CERTIFI	CATE	OF C	OMPL	IANCE
	U	O1 0	-	

CERTIFIC	SATE OF COMPLIANCE	
We certify that the statements made in conforms to the rules of the AS	the report are correct and this <u>repair and replacement</u> SME Code, Section XI repair or replacement.	
Type Code Symbol Stamp	N/A	
Certificate of Authorization No		
Signed: Tuttus KNAP 1	Performance Spr Date 12/18/01	
Owner of	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 69-17-01
to <u>((- うかつ</u> , and state that to the best of my knowledge and belief, the Owner 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)	Commissions NB 11557ANI WB 246444
Inspector's Signature	National Board, State, Province, and Endorsements
Date:	12-18 2001

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification <u>:</u>	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 1UV	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
³ / ₄ " Threaded Rod, A540 Gr. B23, Cl. 2	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
3/4" 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification <u>:</u>	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,	Colonial	Ht. No. 1E479	N/A	N/A	2001	Replacement	No
Ring Girder Shim,	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-	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
3/4" Threaded Rod, A540 Gr B23, Cl2	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
¾" Nut, A563	Colonial	31167PJ	N/A	N/A	2001	Replacement	No
3/4" 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification <u>:</u>	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 Date: 12/12/01

700 North Adams P.O. Box 19001

Green Bay, WI 54307-9001

Sheet: <u>1 of 2</u>

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

Work Performed by: <u>Bechtel Construction</u>
 Identification of System: <u>05/06</u> Class: <u>2</u> Name: <u>"A" Steam Generator Secondary Side</u>
 (a) Applicable Construction Code: <u>USAS B31.1</u>, <u>1967 Ed.</u>, <u>No Add.</u> Code Case: <u>N/A</u>
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: <u>1989</u>, <u>No Add.</u> Code Case: <u>N-416-2</u>

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 Wor	k: Prep New lower assembly fo	r Steam Dome installation, Remove S	team Dome from
	the Old Lower Asser	mbly, Refurbish the Feedwater N	lozzle, Install the Main Steam Flow Lir	niter, 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 S	econdary Side Hydrotest was co	nducted at NOP per Code Case N-41	6- 2

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 <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed: Further Kuff 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 of the Large of the components described in this Owner's Report during the period of the Large
(Robert T. Ward) Commissions ABILSS 7ANT WIS 246444 Inspector's Signature National Board, State, Province, and Endorsements Date: 12-18 2001

Date: 12/12/01

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

1.	700 Nort P.O. Box	h Adams	001 Sheet: <u>1 of 4</u>					
2.		Kewaunee Nuclear Power Plant N490 HWY 42						
		ee WI 54216-951	<u>1_</u>			Work O	rder# : SEE BE	LOW
					ORDER	WP&IR		CRIPTION
				01-013	376	M-LLR-314	Ipper Col. and Reshim eral Restraint	
3.	Work Performed I	by: <u>Bechtel Const</u>	ruction					
4.	Identification of S	System: <u>36</u>	Class:1	Name:	"B" Col. Ad	apter Plates a	nd Lower Late	ral Shims
5.	(a) Applicable Co	nstruction Code: <u>U</u>	SAS B31.1, 196	7 Ed., No A	dd.		Code Case: N	<u>/A</u>
	(b) Applicable Ed	ition of Section XI U	Jtilized for Repairs	or Replacer	nents: <u>1989,</u>	No Add.	Code Case: <u>N</u>	<u>/A</u>
6.	Identification of	Components Rep	paired or Replace	ed and Rep	lacement Co	omponents:		
ı	lame of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificati	Year on Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
	See continuation theet, page 3						Replacement	100/10
ı								
_								
7.	Description of V	Vork: Replaced st	eam generator s	upport uppe	er column ac	dapters and re	moved and res	stored
7.		Vork: Replaced st						
		oport bumper guid		generator a	and shimme			er steel.

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 <u>repair and replacement</u> 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: Fullus KNP Aufamme 500 Date (2/18/01 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION
, 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 <u>סק יוס (ה</u>
o 11-35-3, and state that to the best of my knowledge and belief, the Owner has performed
examinations and taken corrective measures described in this Owner's Report in accordance with the
equirements of the ASME Code, Section XI
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
mplied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore,
either 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) Commissions National Board, State, Province, and Endorsements
Date 1278 2001

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification <u>:</u>	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-	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-	N/A	N/A	2001	Replacement	No	
Shims	Colonial	A Ht. No. R6791	N/A	N/A	2001	Replacement	No	
Shims	Colonial	Ht. No. 2A6593-	N/A	N/A	2001	Replacement	No	
Shims	Colonial	Ht. No. 2A6386-	N/A	N/A	2001	Replacement	No	
Shims	Colonial	Ht. No. 2A6384-	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	Colonial	Ht. No. B28393	N/A	N/A	2001	Replacement	No	
F436-93 1" Hex. Hd. Nuts	Colonial	Ht. No. S41165	N/A	N/A	2001	Replacement	No	
A194 Gr. 2H 3/4" Bolt, A-490	Colonial	Ht. No. 8996654	N/A	N/A	2001	Replacement	No	
3/4" 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	

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. 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
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
							-
			1				1 _

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 2. Plant: Kewaunee Nuclear Power Plant N490 HWY 42 Kewaunee, WI 54216-9511 Work Order#: SEE BELOW WORK ORDER WP&IR 01-008135 M-BDA-382 S.G. "A" BLOWDOWN CUT / REWEL 01-008135 M-BDA-382 S.G. "A" SILOWDOWN CUT / REWEL 01-013145 M-SGB-365 S.G. "A" SMALL BORENOZZLE PRE 01-013145 M-SGB-365 S.G. "B" SMALL BORE NOZZLE PRE 01-013145 M-SGB-365 S.G. "A" SMALL BORE N									
P.O. Box 19001 Green Bay, WI 54307-9001 Sheet: 1 of 2	1. Owne	er: Wiscons	in Public Service	Corporation			Date: <u>12</u>	<u>2/13/01</u>	
See Bay, Wi 54307-9001 See Bay, Wi 54307							Ol 4. 4	-10	
2. Plant: Kewaunee Nuclear Power Plant				11			Sneet: 1	Of Z	
Name of Component Name of Manufacturer Serial No. Name of Component Name of Manufacturer Serial No. Name of Component Name of Componen									
Work Order#: SEE BELOW DESCRIPTION OF SECOND Work Order#: SEE BELOW DESCRIPTION OF SECOND Work Order#: SEE BELOW DESCRIPTION OF SECOND	2. Plant:			<u>r Plant</u>			Unit: No	<u>0.1</u>	
01-008135 M-BDA-382 S.G. "A" BLOWDOWN CUT / REWEL				<u> 11</u>			Work O	rder#: SEE BE	<u>LOW</u>
01-008135 M-BDA-382 S.G. "A" BLOWDOWN CUT / REWEL					WORK ORDER	R WP&IR	<u> </u>	DESCRIPTI	ION
O1-013145 M-SGA-364 S.G. "A" SMALL BORENOZZLE PRE O1-013145 M-SGB-365 S.G. "B" SMALL BORE NOZZLE PRE								BLOWDOWN C	JT / REWEL
3. Work Performed by: Bechtel Construction 4. Identification of System:									
3. Work Performed by: Bechtel Construction 4. Identification of System:07Class:2Name: BLOWDOWN 5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add.									
4. Identification of System:					01-013145	M-SGB-365	S.G. "B"	SMALL BORE N	OZZLE PRE
5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N/A Repaired, Replaced, Code	3. Work	Performed I	by: Bechtel Const	ruction					
5. (a) Applicable Construction Code: USAS B31.1, 1967 Ed., No Add. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1989, No Add. Code Case: N/A Repaired, Replaced, Code Code					_				
(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	4. Identi	ification of S	System:07	Class: _	2			Cada Casa: N/	'Λ
6. Identification of Components Repaired or Replaced and Replacement Components: Name of Component	5. (a) A	pplicable Co	nstruction Code: <u>L</u>	JSAS B31.1, 1	1967 Ed. , No <i>F</i>	<u>Add.</u>		Code Case: N/	<u>A</u>
6. Identification of Components Repaired or Replaced and Replacement Components: Name of Component		., .,	m (6 P. VII	INSTRUMENTAL PROPERTY.	aire au Daulanau	to: 1000 No	۸۵۵	Code Case: N-	416-2
Name of ComponentName of ManufacturerManufacturer Serial No.National Board No.Other IdentificationYear BuiltRepaired, Replaced, or Replaced, or ReplacementASME Code Stamped Yes/NoSG LOOP-A BLOWDOWN PIPINGN/AN/AN/AN/AN/ARepairedNoSG LOOP-A LOWER ASSY BLOWDOWN NOZZLEANSALDO202151N/A2000ReplacementYesSG LOOP-B BLOWDOWN PIPINGN/AN/AN/AN/AN/AN/ARepairedNoSG LOOP-B LOWER ASSYANSALDO201150N/A2000ReplacementYes	(b) A	pplicable Ed	lition of Section XI I	Utilized for Rep	airs or Replacen	nents. <u>1909, NO /</u>	- rau.	Code Case. IN-	410-2
Name of ComponentName of ManufacturerManufacturer Serial No.National Board No.Other IdentificationYear BuiltRepaired, Replaced, or Replaced, or ReplacementASME Code Stamped Yes/NoSG LOOP-A BLOWDOWN PIPINGN/AN/AN/AN/AN/ARepairedNoSG LOOP-A LOWER ASSY BLOWDOWN NOZZLEANSALDO202151N/A2000ReplacementYesSG LOOP-B BLOWDOWN PIPINGN/AN/AN/AN/AN/AN/ARepairedNoSG LOOP-B LOWER ASSYANSALDO201150N/A2000ReplacementYes	6 Ident	rification of	Componente Rer	naired or Ren	laced and Reni	acement Compo	onents:		
Component Manufacturer Serial No. Board No. Identification Built Replaced, or Replacement Yes/No	o. ideni	incation of	Components (C)	Janea or Trop	lacca and resp	accinoni compi			
ComponentManufacturerSerial No.Board No.IdentificationBuilt or Replaced, or ReplacementCode Stamped Yes/NoSG LOOP-A BLOWDOWN PIPINGN/AN/AN/AN/AN/AN/AN/ASG LOOP-A LOWER ASSY BLOWDOWN NOZZLEANSALDO202151N/A2000ReplacementYesSG LOOP-B BLOWDOWN PIPINGN/AN/AN/AN/AN/AN/ARepairedNoSG LOOP-B LOWER ASSYANSALDO201150N/A2000ReplacementYes	Name o	of	Name of	Manufactur	er National	Other	Year		
SG LOOP-A BLOWDOWN PIPING SG LOOP-A LOWER ASSY BLOWDOWN NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B BLOWER ASSY ANSALDO 201 150 N/A Replacement Ves No Replacement Yes	1		Manufacturer	Serial No.		Identification	Built	_	
SG LOOP-A BLOWDOWN PIPING SG LOOP-A LOWER ASSY BLOWDOWN NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B BLOWDOWN PIPING SG LOOP-B BLOWDOWN PIPING SG LOOP-B LOWER ASSY SG LOOP-B LOWER ASSY ANSALDO 201 N/A N/A N/A N/A N/A N/A N/A Repaired No NO Replacement Yes No Replacement Yes	1		1		i No	į.		l or	Stamped
BLOWDOWN PIPING SG LOOP-A LOWER ASSY BLOWDOWN NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B BLOWDOWN PIPING SG LOOP-B LOWER ASSY SG LOOP-B LOWER ASSY SG LOOP-B LOWER ASSY ANSALDO 202 151 N/A N/A N/A N/A N/A Repaired No Replacement Yes Ves	}		1		140.				
PIPING SG LOOP-A LOWER ASSY BLOWDOWN NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B LOWER ASSY ANSALDO 202 151 N/A N/A N/A N/A N/A N/A Repaired No SG LOOP-B LOWER ASSY ANSALDO 201 150 N/A 2000 Replacement Yes	00 x 00		N/A	N/A		NI/A	N/A	Replacement	Yes/No
SG LOOP-A LOWER ASSY BLOWDOWN NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B LOWER ASSY ANSALDO 202 151 N/A N/A N/A N/A N/A Repaired No Replacement Yes NO Replacement Yes			N/A	N/A		N/A	N/A	Replacement	Yes/No
BLOWDOWN NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B LOWER ASSY N/A N/A N/A N/A N/A N/A N/A N/	BLOWI	OOWN	N/A	N/A		N/A	N/A	Replacement	Yes/No No
NOZZLE SG LOOP-B BLOWDOWN PIPING SG LOOP-B LOWER ASSY N/A N/A N/A N/A N/A N/A N/A N/	BLOWI PIPING	OOWN			N/A			Replacement Repaired	Yes/No No
SG LOOP-B N/A N/A N/A N/A Repaired No BLOWDOWN PIPING SG LOOP-B ANSALDO 201 150 N/A 2000 Replacement Yes LOWER ASSY	BLOWI PIPING SG LOC LOWER	DOWN DP-A R ASSY			N/A			Replacement Repaired	Yes/No No
BLOWDOWN PIPING SG LOOP-B LOWER ASSY ANSALDO 201 150 N/A 2000 Replacement Yes	BLOWE PIPING SG LOC LOWER BLOWE	OOWN OP-A R ASSY OOWN			N/A			Replacement Repaired	Yes/No No
PIPING SG LOOP-B ANSALDO 201 150 N/A 2000 Replacement Yes LOWER ASSY	BLOWE PIPING SG LOC LOWER BLOWE NOZZL	OOWN OP-A R ASSY OOWN E	ANSALDO	202	N/A 151	N/A	2000	Replacement Repaired Replacement	Yes/No No Yes
LOWER ASSY	BLOWI PIPING SG LOC LOWER BLOWI NOZZL SG LOC	DP-A R ASSY DOWN E DP-B	ANSALDO	202	N/A 151	N/A	2000	Replacement Repaired Replacement	Yes/No No Yes
	BLOWI PIPING SG LOC LOWER BLOWI NOZZL SG LOC BLOWI	DP-A R ASSY DOWN E DP-B DOWN	ANSALDO	202	N/A 151	N/A	2000 N/A	Replacement Repaired Replacement Replacement	Yes/No No Yes
BLOWDOWN	BLOWI PIPING SG LOC LOWER BLOWI NOZZL SG LOC BLOWI PIPING	DOWN DP-A R ASSY DOWN E DP-B DOWN	ANSALDO N/A	202 N/A	N/A 151 N/A	N/A N/A	2000 N/A	Replacement Repaired Replacement Replacement	Yes/No No Yes
	BLOWE PIPING SG LOC LOWER BLOWE NOZZL SG LOC BLOWE PIPING SG LOC LOWER	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY	ANSALDO N/A	202 N/A	N/A 151 N/A	N/A N/A	2000 N/A	Replacement Repaired Replacement Replacement	Yes/No No Yes
	BLOWE PIPING SG LOC LOWER BLOWE NOZZL SG LOC BLOWE PIPING SG LOC LOWER	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN	ANSALDO N/A	202 N/A	N/A 151 N/A	N/A N/A	2000 N/A	Replacement Repaired Replacement Replacement	Yes/No No Yes
	BLOWI PIPING SG LOC LOWER BLOWI SG LOC BLOWI PIPING SG LOC LOWER BLOWI	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN	ANSALDO N/A	202 N/A	N/A 151 N/A	N/A N/A	2000 N/A	Replacement Repaired Replacement Replacement	Yes/No No Yes
7. Description of Work: TEMPORARY REMOVAL OF EXISTING BLOWDOWN PIPING AT EACH STEAM	BLOWI PIPING SG LOC LOWER BLOWI SG LOC BLOWI PIPING SG LOC LOWER BLOWI NOZZL	DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E E	ANSALDO N/A ANSALDO	202 N/A 201	N/A 151 N/A 150	N/A N/A N/A	2000 N/A 2000	Replacement Repaired Replacement Replacement	Yes/No No Yes No Yes
7. Description of Work: TEMPORARY REMOVAL OF EXISTING BLOWDOWN PIPING AT EACH STEAM	BLOWI PIPING SG LOC LOWER BLOWI SG LOC BLOWI PIPING SG LOC LOWER BLOWI NOZZL	DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E E	ANSALDO N/A ANSALDO	202 N/A 201	N/A 151 N/A 150	N/A N/A N/A	2000 N/A 2000	Replacement Repaired Replacement Replacement	Yes/No No Yes No Yes
·	BLOWI PIPING SG LOC LOWER BLOWI NOZZL SG LOC BLOWI PIPING SG LOC LOWER BLOWI NOZZL	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E cription of V	ANSALDO N/A ANSALDO Vork: TEMPORA	202 N/A 201 RY REMOVA	N/A 151 N/A 150 L OF EXISTING	N/A N/A N/A S BLOWDOWN	2000 N/A 2000 PIPING A	Replacement Repaired Replacement Replacement Replacement	Yes/No No Yes No Yes
GENERATOR OUTLET NOZZLE AND PREPERATION OF BLOWDOWN NOZZLES ON NEW STEAM	BLOWE PIPING SG LOC LOWER BLOWI PIPING SG LOC LOWER BLOWI NOZZL 7. Desc	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E Cription of V	ANSALDO N/A ANSALDO Vork: TEMPORAL	202 N/A 201 RY REMOVA E AND PRE	N/A 151 N/A 150 L OF EXISTING	N/A N/A N/A BLOWDOWN	2000 N/A 2000 PIPING A	Replacement Repaired Replacement Replacement Replacement AT EACH STEA	Yes/No No Yes No Yes
·	BLOWE PIPING SG LOC LOWER BLOWI PIPING SG LOC LOWER BLOWI NOZZL 7. Desc	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E Cription of V	ANSALDO N/A ANSALDO Vork: TEMPORAL	202 N/A 201 RY REMOVA E AND PRE	N/A 151 N/A 150 L OF EXISTING	N/A N/A N/A BLOWDOWN	2000 N/A 2000 PIPING A	Replacement Repaired Replacement Replacement Replacement AT EACH STEA	Yes/No No Yes No Yes
GENERATOR OUTLET NOZZLE AND PREPERATION OF BLOWDOWN NOZZLES ON NEW STEAM GENERATOR LOWER ASSEMBLIES. ALL PIPING WAS PREPARED AND REINSTALLED BY WELDING.	BLOWI PIPING SG LOC LOWER BLOWI NOZZL SG LOC BLOWI PIPING SG LOC LOWER BLOWI NOZZL 7. Desc	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E Cription of V IERATOR I	ANSALDO N/A ANSALDO Vork: TEMPORAL OUTLET NOZZL OWER ASSEME	202 N/A 201 RY REMOVA E AND PRE BLIES. ALL P	N/A 151 N/A 150 L OF EXISTING PERATION OF	N/A N/A N/A BLOWDOWN BLOWDOWN REPARED AND	2000 N/A 2000 PIPING A NOZZLES REINSTA	Replacement Repaired Replacement Replacement Replacement AT EACH STEA S ON NEW STEALLED BY WEL	Yes/No No Yes No Yes MM EAM DING.
GENERATOR OUTLET NOZZLE AND PREPERATION OF BLOWDOWN NOZZLES ON NEW STEAM GENERATOR LOWER ASSEMBLIES. ALL PIPING WAS PREPARED AND REINSTALLED BY WELDING.	BLOWI PIPING SG LOC LOWER BLOWI NOZZL SG LOC BLOWI PIPING SG LOC LOWER BLOWI NOZZL 7. Desc	DOWN DP-A R ASSY DOWN E DP-B DOWN DP-B R ASSY DOWN E Cription of V IERATOR I	ANSALDO N/A ANSALDO Vork: TEMPORAL OUTLET NOZZL OWER ASSEME	202 N/A 201 RY REMOVA E AND PRE BLIES. ALL P	N/A 151 N/A 150 L OF EXISTING PERATION OF IPING WAS PE	N/A N/A N/A N/A S BLOWDOWN BLOWDOWN REPARED AND al Operating Pre	2000 N/A 2000 PIPING A NOZZLES REINSTA	Replacement Repaired Replacement Replacement Replacement Replacement AT EACH STEA S ON NEW STEA LLED BY WEL * Exemp	Yes/No No Yes No Yes No DING.

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

Work Order Number: 01-008135
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp <u>N/A</u>
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed: Further 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 69 1701
to 11-3001 , and state that to the best of my knowledge and belief, the Owner 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) Commissions AB 11557 AND WE 246444 Inspector's Signature National Board, State, Province, and Endorsements
Date: (278 200)
FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

Continuation Sheet

Date: 12/13/01

Name of Component: BLOWDOWN

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

1.		in Public Service	<u>Corporation</u>			[Date: <u>12</u>	2/13/01				
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001					Sheet: <u>1 of 5</u>							
2.		ee Nuclear Power	· <u>Plant</u>			ι	Jnit: <u>No</u>	<u>.1</u>				
	N490 H\ Kewaun	<u>v v 42</u> ee WI 54216-951	<u>1_</u>			7	Nork O	rder#:	SEE BEI	<u>_OW</u>		
				WORK	ORDER		/P&IR			RIPTION		
				01-0	008137	M-L	JLR-312		temove & ateral	Modify Upper		
		by: <u>Bechtel Const</u> System: <u>5A</u>		Name:	"B" Unner	· Laterai	l includi	na Spr	ing Cans	&		
4.		systemsx	Class <u>Z</u>	1481110.	_ оррог	Edioidi	11101001	<u>. 9</u>				
	<u>Snubber</u>											
5.	(a) Applicable Co	onstruction Code: <u>U</u>	SAS B31.1, 196	7 Ed. , No <i>F</i>	<u>\dd.</u>			Code	Case: <u>N//</u>	<u> </u>		
	(b) Applicable Ed	lition of Section XI (Jtilized for Repairs	or Replacen	nents: <u>1989</u>	, No Ad	<u>ld.</u>	Code	Case: <u>N//</u>	<u>A</u>		
6.	Identification of	Components Rep	aired or Replace	ed and Repl	acement C	ompon	ents:					
ı	lame of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	tion	Year Built	Repa Repla or Repla		ASME Code Stamped Yes/No		
1	See continuation											
S	heet, page 3			<u> </u>	-							
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L		<u>,,l. ,,, ,,, ,,, ,, ,, ,, ,, ,, ,, ,, ,, ,,</u>	.1									
7.	Description of V	Vork: <u>Repaired U</u>	oper Lateral Res	traint and re	eplacemen	of bolti	ng and	<u>shims</u>	for upper	· lateral		
8.	Tests Conducte	ed: Hydrostatic	☐ Pneumatic	☐ Nomin	al Operatin	g Press	sure 🔲		Exemp	t 🛛		
		Other:	Pressure:	psi	Test Te	mp		°F.				

Date: 12/13/01

Name of Component: <u>UPPER LATERAL RESTRAINT SYSTEM</u>.

Work Order Number: 01-008137

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> 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: Date 12/18/01 Owner or Owner's Designee, Title
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 <u>c9イパリ</u>
to <u>∬-3o⊃</u> , and state that to the best of my knowledge and belief, the Owner 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 Board, State, Province, and Endorsements Date: 2001

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	N/A	N/A	N/A	N/A	N/A	Repaired	No
Snubber "B" Upper Lateral	N/A	N/A	N/A	N/A	N/A	Repaired	No
Ring Girder Splice Plate, Ring Girder, ASTM	Colonial	Ht. No. 412H07	N/A	N/A	2001	Replacement	No
A588, Gr. A Splice Plate Bolt, ASTM A540,	Colonial	HT No. 10187- RYE	N/A	N/A	2001	Replacement	No
Gr.B23, Cl. 2 Splice Plate Heavy Hex. Nuts, A194,	Colonial	Ht. No. 8994464 Trace Code SBG	N/A	N/A	2001	Replacement	No
Gr. 2H Splice Plate	Colonial	Ht. No. Y85307 Trace Code SBH	N/A	N/A	2001	Replacement	No
Washers, F436 Splice Plate Heavy Hex Nuts, A194,	Colonial	Ht. No. S42483 Trace Code 1UV	N/A	N/A	2001	Replacement	No
Gr. 2H	Colonial	Ht. No. B1S6214	N/A	N/A	2001	Replacement	No
Bumper Plate, A588 Side Bumper	Colonial	Ht. No. 1B518	N/A	N/A	2001	Replacement	No
Bearing Plate, A588 3/4" Threaded Rod,	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
A540 Gr. B23, Cl. 2 3/4" 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,	Colonial	Ht. No. E1G119-	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. E1G119-	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. B1F669- C16	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. T2866	N/A	N/A	2001	Replacement	No
Side Bumper Shim,	Colonial	Ht. No. A1C202- B20	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. A1D370- B32	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. B1E825- B16	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. B1F555- C23	N/A	N/A	2001	Replacement	No
A36 Side Bumper Shim,	Colonial	Ht. No. 64595	N/A	N/A	2001	Replacement	No
A109 C1010 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification <u>:</u>	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
3/4" Threaded Rod, A540 Gr B23, Cl2	Colonial	Ht. No. 8991820	N/A	N/A	2001	Replacement	No
³ / ₄ " Nut, A563	Colonial	31167PJ	N/A	N/A	2001	Replacement	No
3/4" 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

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,	Colonial	Ht. No. 2A6593- E	N/A	N/A	2001	Replacement	No
³ ⁄ ₄ " Nut, A563-93 TYPE 1	Colonial	107494	N/A	N/A	2001	Replacement	No

	Public Service	<u>Corporation</u>	<u>ration</u> Date: <u>12/12/01</u>								
P.O. Box	700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001				Sheet: 1 of 2						
2. Plant: Kewaune		· <u>Plant</u>				Unit: <u>No</u>	<u>0,1</u>				
<u>N490 HW</u> Kewaune	<u>r 42</u> e Wl 54216-951	<u>1_</u>			,	Work O	rder#: SEE BE	<u>ELOW</u>			
			WORK C	ORDER	WP&I	IR	DESCRIF				
			01-01314		M-SGB-3	363	REMOVE SHIPPI	NG COVER			
			01-01337		M-SDS-3		SEVER STEAM D				
			01-00813		M-SDB-3		REFURBISH STE RE-INSTALL STE	AM DOME			
			01-01337	6	M-SDB-3	3/3	RE-INSTALL STE	AN DOME			
3. Work Performed b4. Identification of S			Name:	"B" Stea	am Gener	ator Se	condary Side				
5. (a) Applicable Co	nstruction Code: <u>U</u>	SAS B31.1, 196	7 Ed. , No <i>A</i>	Add.			Code Case: N/	<u>A</u>			
(b) Applicable Edi6. Identification of 6	tion of Section XI						Code Case: N-	<u>416-2</u>			
o. Identification of	Componente riol	, a., o a a,	, a a,								
			, -			. ,	Repaired,	ASME			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifi		Year Built	or	ASME Code Stamped Yes/No			
Name of	Name of	Manufacturer	National Board	Other		Year	Replaced, or Replacement	Code Stamped			
Name of Component Steam Dome Replacement SG	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifi		Year Built	Replaced, or Replacement Repaired	Code Stamped Yes/No			
Name of Component Steam Dome Replacement SG Lower assembly Feedwater Nozzle	Name of Manufacturer Westinghouse	Manufacturer Serial No.	National Board No.	Other Identifi N/A	cation	Year Built	Replaced, or Replacement Repaired Replacement Replacement	Code Stamped Yes/No Yes Yes			
Name of Component Steam Dome Replacement SG Lower assembly Feedwater Nozzle Adaptor Main Steam Flow	Name of Manufacturer Westinghouse Ansaldo	Manufacturer Serial No. 1142 201	National Board No. 68-29	Other Identifi N/A N/A MRR-0	cation	Year Built 1970 2000	Replaced, or Replacement Repaired Replacement Replacement	Code Stamped Yes/No Yes			
Name of Component Steam Dome Replacement SG Lower assembly Feedwater Nozzle Adaptor	Name of Manufacturer Westinghouse Ansaldo PCI	Manufacturer Serial No. 1142 201 FW#2	National Board No. 68-29 150	Other Identifi N/A N/A MRR-0	cation	Year Built 1970 2000 2001	Replaced, or Replacement Repaired Replacement Replacement	Code Stamped Yes/No Yes Yes			
Name of Component Steam Dome Replacement SG Lower assembly Feedwater Nozzle Adaptor Main Steam Flow Limiter 7. Description of W Old Lower Asse	Name of Manufacturer Westinghouse Ansaldo PCI Ansaldo Vork: Prep Newembly, Refurbish	Manufacturer Serial No. 1142 201 FW # 2 N/A lower assembly the Feedwater N	National Board No. 68-29 150 N/A N/A	Other Identifi N/A N/A MRR-0 QADC-	tallation,	Year Built 1970 2000 2001 2000 Remov	Replaced, or Replacement Replacement Replacement Replacement Replacement Replacement Replacement	Yes No No No			
Name of Component Steam Dome Replacement SG Lower assembly Feedwater Nozzle Adaptor Main Steam Flow Limiter 7. Description of W Old Lower Asse	Name of Manufacturer Westinghouse Ansaldo PCI Ansaldo Vork: Prep New embly, Refurbish	Manufacturer Serial No. 1142 201 FW # 2 N/A lower assembly the Feedwater N	National Board No. 68-29 150 N/A N/A	Other Identifi N/A N/A MRR-0 QADC- Dome inset in the Market	1019 01-041 stallation,	Year Built 1970 2000 2001 2000 Remov	Replaced, or Replacement Replacement Replacement Replacement Replacement Replacement	Yes No No Steam			

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

Name of Component: <u>SG # B</u>
Work Order Number: <u>01-013145, 01-013376, 01-008136</u> .
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed: 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 <u>つうつつ</u>
to <u>リー るってし</u> , and state that to the best of my knowledge and belief, the Owner 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 ANT WE 246444 National Board, State, Province, and Endorsements Date: 12-18 2001

Date: 12/12/01

1.	Owner:		n Public Service (n Adams 19001	Corporation			Date: <u>12</u> Sheet: <u>1</u>		
			ay, WI 54307-900	<u>1</u>					
2.	Plant:		e Nuclear Power	Plant			Unit: <u>No</u>	<u>.1</u>	
		N490 HV Kewaune	<u>/Y 42</u> ee, WI 54216-951	<u>1</u>			Work O	rder#: SEE BE	LOW
					WORK ORDER			DESCRIPTI	
					01-008139 01-008139	M-FWA-380 M-FWB-381	S.G. "A"	FW /AFW CUT C	DUT AND WE
					01-006139	W-1 WD-301	0.0. D	1 11 11 001 0	7017110 112
3.	Work F	erformed b	y: Bechtel Constr	<u>uction</u>					
4.	Identific	cation of S	ystem: <u>05A</u>	<u>′05B</u> Cla	ass:2			ATER / AFW	
5.	(a) App	olicable Co	nstruction Code: U	SAS B31.1, 19	967 Ed. , No A	<u>dd.</u>		Code Case: N/	<u>A</u>
	(b) And	olicable Edi	tion of Section XI U	tilized for Repa	irs or Replacem	ents: <u>1989, No A</u>	\dd.	Code Case: N-	<u>416-2</u>
	. ,								
6.	Identif	ication of	Components Rep	aired or Repla	aced and Repla	acement Compo	nents:		
	lame of compon		Name of Manufacturer	Manufacture Serial No.	r National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
C	EE CONTINU HEET 3	JATION,							
			<u> </u>					<u> </u>	
_			/ J. TEMPODAS	N/ DEMOVAL	OF EVICTING	CEEDWATED	DIDING A	AT EACH STEA	NA.
1.		•	ork: <u>TEMPORAR</u>						
			OUTLET NOZZLE						
			MAIN FEEDWA						
			DWATER SPOC						
	(FW-8	0 A / B) C	ONNECTIONS U	SING NEW S	OCKOLET AN	<u>ID INSERT REC</u>	UCER F	ITTINGS. ALL I	PING
	WAS	PREPARE	ED AND REINSTA						_
8.	Tests	Conducte	-			al Operating Pre			
			Other: 🗌 Pi	ressure: [A-F\	V 1040 psi / Al	FW 1040 psi] [B	-FW 103	0 psi / AFW 103	30 psi]
			Te	est Temp: [A-l	FW 549.35°F /	AFW 57°F] [B-F	W 548.1	7°F / AFW 57°F	1
			* N	OTE: The Seco	ndary Side Hyd	rotest was conduc	ted at NO	P per Code Case	N-416- 2

Date: <u>12/13/01</u>
Name of Component: <u>FEEDWATER / AUXILLARY FEEDWATER</u> .
Work Order Number: <u>01-008139</u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed: Littles Kupp Performace Supir Date 12/18/01 Owner or Owner's Designee, Title
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 67-17-03
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) Commissions ANT WI 246444 Inspector's Signature National Board, State, Province, and Endorsements
Date: 12-18 20-01

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification <u>:</u>	Year Built	Repaired Replaced Or Replacement	ASME Code Stamped Yes/No
SG LOOP-A FEEDWATER	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
SG LOOP-A AUXILLARY FEEDWATER	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
SG LOOP-B FEEDWATER	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
SG LOOP-B AUXILLARY FEEDWATER	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
SOCKOLET 16" X 2"	N/A	N/A	N/A	HT# 2016 ANB QADC 01-408		REPLACEMENT	NO
REDUCING INSERT 2" X 1"	N/A	N/A	N/A	HT# 1566 ANB QADC 01-408		REPLACEMENT	NO

700 No P.O. Bo	sin Public Service rth Adams ox 19001					Date: <u>12</u> Sheet: <u>1</u>		
	<u>Bay, WI 54307-900</u> nee Nuclear Powe					Unit: <u>No</u>	<u>.1</u>	
N490 F	<u>IWY 42</u> nee WI 54216-951					Work Or	der#: SEE BE	LOW
		_	WORK	ORDER	T \	VP&IR	DESC	RIPTION
			01-005		M-IWF		S.G. "A" IN LEVEL INS RANGE	STR. WIDE
			01-005	474	M-IWF	₹-395	S.G. "B" IN LEVEL INS RANGE	
	d by: <u>Bechtel Const</u>		2	Name: <u>M</u>	IAIN ST	EAM AN	ID STEAM DUI	<u>MP</u>
	Construction Code: <u>U</u>						Code Case: <u>N/</u>	A
. , . ,	Edition of Section XI						Code Case: <u>N-</u>	<u>416-2</u>
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	ation	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
CONDENSATE POT	KNPP	N/A	N/A	QADC 01 HT 85188		2001	REPLACEMENT	NO
					··			
					- 			
7. Description of	Work: INSTALL N	EW UPPER WID	E RANGE	TAP, CON	IDENSA	ATE PO		
8. Tests Conduc	•	Pneumatic		al Operati	_			
		Pressure: A-1040						, - r
* NOTE:	The Secondary Si	ae myarotest was	conducted	i at inor p		S Case I	1 -7 IO- &	

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 <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed: Divibling KNPP Performance Sign Date 12/18/61
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 <u>O9-17-01</u>
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) Commissions NB 11557 ANT WIS 246444 Inspector's Signature National Board, State, Province, and Endorsements
Date: 12-18 2001

Continuation Sheet

Date: 12/12/01

1. Ow		in Public Service	Corporation		Date: <u>12</u>	2/12/01		
	P.O. Box	<u>h Adams</u> <u>(19001</u> ay, WI 54307-900	<u>1</u>			Sheet: <u>:</u>	1 of 2	
2. Pla		ee Nuclear Power	Plant			Unit: <u>No</u>	<u>).1</u>	
	N490 HV Kewaune	<u>vy 42</u> ee WI 54216-9511	<u>L</u>			Work O	rder#: SEE BE	LOW
			[WORK ORD		66 "	<u>DESCRIPTI</u> A" MS CUT OUT	
				01-008141 01-008141	M-MSA-350 M-MSB-351		B" MS CUT OUT	
3. Wo	rk Performed l	oy: <u>Bechtel Constr</u>	uction					
4. Ide	ntification of S	System: 06	Class:	2	Name: MAIN S	TEAM		
5. (a)	Applicable Co	nstruction Code: <u>U</u>	SAS B31.1, 196	67 Ed. ,No A	dd.		Code Case: N/	<u>A</u>
(b)	Applicable Ed	ition of Section XI U	Itilized for Repair	s or Replacer	nents: <u>1989, No A</u>	<u>dd.</u>	Code Case: N-	<u>416-2</u>
` ,	••				lacement Compor			
o. ide	enuncation of	Components Rep						
Nam Com	e of ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped Yes/No
	OOP-A N STEAM	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
SG L	OOP-B N STEAM	N/A	N/A	N/A	N/A	N/A	REPAIRED	YES
1 " G	AMMA PORT S X 1" LG GR C	COLONIAL MACHINE COMPANY, INC.	HT # 87261 HT CODE AEM	N/A	N/A	2000	REPLACEMENT	NO
1 " G	AMMA PORT S X 2" LG GR C	WFI INTERNATIONAL	HT # 8998228 HT CODE 297YNB	N/A	N/A	2001	REPLACEMENT	NO
		<u> </u>						
7. De	scription of W	Vork: TEMPORAR	Y REMOVAL C	OF EXISTING	G MAIN STEAM F	PIPING	AT EACH STEA	<u> </u>
GE	NERATOR	OUTLET NOZZLE	E. EXISTING P	IPING WAS	PREPARED AND	REINS	TALLED BY W	ELDING.
RE	INSTALLATI	ON INCLUDES A	DDITION OF T	WO NEW R	ADIOGRAPHY G	AMMA I	PORTS AND PL	<u>.UGS</u>
<u>PE</u>	R LOOP.							
8. Te	sts Conducte	d: Hydrostatic	☐ Pneumatic	☐ Nomina	al Operating Pres	sure 🗵	* Exemp	t 🗌
		Other: 🗌 P	ressure: A-104	0 psi / B-103	30 psi Test Temp:	: A-549.	35°F / B-548.17	°F
	* NOTE: T	he Secondary Sid	e Hydrotest wa	s conducted	at NOP per Code	Case N	N-416- 2	

Date: <u>12/12/01</u>
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 <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol Stamp
Certificate of Authorization No. N/A Expiration Date N/A
Signed: Triffing Kufp Parfirming Sign Date 12/18/61 Owner or Owner's Designee, Title
Office of Office of Cartesians,
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 09-17-51
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 National Board, State, Province, and Endorsements
Date: 1278 2001

Ē	Visconsin Public Servio 100 North Adams P.O. Box 19001 Green Bay, WI 54307-9				Date: <u>12</u> Sheet: 1		
2. Plant: <u>k</u>	(ewaunee Nuclear Pov				Unit: <u>No</u>	<u>.1</u>	
	<u> 1490 HWY 42</u> (ewaunee WI 54216-9	<u>511</u>			Work Or	der#: SEE BEI	<u>-0W</u>
_			WORK	ORDER	WP&IR		RIPTION
			01-008		-RCS-366	AND WELD	CS CUT OUT
			01-008	133 N	I-RCS-360	S.G. "A" RO	S NOZZLE
3. Work Pe	rformed by: <u>Bechtel Co</u>	nstruction					
4. Identifica	ation of System:3	6 Class:	1	Name: <u>REA</u>	CTOR COO	LANT	
	icable Construction Code					Code Case: N/	<u> </u>
						Code Case: N-	416-2
(b) Appl	icable Edition of Section	XI Utilized for Repairs	or Replacer	nents: <u>1989, r</u>	NO Add.	Code Case. N-	+10-2
6. Identific	ation of Components F	Repaired or Replace	ed and Rep	lacement Cor	mponents:		
		Manufacturer	National	Other	Year	Repaired,	ASME
Name of Compone	Name of Manufacturer	Serial No.	Board No.	Identificatio		Replaced, or Replacement	Code Stamped Yes/No
STEAM GENERAT	WESTINGHOUS	E 1141	68-28	NONE	1970	REPAIRED	YES
STEAM GENERAT	ANSALDO	202	151	QADC-00-37	76 2000	REPLACEMENT	YES
1 1 /2" CA SCREW		N/A	N/A	HT# 800091 HT CODE R	VP	REPLACEMENT	NO
1 1 /2" CA	P WESTINGHOUSE	N/A	N/A	HT 204394,	N/A	REPLACEMENT	NO
1				HT CODE S	AZ		
SCREW				HT CODE S	AZ		
SCREW			1011051.01			EVERED FROM	1
SCREW	otion of Work: <u>THE EX</u> I	STING WESTINGE	HOUSE LO			EVERED FROM	1
7. Descrip	otion of Work: <u>THE EXI</u>			WER ASSEM	BLY WAS S		1
7. Descrip		G. A NEW LOWER	ASSEMBL	WER ASSEM	BLY WAS S		1
7. Descrip	FOR COOLANT PIPING	G. A NEW LOWER	ASSEMBL	WER ASSEM	BLY WAS SI	TALLED, AND	
7. Descrip	FOR COOLANT PIPING ECTED TO THE REAC	G. A NEW LOWER	ASSEMBL IPING BY \	WER ASSEM Y WAS PREF	BLY WAS SIPARED , INS	TALLED, AND	

Date: <u>12/12/01</u>
Name of Component: REACTOR COOLANT
Work Order Number: <u>01-008137, 01-008133</u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
Signed: Twithing KNPP Performance Siph Date 12/18/01 Owner or Owner's Designee, Title
Owner of 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 <u>O9-17-01</u>
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) Commissions WIISTANT W3 246444 Inspector's Signature National Board, State, Province, and Endorsements
Date: 12-18 2001

P.O. I	onsin Public Service lorth Adams Box 19001 n Bay, WI 54307-900					ate: <u>12</u> heet: <u>1</u>		
	unee Nuclear Power	Plant			U	Jnit: <u>No</u>	<u>.1</u>	
<u>N490</u> <u>Kewa</u>	<u>HWY 42</u> junee WI 54216-9511	<u>1_</u>			<u>v</u>	Vork Or	der#: SEE BEL	<u>-OW</u>
			WORK	ORDER		P&IR		RIPTION
			01-008	137	M-RCS-	-367	S.G. "B" RC	CS CUT OUT
			01-008	133	M-RCS-	-361	S.G. "B" RO	S NOZZLE
3. Work Perform	ed by: <u>Bechtel Const</u>	ruction						
4. Identification	of System: 36	Class:	1	Name: <u>R</u>	EACTO	R C00	LANT	
	e Construction Code: <u>U</u>						Code Case: N//	<u> </u>
								
(b) Applicable	e Edition of Section XI t	Jtilized for Repairs	or Replacer	ments: <u>1989</u>), No Ad	<u>d.</u>	Code Case: <u>N-</u>	<u>416-2</u>
6 Identification	n of Components Rep	naired or Replace	ed and Rep	lacement C	Compone	ents:		
6. Identification	1 of Components No.						[5	ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	tion	Year Built	Repaired, Replaced, or Replacement	Code Stamped Yes/No
STEAM	WESTINGHOUSE	1142	68-29	NONE		1970	REPAIRED	YES
GENERATOR					376		REPAIRED REPLACEMENT	YES
GENERATOR STEAM	WESTINGHOUSE ANSALDO	1142	68-29 150	NONE QADC 00	376	2000	REPLACEMENT	YES
GENERATOR STEAM GENERATOR 1 1 /2" CAP				QADC 00	913,			
GENERATOR STEAM GENERATOR 1 1 /2" CAP SCREW 1 1 /2' CAP	ANSALDO	201	150	QADC 00	913, ERVP 94,	2000	REPLACEMENT	YES
GENERATOR STEAM GENERATOR 1 1 /2" CAP SCREW	ANSALDO	201 N/A	150 N/A	QADC 00 HT# 8000 HT CODE HT 20439	913, ERVP 94,	2000 N/A	REPLACEMENT	YES
GENERATOR STEAM GENERATOR 1 1 /2" CAP SCREW 1 1 /2' CAP SCREW 7. Description	ANSALDO	201 N/A N/A TING WESTINGH	150 N/A N/A	QADC 00 HT# 8000 HT CODE HT 20439 HT CODE	913, : RVP 14, : SAZ	2000 N/A N/A	REPLACEMENT REPLACEMENT REPLACEMENT	YES NO NO
GENERATOR STEAM GENERATOR 11/2" CAP SCREW 11/2' CAP SCREW 7. Description REACTOR	ANSALDO WESTINGHOUSE WESTINGHOUSE of Work: THE EXIST	201 N/A N/A ING WESTINGH	150 N/A N/A HOUSE LOY	QADC 00 HT# 8000 HT CODE HT 20439 HT CODE	913, ERVP 14, ESAZ EMBLY \	2000 N/A N/A	REPLACEMENT REPLACEMENT REPLACEMENT	YES NO NO
GENERATOR STEAM GENERATOR 11/2" CAP SCREW 11/2' CAP SCREW 7. Description REACTOR	ANSALDO WESTINGHOUSE WESTINGHOUSE of Work: THE EXIST COOLANT PIPING. ED TO THE REACTO	201 N/A N/A ING WESTINGH	150 N/A N/A HOUSE LOY ASSEMBL IPING BY \	QADC 00 HT# 8000 HT CODE HT 20439 HT CODE	913, ERVP 14, ESAZ EMBLY \	2000 N/A N/A WAS SE	REPLACEMENT REPLACEMENT REPLACEMENT EVERED FROM TALLED, AND	YES NO NO
GENERATOR STEAM GENERATOR 11/2" CAP SCREW 11/2' CAP SCREW 7. Description REACTOR CONNECT	ANSALDO WESTINGHOUSE WESTINGHOUSE Of Work: THE EXIST COOLANT PIPING. ED TO THE REACTO ucted: Hydrostation	201 N/A N/A N/A TING WESTINGH A NEW LOWER OR COOLANT P	150 N/A N/A HOUSE LOV ASSEMBL IPING BY V	QADC 00 HT# 8000 HT CODE HT 20439 HT CODE	913, ERVP 14, ESAZ EMBLY \ EPARE Ing Press	2000 N/A N/A WAS SE	REPLACEMENT REPLACEMENT REPLACEMENT EVERED FROM TALLED, AND	YES NO NO

Date: <u>12/12/01</u>
Name of Component: REACTOR COOLANT
Work Order Number: <u>01-008137, 01-008133</u>
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>repair and replacement</u> conforms to the rules of the ASME Code, Section XI repair or replacement.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed: Signed: Not Performance Signed: 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 69-17-01
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 AB 1155 7 ANI FE WIS 246 444 National Board, State, Province, and Endorsements
Date: 12-18 2001

1.		in Public Service	Corporation			Date: <u>1</u>	<u>2/12/01</u>	<u>L</u>	
	P.O. Box	<u>h Adams</u> <u>: 19001</u> ay, WI 54307-900	<u>)1</u>			Sheet:	<u>1of 4</u>		
2.		ee Nuclear Power	· <u>Plant</u>			Unit: <u>No</u>	<u>5.1</u>		
	<u>N490 HV</u> Kewaune	<u>v r 42</u> ee WI 54216-9511	<u>1</u>			Work O	rder#:	SEE BE	LOW
				WORK	ORDER	WP&IR			CRIPTION
				01-013	376	M-LLR-313	A	Adapters a	pper Col. and Reshim eral Restraint
		oy: <u>Bechtel Const</u> System: <u>36</u>		Name:	"A" Col. Ad	apter Plates a	ınd Lov	ver Later	al Shims
5.	(a) Applicable Co	nstruction Code: <u>U</u>	SAS B31.1, 196	7 Ed. ,No A	dd.		Code	Case: <u>N/</u>	<u>A</u>
	(b) Applicable Ed	ition of Section XI U	Itilized for Repairs	or Replacer	nents: <u>1989</u> ,	No Add.	Code	Case: <u>N/</u>	<u>A</u>
6.	Identification of	Components Rep	paired or Replace	ed and Rep	lacement Co	omponents:			
1	ame of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	Year on Built	Repa Repla or Repla	aced,	ASME Code Stamped Yes/No
S		1 1 1 1 1 1 1 1		Board			Repla or		Code
S	omponent ee continuation	1 1 1 1 1 1 1 1		Board			Repla or	aced,	Code Stamped
S	omponent ee continuation	1 1 1 1 1 1 1 1		Board			Repla or	aced,	Code Stamped
S	omponent ee continuation	1 1 1 1 1 1 1 1		Board			Repla or	aced,	Code Stamped
S	omponent ee continuation	1 1 1 1 1 1 1 1		Board			Repla or	aced,	Code Stamped
S	omponent ee continuation	1 1 1 1 1 1 1 1		Board			Repla or	aced,	Code Stamped
Sist	ee continuation neet, page 3	1 1 1 1 1 1 1 1	Serial No.	Board No.	Identificati	on Built	Repla or Repla	aced,	Code Stamped Yes/No
Sist	ee continuation neet, page 3	Manufacturer	eam generator s	Board No.	er column a	dapters and re	Repla or Repla	aced, acement	Code Stamped Yes/No
7.	ee continuation neet, page 3	Manufacturer /ork: Replaced sto	eam generator sides to the steam	Board No.	er column a	dapters and re	Repla or Repla	aced, acement	Code Stamped Yes/No

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____ Signed: Awilling Lupp Performance Sign 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 O9-/ 2-01 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. National Board, State, Province, and Endorsements (Robert T. Ward) Inspector's Signature

12-18 2001

Date:

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-	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	Colonial	Ht. No. B28393	N/A	N/A	2001	Replacement	No
F436-93 1" Hex. Hd. Nuts	Colonial	Ht. No. S41165	N/A	N/A	2001	Replacement	No
A194 Gr. 2H 3/4" Lockwashers	Colonial	Ht. No. 43739D	N/A	N/A	2001	Replacement	No
B18.21 S.G. Col. Adapter	Colonial	Fabricated Assembly	N/A	MRR 1042	2001	Replacement	No
A588 S.G. Col. Adapter	Colonial	Ht. No. 8996496C0477	N/A	N/A	2001	Replacement	No
Pin AISI 4340 S.G. Col. Adapter Pin Washer A-588,	Colonial	Ht. No. 803M62250	N/A	N/A	2001	Replacement	No
Gr. A 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 <u>:</u>	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
							
					<u> </u>		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corporat	<u>ion</u>			Date <u>11/2</u>	26/2001	
	700 North Adams P.O.Box 19001	Green Bay, WI 5430	7- <u>9001</u>		Sheet 1	of <u>2</u>	
0 Di1	Kanana a Muslaar Dawer Blant				Unit No.	<u>. 1</u>	
2. Plant	Kewaunee Nuclear Power Plant N490 HWY 42 Kewaunee, WI 542	16-9511			Work Orde	r <u>01-005013</u>	
	14450 11VV 1 42 Newadirec, VV 042	10 0011					
3. Work Pe	erformed By <u>Nuclear Manageme</u> r	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
	700 First Street, Hud	<u>lson, Wisconsin 540</u>	<u>116</u>		Authorizati	on No. <u>NA</u>	
4. Identific	ation of System 33 Class 1	SAFETY INJECT	<u>ION</u>		Expiration	Date <u>NA</u>	
5. (a) Appl	icable Construction Code B16.5-1	<u>967</u>			Code Case	NA	
() ()							
(b) Appl	icable Edition of Section XI Utilized	for Repairs or Repla	acements 1989				
6. Identific	ation of Components Repaired or F	eplaced and Replac	ement Component	s			
Name of Compone		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-22B	ANCHOR/DARLING VALVE	NF NF	NA	SI115-002	1970	REPLACEMENT	N
7. Descrip 8. Tests co	tion of Work OPEN FOR INSPECT VALVE BONNET STORM Onducted Hydrostatic Other	CTION CLASS 1 SAF FUD. Pneuma	atic No	SYSTEM 12" V minal Operating Test To	Pressure	B AND REPLACEME X Exer 3 deg. F	
9. Remark	s <u>NOT APPLICABLE.</u>						

Applicable Manufacturer's Data Reports to be Attached

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

Phillip C. Bukes Inservice Impertion Program Owner Date Junuary 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 1-3/-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of 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 Mature

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

National Board, State, Province, and Endorsements

Date Flbruary 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner W	/isconsin Public Service Corpo	ration			Date <u>11/2</u>	27/2001	
70	00 North Adams P.O.Box 1900	 1 Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2.5	o north odinor (or one)				Unit No	1	
_	ewaunee Nuclear Power Plant						
<u>N</u> 4	490 HWY 42 Kewaunee, WI 5	<u> 1216-9511</u>			Work Orde	r <u>01-005020</u>	
3. Work Perfe	ormed By <u>Nuclear Manager</u>	nent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, I	ludson, Wisconsin 540	116		Authorizati	on No. <u>NA</u>	
4. Identificati	on of System 34 Class	2 RESIDUAL HEAT	REMOVAL		Expiration	Date <u>NA</u>	
5. (a) Applica	able Construction Code NA				Code Case	e <u>NA</u>	
41 S. A 12	III E BO Co E VI I I I I I I	ad for Donoiro or Donis	acomonto 1080				
(b) Applica	able Edition of Section XI Utiliz	ed for Repairs of Repia	acements 1909				
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
	5, 15, 15, 15						
7. Description 8. Tests cond	n of Work <u>INSPECT AND R</u>	EBUILD CLASS 2 RES	atic No	minal Operatir	ng Pressure	L HEAT REMOVAL X Exe deg. F	

Applicable Manufacturer's Data Reports to be Attached

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 Phellip E. Buker Inserver Inspertion Program Owner 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 /-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.

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

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

Date Flbruary 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	ublic Service Corporati	<u>on</u>			Date <u>11/29</u>	9/2001	
	700 North Ad	lams P.O.Box 19001 (Green Bay, WI 5430	<u> </u>		Sheet <u>1</u>	of <u>2</u>	
		de a Barra Black				Unit <u>No.</u>	1	
2. Plant		uclear <u>Power Plant</u> 2 Kewaunee, WI 5421	6.0511		,	Work Order	01-005030	
	N490 HVVY 4	z Kewaunee, WI 5421	0-9511					
3. Work P	Performed By	Nuclear Managemen	t Company, LLC		•	Type Code	Sym. Stamp <u>NA</u>	
		700 First Street, Hud	lson, Wisconsin 540	<u>016</u>		Authorizatio	n No. <u>NA</u>	
4. Identific	cation of Syste	m <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTRO	<u>L</u>	Expiration [Date <u>NA</u>	
5. (a) App	olicable Constr	uction Code B31.1-19	9 <u>67</u>			Code Case	<u>NA</u>	
		. CO Harry VI Chillered	for Denoire or Donl	acamenta 1090				
(b) App	olicable Edition	of Section XI Utilized	ioi Repails of Repli	acements 1303				
6. Identific	cation of Comp	onents Repaired or R	eplaced and Replac	cement Components	;			
	·							
	<u></u>							
Name o	of Nam	ne of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Name o		ne of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	•	
	ent Manu						Replaced, or	Code
LD-13	ent Manu	facturer	Serial No.	Board No. NA	ID CS014-001	Built 1971	Replaced, or Replacement REPAIRED	Code Stamped
LD-13	ent Manuf CROS CO.	facturer BY VALVE & GAGE	Serial No.	Board No. NA	ID CS014-001	Built 1971	Replaced, or Replacement REPAIRED	Code Stamped
LD-13	ent Manuf CROS CO.	facturer BY VALVE & GAGE	Serial No.	Board No. NA EMICAL AND VOLUI	ID CS014-001 ME CONTROL	Built 1971 SYSTEM 2	Replaced, or Replacement REPAIRED "VALVE LD-13.	Code Stamped N
LD-13 7. Descrip	ent Manuf CROS CO.	facturer BY VALVE & GAGE	Serial No.	Board No. NA EMICAL AND VOLUI	ID CS014-001	Built 1971 SYSTEM 2	Replaced, or Replacement REPAIRED	Code Stamped N
LD-13 7. Descrip	CROS CO.	facturer BY VALVE & GAGE REMOVE FOR TES	Serial No. NF TING CLASS 2 CHI	Board No. NA EMICAL AND VOLUI	ID CS014-001 ME CONTROL	Built 1971 SYSTEM 2 Pressure	Replaced, or Replacement REPAIRED "VALVE LD-13.	Code Stamped N
LD-13 7. Descrip	CROS CO.	REMOVE FOR TES	Serial No. NF TING CLASS 2 CHI	Board No. NA EMICAL AND VOLUI	ID CS014-001 ME CONTROL ninal Operating	Built 1971 SYSTEM 2 Pressure	Replaced, or Replacement REPAIRED "VALVE LD-13.	Code Stamped N
LD-13 7. Descrip	CROS CO.	REMOVE FOR TES	Serial No. NF TING CLASS 2 CHI	Board No. NA EMICAL AND VOLUI	ID CS014-001 ME CONTROL ninal Operating	Built 1971 SYSTEM 2 Pressure	Replaced, or Replacement REPAIRED "VALVE LD-13.	Code Stamped N

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 11/29/2001

Name of Component: LD-13

Work Order Number: 01-005030

Certificate	of	Com	pliance
Certificate	v	OOH	pilalice

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 & Bukes Insurvee Inspection Program Burner 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 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

		· · · · · · · · · · · · · · · · · · ·						
1. Owner	Wisconsin	Public Service Corpora	<u>tion</u>			Date <u>11/</u>	29/2001	
	700 North /	Adams P.O.Box 19001	Green Bay, WI 5430	<u>)7-9001</u>		Sheet <u>1</u>	of <u>2</u>	
2. Plant	Kewaunee	Nuclear Power Plant				Unit <u>No</u>	<u>. 1</u>	
		42 Kewaunee, WI 542	<u>16-9511</u>			Work Orde	er <u>01-005031</u>	
3. Work F	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	,	700 First Street, Hu		<u>016</u>		Authorizat	ion No. <u>NA</u>	
4. Identifi	cation of Sys	tem <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTRI			Date <u>NA</u>	
5. (a) App	olicable Cons	truction Code B31.1-1	<u>967</u>			Code Case	e <u>NA</u>	
(b) App	licable Editio	n of Section XI Utilized	I for Repairs or Repl	acements 1989				
6 Idontifi	nation of Con	nponents Repaired or F	Pontaged and Pontag	coment Component	re.			
o. identin	ation of Cor	iponents Repaired or F	replaceu anu rrepla	zement Component	.5			
Name o		me of ufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
LD-5	CRO CO.	SBY ASHTON GAGE	NF	NA	CS109-001	1970	REPAIRED	N
	··········							
7. Descrip	otion of Work	REMOVE FOR TES	TING CLASS 2 CH	EMICAL AND VOL	UME CONTROL	SYSTEM	2" VALVE LD-5.	
8. Tests c	onducted	Hydrostatic	Pneuma	atic Nor	minal Operating	Pressure	X Exe	mpt
		Other	Pressur	re <u>500</u> psi	Test Te	mp. <u>25</u> 0	odeg. F	

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

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. <u>NA</u>

Expiration Date NA

Signed Phillip E. Bukes I mourice Inspection Program Owner 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 1-3/-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Inspector Signature National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1 Owner	Wisconsin Public Service Corpo	ration		Ι	Date <u>12/4</u>	<u>/2001</u>	
1. Owner	700 North Adams P.O.Box 1900)7- <u>9001</u>	5	Sheet 1	of <u>2</u>	
				l	Jnit <u>No.</u>	<u>1</u>	
2. Plant	Kewaunee Nuclear Power Plant			1	Nork Order	01-005033	
	N490 HWY 42 Kewaunee, WI 5	4216-9 <u>511</u>					
3. Work P	erformed By Nuclear Manager	nent Company, LLC		-	Type Code S	Sym. Stamp <u>NA</u>	
	700 First Street, I	Hudson, Wisconsin 540	<u>016</u>	,	Authorizatio	n No. <u>NA</u>	
4. Identifi	cation of System 36 Class	1 REACTOR COO	LANT	I	Expiration D	ate <u>NA</u>	
5. (a) App	olicable Construction Code ASMI	<u> </u>		ı	Code Case	<u>NA</u>	
	olicable Edition of Section XI Utiliz		acements 1989				
(b) App	Discable Edition of Section At Othiz	eu for Repairs of Repi	1000				
6. Identifi	cation of Components Repaired o	or Replaced and Repla	cement Components	3			
Name of	of Name of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
	ent Manufacturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
PR-3A	ent Manufacturer CROSBY, ASHTON GAC COMPANY		Board No.	ID RC008-001	B uilt 1972		
PR-3A 7. Descri	CROSBY, ASHTON GAC COMPANY	GE NF S 1 REACTOR COOL	NA ANT SYSTEM 6" VAL	RC008-001	1972 R TESTING Pressure	Replacement REPLACEMENT	N N DICS INSERT

Applicable Manufacturer's Data Reports to be Attached

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.

Expiration Date NA

Signed Philip C. Bukes Inservece Inserten 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 1-3/-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of 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.

National Board, State, Province, and Endorsements

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

Inspector's Signature National Board, State, Province, and Date Lebruary 1, 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpo	ration			Date <u>12/2</u>	0/2001	
	700 North Adams P.O.Box 1900	11 Green Bay, WI 5430	7-90 <u>01</u>		Sheet 1	of <u>2</u>	
					Unit No.	1	
2. Plant	Kewaunee Nuclear Power Plant						
	N490 HWY 42 Kewaunee, WI 5	<u>4216-9511</u>			Work Orde	r <u>01-005272</u>	
3. Work P	Performed By <u>Nuclear Managen</u>	nent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, I	Hudson, Wisconsin 540	<u>16</u>		Authorization	on No. <u>NA</u>	
4. Identifi	cation of System 05B Class	2 AUXILIARY FEED	OWATER		Expiration	Date <u>NA</u>	
5. (a) App	olicable Construction Code B31.1	<u>-1967</u>			Code Case	NA	
		. d for Donaine on Book	to 1000				
(b) App	olicable Edition of Section XI Utiliz	ed for Repairs of Repla	icements 1909				
6. Identifi	cation of Components Repaired o	r Replaced and Replac	ement Components	s			
Name of		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	ent Manufacturer	***************************************				Replaced, or	Code
AFW-4B	william Powell CO. ption of Work REPAIR CLASS conducted Hydrostatic Other	Serial No. 61208 2 AUXILARY FEEDWA	Board No. NA TER SYSTEM 3" V	F015-002	Built 1972 DUE TO IM Pressure	Replaced, or Replacement REPAIRED	Code Stamped N

Applicable Manufacturer's Data Reports to be Attached

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.

Expiration Date NA

Signed Phellip C. Bukes Inservee Impection Programowner Date Juniory 4 ,20 62

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 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

	·					
Owner Wisconsin Public Service Corporation	<u>on</u>			Date <u>12/2</u>	20/2001	
700 North Adams P.O.Box 19001 G	Green Bay, WI 54307-	<u>-9001</u>		Sheet 1	of <u>2</u>	
2. Cleat - Variance Nuclear Power Blant				Unit <u>No.</u>	<u>. 1</u>	
2. Plant <u>Kewaunee Nuclear Power Plant</u> N490 HWY 42 Kewaunee, WI 5421	6-9511			Work Orde	r <u>01-005273</u>	
				Type Code	Sum Stamp NA	
3. Work Performed By Nuclear Management				Type Code	Sym. Stamp NA	
700 First Street, Huds	son, Wisconsin 5401	<u>6</u>		Authorizati	on No. <u>NA</u>	
4. Identification of System 05B Class 2	AUXILIARY FEEDV	WATER		Expiration	Date <u>NA</u>	
5. (a) Applicable Construction Code <u>B31.1-19</u>	<u>67</u>			Code Case	• <u>NA</u>	
(b) Applicable Edition of Section XI Utilized f	for Repairs or Replac	ements <u>1989</u>				
6. Identification of Components Repaired or Re	eplaced and Replace	ment Components	S			
6. Identification of Components Repaired or Re Name of Name of Component Manufacturer	eplaced and Replaced Manufacturer Serial No.	Ment Components National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Name of Name of	Manufacturer	National	Other		Replaced, or	Code

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

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.

Expiration Date NA

Signed Phillip C. Bukes I nouve a 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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Roya Majuris Commissions NB7741, I, N, IS, A WIS 100024

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

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

Applicable Manufacturer's Data Reports to be Attached

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 Phillips C. Buker Inservice Inspection Programowner 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 $\frac{7-25-00}{}$ to $\frac{\sqrt{-3/-02}}{}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of 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.

Ryn Myuin

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

Inspector's Signature

National Board. State Province and

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisc	consin Public Service Corpora	ation			Date <u>12/</u> 3	3/2001	
	North Adams P.O.Box 19001		<u>7-9001</u>		Sheet <u>1</u>	of <u>2</u>	
					Unit No.	1	
	aunee Nuclear Power Plant						
<u>N49</u>	0 HWY 42 Kewaunee, WI 54	<u>216-9511</u>			Work Order	<u>01-007183</u>	
3. Work Perforn	med By <u>Nuclear Managem</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hi	udson, Wisconsin 540	16		Authorizatio	n No. <u>NA</u>	
4. Identification	of System 23 Class 2	CONTAINMENT S	SPRAY		Expiration D	Date <u>NA</u>	
5. (a) Applicable	e Construction Code B16.5-	<u>1967</u>			Code Case	<u>NA</u>	
	Eller of Orable Miller	d for Donator and Double	4000				
(b) Applicable	e Edition of Section XI Utilize	a for Repairs or Repla	acements 1989				
Name of Component	of Components Repaired or 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 o	of Work OPEN FOR MAIN	ENANCE CLASS 2 II	NTERNAL CONTAIN	IMENT SPRAY	8" VALVE	ICS-2B.	
8. Tests conduc	cted Hydrostatic	Pneuma	tic Nomi	inal Operating	Pressure	X Exe	mpt

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.

Expiration Date NA

Signed Philippe, Bulked Instructe Important Program Quener Date Jamuary 4 ,20 03

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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National Board, State, Province, and Endorsements

Inspector's Signature

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

National Board, State, Province, and Date february 20 02

As Required by the Provisions of the ASME Code Section XI

1 Owner	Wisconsin Pu	blic Service Corpora	tion		1	Date <u>1/14</u>	4/2002	
i. Owner			Green Bay, WI 5430	7-9001	:	Sheet <u>1</u>	of <u>2</u>	
	700 140141 740	<u> </u>	<u> </u>		1	Jnit No.	_	
2. Plant		clear Power Plant					_	
	N490 HWY 42	2 Kewaunee, WI 542	<u>16-9511</u>		'	Nork Order	01-007184	
3. Work F	Performed By	Nuclear Manageme	nt Company, LLC		•	Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>	•	Authorizatio	on No. <u>NA</u>	
4. Identifi	ication of Syster	n <u>23</u> Class <u>2</u>	CONTAINMENT	SPRAY		Expiration [Date <u>NA</u>	
5. (a) App	plicable Constru	ction Code <u>B16.5-1</u>	967		,	Code Case	<u>NA</u>	
(h) A	-liaahla Edition	of Castion VI I Hilizar	I for Repairs or Repl	acements 1989				
(p) Abt	piicable Edition	or Section At Othized	1 tot Repairs of Repi	2001101110 <u>1000</u>				
6. Identifi	ication of Comp	onents Repaired or I	Replaced and Replac	cement Components	S			
-								
Name of		e of acturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-40	0B CRANI COMP		NA	NA	ICS006-006	1970	REPAIRED	N
7. Descri	ption of Work	OPEN FOR MAINT	ENANCE CLASS 2	INTERNAL CONTAI	NMENT SPRAY	6" VALVE	RHR-400B DUE T	O POSSIBLE
8. Tests o	conducted	Hydrostatic Other	Pneuma Pressu		ninal Operating Test Te		X Exe	mpt

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 Repair or Replacement

Type Code Symbol Stamp NA

ASME Code Section XI.

Certificate of Authorization No.

Expiration Date

Signed Phillip C Bukes Ingenue Inspection Program Owner Date January 14, 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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Commissions NB7741, I, N, IS, A WIS 100024

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

National Board, State, Province, and Endorsements

Date February 1 ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Se	ervice Corporation				ate <u>12/20</u>	/2001	
	700 North Adams P.			7-9001	S	heet 1	of <u>2</u>	
	te	Dawer Blant			ι	Jnit <u>No.</u>	<u>1</u>	
-	Kewaunee Nuclear I N490 HWY 42 Kewa		9511		٧	Vork Order	<u>01-007185</u>	
					т	Tuna Cada i	Sym. Stamp <u>NA</u>	
3. Work Pe	•	ar Management C			'	ype Code .	Syrii. Otarrip	
	700 F	irst Street, Hudso	n, Wisconsin 540	<u>116</u>	P	Authorizatio	n No. <u>NA</u>	
4. Identifica	ation of System 23	3 Class 2 9	CONTAINMENT :	SPRAY	E	Expiration D	ate <u>NA</u>	
5. (a) Appli	icable Construction (Code <u>B16.5-1967</u>	7		(Code Case	<u>NA</u>	
41.3 A = -15	icable Edition of Sec	tion VI Litilized for	r Renairs or Renia	acements 1989				
(a) Appii	icable Edition of Sec	AION AN ORNIZED 101	repairs or respic	<u></u>				
6. Identifica	ation of Components	Repaired or Rep	laced and Replac	cement Components				
Name of			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Compone	nt Manufacture		Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
*	nt Manufacture						Replaced, or	Code
Compone	nt Manufacture		Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
Compone	nt Manufacture A CRANE COMPANY	er	Serial No.	Board No.	ID ICS006-005	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Componer RHR-400/	nt Manufacture A CRANE COMPANY tion of Work OPEI	er N FOR MAINTEN	Serial No. NF ENCE CLASS 2 I	Board No.	ID ICS006-005	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Componer RHR-400/	nt Manufacture A CRANE COMPANY tion of Work OPEI	er	Serial No. NF ENCE CLASS 2 I	Board No.	ID ICS006-005	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Componer RHR-400/	nt Manufacture A CRANE COMPANY tion of Work OPEI	er N FOR MAINTEN	Serial No. NF ENCE CLASS 2 I SEAT GALLING.	NA NERNAL CONTAI	ID ICS006-005	Built 1970 SYSTEM	Replaced, or Replacement REPAIRED	Code Stamped N 0A DUE TO
Componer RHR-400/	nt Manufacture A CRANE COMPANY tion of Work OPEI POS:	er N FOR MAINTEN	Serial No. NF ENCE CLASS 2 I	NA NERNAL CONTAI	ID ICS006-005	Built 1970 SYSTEM	Replaced, or Replacement REPAIRED	Code Stamped N 0A DUE TO
RHR-400/ 7. Descript	nt Manufacture A CRANE COMPANY tion of Work OPEI POS:	er N FOR MAINTEN SIBLE DISC TO S	Serial No. NF ENCE CLASS 2 I	NA NTERNAL CONTAIL atic Non	ID ICS006-005	Built 1970 SYSTEM Pressure	Replaced, or Replacement REPAIRED	Code Stamped N 0A DUE TO
RHR-400/ 7. Descript	nt Manufacture A CRANE COMPANY tion of Work OPEI POS:	N FOR MAINTEN SIBLE DISC TO S	Serial No. NF ENCE CLASS 2 I SEAT GALLING. Pneuma	NA NTERNAL CONTAIL atic Non	ID ICS006-005 NMENT SPRAY	Built 1970 SYSTEM Pressure	Replaced, or Replacement REPAIRED 6" VALVE RHR-40	Code Stamped N 0A DUE TO

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.

Expiration Date NA

Signed Phellip C. Bukes Inservere Inspection Program Owner Date Junuary, 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 to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, an

National Board, State, Province, and Endorsements

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner Wi	isconsin Public Service Corpo	ration		[Date <u>11</u>	<u>/9/2001</u>	
	0 North Adams P.O.Box 1900		7-9001	Ş	Sheet <u>1</u>	of <u>2</u>	
				ι	Jnit No.	. 1	
	ewaunee Nuclear Power Plant	1010 0511				r <u>01-007186</u>	
<u>N4</u>	190 HWY 42 Kewaunee, WI 54	1 216-9 <u>511</u>		•	vork Orde	01-007 100	
3. Work Perfo	ormed By <u>Nuclear Managen</u>	nent Company, LLC		٦	ype Code	Sym. Stamp NA	
	700 First Street, F	ludson, Wisconsin 540	<u>)16</u>	Į.	uthorizati	on No. <u>NA</u>	
4. Identificatio	on of System 23 Class	2 CONTAINMENT	SPRAY	E	Expiration	Date <u>NA</u>	
5. (a) Applical	ble Construction Code B16.5	-1967		(Code Case	NA	
			4000				
(b) Applicat	ble Edition of Section XI Utiliz	ed for Repairs or Repia	acements 1989				
Name of			Netterral	Other	Year	Repaired,	ASME
Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	ID	Built	Replaced, or Replacement	Code Stamped
	*******					•	
Component	Manufacturer CRANE VALVE CO. n of Work OPEN FOR REPA	Serial No.	Board No. NA NMENT SPRAY SY atic Nor	ID ICS006-003	Built 1970 ICS-5B C	Replacement	Stamped N EAT GALLING

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 Phillips E. Bukes Insurvel Inspection Program (Turner) 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 Majura Commissions NB7741, I, N, IS, A WIS 100024

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

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpor	ation		I	Date <u>11/</u>	<u>/9/2001</u>	
	700 North Ad	ams P.O.Box 1900	1 Green Bay, WI 543	<u>07-9001</u>	:	Sheet <u>1</u>	of <u>2</u>	
O Diont	Kawaupaa N	uclear Power Plant			1	Jnit <u>No.</u>	.1	
2. Plant		2 Kewaunee, WI 54	216-9511		1	Work Orde	r <u>01-007187</u>	
						Euro Codo	Sum Stoma NA	
3. Work P	erformed By		ent Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, H	udson, Wisconsin 54	<u>016</u>		Authorizatio	on No. NA	
4. Identific	cation of Syste	m <u>23</u> Class <u>2</u>	2 CONTAINMENT	SPRAY	1	Expiration	Date <u>NA</u>	
5. (a) App	licable Constru	uction Code B16.5-	1967		I	Code Case	NA	
		(O F VI 1 EFF-	d for Danaire or Dan	January 1090				
(b) Appi	licable Edition	of Section At Othize	ed for Repairs or Rep	lacements 1909				
6. Identific	ation of Comp	onents Repaired or	Replaced and Repla	cement Component	s			
							Panaired	ACREE
Name of	f Nam	e of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Name of		e of acturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built		
	ent Manuf						Replaced, or	Code
Compone ICS-6B	ent Manus CRAN	E VALVE OPEN FOR MAIN	Serial No.	Board No.	ID ICS006-004	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Compone ICS-6B	CRAN CO.	acturer E VALVE	Serial No.	Board No.	ID ICS006-004	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Compone ICS-6B	CRAN CO.	E VALVE OPEN FOR MAIN	Serial No.	Board No.	ID ICS006-004	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Compone ICS-6B	CRAN CO.	E VALVE OPEN FOR MAIN	Serial No.	Board No. NA CONTAINMENT SE	ID ICS006-004	Built 1970	Replaced, or Replacement REPAIRED	Code Stamped N
Compone ICS-6B 7. Descrip	CRAN CO.	OPEN FOR MAIN GALLING.	Serial No. NF TENANCE CLASS 2	Board No. NA CONTAINMENT SE	ID ICS006-004 PRAY SYSTEM 6	Built 1970 "VALVE II	Replaced, or Replacement REPAIRED	Code Stamped N

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. Bukes Inservice Impaction 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 /-3/-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date February 1, 20 02

As Required by the Provisions of the ASME Code Section XI

				· · · · · · · · · · · · · · · · · · ·			
1. Owner W	isconsin Public Service Corpo	pration			Date 9	/7/2001	
<u>70</u>	0 North Adams P.O.Box 190	01 Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
					Unit No	. 1	
	ewaunee Nuclear Power Plan	-				er <u>01-013239</u>	
<u>N</u> 2	190 HWY 42 Kewaunee, WI 5	4216-9511			Work Orde	01-013235	
3. Work Perfo	ormed By <u>Nuclear Manager</u>	ment Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street,	Hudson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. NA	
4. Identification	on of System 33 Class	1 SAFETY INJECT	<u>ION</u>		Expiration	Date <u>NA</u>	
5. (a) Applica	ble Construction Code B16.	5-1967			Code Case	e <u>NA</u>	
, , , , ,							
(b) Applica	ble Edition of Section XI Utiliz	ed for Repairs or Repla	acements 1989				
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. Description8. Tests cond	<u>LEAKAGE.</u>	NG ON CLASS 1 SAFE Pneuma	atic Nor	<u>'STEM 6" VALV</u> minal Operating Test Te	Pressure	DUE TO EVIDENCI Exe deg. F	

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. Bulks Instruce Impector Program Owner Date Junuary 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.

National Board, State, Province, and Endorsements

Royal Morana Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and

Date February / ,20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpo	ration		I	Date <u>8/2</u>	20/2001	
	700 North Ad	ams P.O.Box 1900	1 Green Bay, WI 543	<u>307-9001</u>	;	Sheet <u>1</u>	of <u>2</u>	
2. Plant	Kewaunee N	uclear Power Plant			ı	Jnit <u>No</u>	<u>. 1</u>	
2. 1 lant		2 Kewaunee, WI 54			,	Nork Orde	r <u>01-013438</u>	
3. Work P	erformed By	Nuclear Managen	nent Company, LLC		-	Type Code	Sym. Stamp NA	
		700 First Street, F	ludson, Wisconsin 5	<u>4016</u>	,	Authorizati	on No. <u>NA</u>	
4. Identific	cation of Syste	m <u>35</u> Class	2 CHEMICAL AN	D VOLUME CONTRO	<u>OL</u> I	Expiration	Date <u>NA</u>	
5. (a) App	licable Constr	uction Code B31.1	<u>-1967</u>		(Code Case	e <u>NA</u>	
(b) App	licable Edition	of Section XI Utiliz	ed for Repairs or Rep	placements 1989				
			5 1 1 15 1		L_			
6. Identific	cation of Comp	onents Repaired o	r Replaced and Repl	acement Component	ts			
6. Identific	cation of Comp	onents Repaired o	r Replaced and Repl	acement Component	ts			
6. Identific			r Replaced and Repl	acement Component National	Other	Year	Repaired, Replaced, or	ASME Code
	f Nam					Year Built	Repaired, Replaced, or Replacement	
Name o	f Nament Manu	e of	Manufacturer Serial No.	National	Other		Replaced, or	Code
Name o Compone	f Nament Manu	e of facturer NELL FIRE	Manufacturer Serial No.	National Board No.	Other ID	Built	Replaced, or Replacement	Code Stamped
Name o Compone CVC-4C	f Nament Manu GRINN PROT	e of facturer NELL FIRE ECTION SYSTEMS	Manufacturer Serial No. NF	National Board No.	Other ID CS033-005	Built 1973	Replaced, or Replacement REPAIRED	Code Stamped N
Name o Compone CVC-4C	f Nament Manu	e of facturer NELL FIRE ECTION SYSTEMS	Manufacturer Serial No. NF S	National Board No. NA	Other ID CS033-005	Built 1973	Replaced, or Replacement REPAIRED	Code Stamped N
Name o Compone CVC-4C	f Nament Manu GRINN PROT	e of facturer NELL FIRE ECTION SYSTEMS TORQUE BOLTIN	Manufacturer Serial No. NF S	National Board No. NA	Other ID CS033-005	Built 1973	Replaced, or Replacement REPAIRED	Code Stamped N
Name o Compone CVC-4C	f Nament Manus GRINN PROT	e of facturer NELL FIRE ECTION SYSTEMS TORQUE BOLTIN	Manufacturer Serial No. NF S	National Board No. NA EMICAL AND VOLUI	Other ID CS033-005	Built 1973 YSTEM 3	Replaced, or Replacement REPAIRED	Code Stamped N
Name o Compone CVC-4C 7. Descrip	f Nament Manus GRINN PROT	e of facturer NELL FIRE ECTION SYSTEMS TORQUE BOLTIN	Manufacturer Serial No. NF S	National Board No. NA EMICAL AND VOLUI	Other ID CS033-005 ME CONTROL S	Built 1973 YSTEM 3' Pressure	Replaced, or Replacement REPAIRED	Code Stamped N
Name o Compone CVC-4C 7. Descrip	f Nament Manus GRINN PROT	e of facturer NELL FIRE ECTION SYSTEMS TORQUE BOLTIN TO BONNET LEA	Manufacturer Serial No. NF S NG ON CLASS 2 CH K. Pneur	National Board No. NA EMICAL AND VOLUI	Other ID CS033-005 ME CONTROL S minal Operating	Built 1973 YSTEM 3' Pressure	Replaced, or Replacement REPAIRED VALVE CVC-4C D	Code Stamped N

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

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 C. Buken Inservice Impertum Program Quirer 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.

Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and Endorsements

Date February 1, 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin							
11 0 111101	n Public Service Corpora	tion			Date <u>11/</u> 2	21/2001	
700 North	Adams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet <u>1</u>	of <u>2</u>	
2. Plant Kewaunee	e Nuclear Power Plant				Unit <u>No</u>	<u>. 1</u>	
	Y 42 Kewaunee, Wi 542	<u>:16-9511</u>			Work Orde	er <u>01-014566</u>	
3. Work Performed B	By Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		dson, Wisconsin 540	<u>)16</u>		Authorizati	ion No. NA	
4. Identification of Sys	rstem <u>34</u> Class <u>2</u>	RESIDUAL HEAT	REMOVAL			Date <u>NA</u>	
5. (a) Applicable Con	struction Code B31.1-1	<u>967</u>		1	Code Case	• <u>NA</u>	
	ion of Section XI Utilized			s			
	ame of nufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component Mar	nufacturer ANE VALVE					Replaced, or	Code

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

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 Phillips C. Bukes I manusce I magnetion Program Owner 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 7-15-00 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.

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

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

Date February 1, 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporat	<u>ion</u>			Date <u>11/2</u>	7/2001	
700 North Adams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet <u>1</u>	of <u>2</u>	
Plant Kewaunee Nuclear Power Plant				Unit <u>No</u>	<u>1</u>	
N490 HWY 42 Kewaunee, WI 542	<u>16-9511</u>			Work Orde	r <u>01-014567</u>	
Work Performed By <u>Nuclear Managemer</u>	nt Company, LLC			Type Code	Sym. Stamp NA	
700 First Street, Huc	Ison, Wisconsin 540	<u>)16</u>		Authorizati	on No. <u>NA</u>	
4. Identification of System 34 Class 2	RESIDUAL HEAT	Γ REMOVAL		Expiration	Date <u>NA</u>	
5. (a) Applicable Construction Code <u>B31.1-19</u>	<u>967</u>			Code Case	NA	
(b) Applicable Edition of Section XI Utilized	for Repairs or Repla	acements 1989				
6. Identification of Components Repaired or R	onloced and Denise	oment Companent	·s			
Name of Name of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
				Year Built	•	· -
Name of Name of	Manufacturer	National	Other		Replaced, or	Code

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

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.

Expiration Date NA

Phillip C. Bukes Inservice Inspection Program Owner 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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Commissions NB7741, I, N, IS, A WIS 100024

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

Date February 1, 20 02

As Required by the Provisions of the ASME Code Section XI

1. Owner V	Visconsin Public Service Corp	<u>ooration</u>			Date 9	<u>/5/2001</u>	
7	00 North Adams P.O.Box 19	001 Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
-					Unit <u>No</u>	_1	
	Kewaunee Nuclear Power Pla				Work Orde	r <u>01-014609</u>	
<u>N</u>	1490 HWY 42 Kewaunee, WI	54216-9511					
3. Work Per	formed By Nuclear Manag	ement Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street	, Hudson, Wisconsin 540	<u>016</u>		Authorizati	on No. <u>NA</u>	
4. Identificat	tion of System <u>35</u> Class	2 CHEMICAL AND	VOLUME CONTRO	<u> </u>	Expiration	Date <u>NA</u>	
5. (a) Applic	able Construction Code NA				Code Case	• <u>NA</u>	
		n I C. Daniela au Bank	4000				
(b) Applic	able Edition of Section XI Uti	lized for Repairs or Repi	acements 1989				
6. Identificat	tion of Components Repaired	or Replaced and Replaced	cement Component	s			
						Panairad	ASME
				041	V	Repaired,	
Name of	Name of	Manufacturer	National	Other	Year	Replaced, or	Code
Name of Component		Manufacturer Serial No.	National Board No.	ID	Year Built	Replaced, or Replacement	Code Stamped
Component	t Manufacturer AJAX IRON WORKS	Serial No. 6577	Board No.	ID 00077	Built 1967	Replacement REPAIRED	Stamped N
Component	Manufacturer AJAX IRON WORKS	Serial No.	Board No.	ID 00077	Built 1967	Replacement REPAIRED	Stamped N
APCH-1C	Manufacturer AJAX IRON WORKS	Serial No. 6577	Board No.	ID 00077	Built 1967	Replacement REPAIRED	Stamped N
APCH-1C	Manufacturer AJAX IRON WORKS	Serial No. 6577	Board No.	ID 00077	Built 1967	Replacement REPAIRED P 1C (SUCTION VA	Stamped N
APCH-1C	Manufacturer AJAX IRON WORKS on of Work REPAIR CLASS	Serial No. 6577 S 2 CHEMICAL AND VO	Board No. NA PLUME CONTROL S	ID 00077	Built 1967 RGING PUM	Replacement REPAIRED	Stamped N LVE REPAIR).
APCH-1C 7. Description	AJAX IRON WORKS on of Work REPAIR CLASS aducted Hydrostal	Serial No. 6577 S 2 CHEMICAL AND VO	Board No. NA DLUME CONTROL S atic No.	O0077 SYSTEM CHA	Built 1967 RGING PUM ng Pressure	Replacement REPAIRED P 1C (SUCTION VA	Stamped N LVE REPAIR).
APCH-1C 7. Description	Manufacturer AJAX IRON WORKS on of Work REPAIR CLASS	Serial No. 6577 S 2 CHEMICAL AND VO	Board No. NA DLUME CONTROL S atic No.	O0077 SYSTEM CHA	Built 1967 RGING PUM ng Pressure	REPAIRED P 1C (SUCTION VA	Stamped N LVE REPAIR).
APCH-1C 7. Description	AJAX IRON WORKS on of Work REPAIR CLASS aducted Hydrostal	Serial No. 6577 S 2 CHEMICAL AND VO	Board No. NA DLUME CONTROL S atic No.	O0077 SYSTEM CHA	Built 1967 RGING PUM ng Pressure	REPAIRED P 1C (SUCTION VA	Stamped N LVE REPAIR).

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.

Expiration Date NA

Signed Phellip C. Bukes Inserved Inspection Programowner Date Junuary 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 1-3/-02, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, an

National Board, State, Province, and Endorsements

Date February / 20 02