

Kewaunee Nuclear Power Plant

Operated by Nuclear Management Company, LLC

NRC-03-082 10CFR50.55a

August 6, 2003

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

KEWAUNEE NUCLEAR POWER PLANT DOCKET 50-305 LICENSE No. DPR-43 2003 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 Department of Commerce, Subchapter V: Chapter Comm. 41.55(3), various ISI examinations were performed as part of the 2003 Refueling Outage. The outage took place from April 5, 2003 through May 11, 2003; 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 2003 refueling outage constituted the second inspection year of the third period of the third interval for the piping/vessel and component support program. The 2003 refueling outage was also the second inspection year of the second period of the first interval for the metal containment program. Examinations for the piping/vessel and component support program were performed in accordance with the ASME Boiler and Pressure Vessel Code Section XI 1989 Edition. Examinations for the metal containment program were performed in accordance with the 1992 Edition up to and including the 1992 Addenda of Section XI of the ASME Boiler and Pressure Vessel Code. These requirements were implemented in accordance with the "Kewaunee Nuclear Power Plant Third Ten-Year Inservice Inspection (ISI) Program 1994-2004," "Kewaunee Nuclear Power Plant First 10-Year Inservice Inspection Class MC (ISI) Program 1996-2006," Plant Technical Specifications, and nondestructive examination procedures.

A047

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

- 1. Reactor Vessel Control Rod Drive Mechanisms and 3/4" Head Vent Line
- 2. Regenerative Heat Exchanger Tubesheet to Shell Weld
- 3. Reactor Coolant Pump Main Flange Bolting, Flange Surfaces, and No. 1 Seal Housing Bolting
- 4. Reactor Coolant Pump External Casing Weld and Casing Internal Surfaces
- 5. Reactor Coolant Pump Flywheel
- 6. Class 1 and Class 2 Piping Welds
- 7. Class 1, Class 2, Class 3 Piping and Component Supports and Hangers
- 8. Class 1 and Class 2 Reactor Vessel Conoseal Bolting, Steam Generator Primary Side Manway Bolting, Pressurizer Manway Bolting, Flange Bolting, and Valve Bonnet Bolting
- 9. Preservice Examination of Class 1 Reactor Coolant Pump Main Flange Bolt
- 10. Preservice Examination of Class 1 Piping Welds
- 11. Preservice Examination of Class 1 Valve Bonnet Bolting
- 12. Preservice Examination of Component Cooling Water Heat Exchangers 1A and 1B Supports
- 13. Accumulator Tanks 1A and 1B 2", 1," and 3/4" Coupling Base Metal
- 14. Class 1 System Leakage Test
- 15. Class 2 and Class 3 System Inservice and Functional System Pressure Tests

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

- 1. Accessible Surface Areas
- 2. Circumferential Weld
- 3. Containment Penetration Bellows
- 4. Airlocks
- 5. Seals and Gaskets

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

1. Eddy Current Testing of Steam Generators

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

- 1. Portions of the Service Water System were radiographed for wall loss, pits, nodules, and sand, mud or other sediments
- 2. Balance of plant piping subject to erosion/corrosion was examined by radiographic, ultrasonic, and visual techniques
- 3. Nuclear Regulatory Commission Order EA-03-009-Issuance of Order Establishing Interim Inspection Requirements For Reactor Pressure Vessel Heads at Pressurized Water Reactors

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Please find attached a copy of the following documentation that summarizes the inservice inspection activities and results for the Kewaunee Nuclear Power Plant 2003 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-2 Owner's Report for Repair or Replacements (61 Total) (Attachment 5)
- 6. Examination Summary for Scheduled and Augmented Inservice Inspection (ISI) Program (Attachment 6)
- 7. Examination Summary for Inservice Inspection (ISI) Class MC Program (Attachment 7)
- 8. Examination Summary for Steam Generator Eddy Current (Attachment 8)
- 9. Examination Summary for Nuclear Regulatory Commission Order EA-03-009 (Attachment 9)
- 10. A summary of examinations which were limited by geometric, metallurgical, or design/access restrictions and their associated data sheets (Attachment 10)

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 September 2004.

Thomas Coutu

Site Vice-President, Kewaunee Plant

PEB

Attachment

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

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

ATTACHMENT 1

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

То

Document Control Desk (NRC)

Summary of Recordable Indications and Description of Disposition

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TABLE 1

TYPE OR LOCATION OF RECORDABLE INDICATION (RI)	METHOD	NO. OF RI'S
Reactor Vessel Conoseal Bolting	Visual (VT-3)	2 Conoseals
Steam Generator Primary Manway Bolting	Visual (VT-1)	1 Stud
2" Piping Socket Weld	Surface (PT)	1 Weld
Component Supports and Hangers	Visual (VT-3)	12 Supports
Piping Flange Bolting	Visual (VT-3)	3 Flanges
Valve Bonnet Bolting	Visual (VT-3)	6 Valves
System Pressure Tests	Visual (VT-2)	16 Items

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 0.375" long linear indication (identified as a forging lap) on 2" socket weld RTD-W70S 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 reduced in size under work order 03-004115 by light filing with a small file, reexamined and accepted with a 0.100" linear acceptable ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3514-2 indication.
- Visual (VT-1, VT-2, and VT-3) indications recorded on reactor vessel conoseal bolting, steam generator primary side manway bolting, piping flange bolting, valve bonnet bolting, component and piping supports and hangers during system pressure tests were: (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.

ATTACHMENT 2

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

To

Document Control Desk (NRC)

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

Docket 50-305 NRC-03-082 August 6, 2003 Attachment 2, Page 1

The following summarizes the repairs and replacements performed following the 2001 Refueling Outage and during the 2003 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
½" Rupture Disc. RHR-32A-1	1	XK-100-18	Welding of Replacement Rupture Disc.

ATTACHMENT 3

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

To

Document Control Desk (NRC)

Form NIS-1 Owner's Report for Inservice Inspections of Class 1, Class 2, and 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		

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- 5. COMMERCIAL SERVICE DATE JUNE 16, 1974
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- 7. COMPONENTS INSPECTED -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
Residual Heat Exchanger AHRS1-1A	Joseph Oat and Sons	1817-1E	U11046	344
Residual Heat Exchanger AHRS2-1B	Joseph Oat and Sons	1817-1F	U11424	345
Charging Pump Pulsation Dampener APD-1A	Greer Hydraulics	GNI-1848		
Charging Pump Pulsation Dampener APD-1B	Greer Hydraulics	GNI-1846	•	
Charging Pump Pulsation Dampener APD-1C	Greer Hydraulics	GNI-1847		
Seal Water Heat Exchanger AHSW	Atlas	734	U11404	596
Volume Control Tank VCT	Joseph Oat and Sons	1787-1C	U11425	376
Regenerative Heat Exchanger ARG	Joseph Oat and Sons	1831-13	U11409 U11410 U11411	413 414 415

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- 7. COMPONENTS INSPECTED -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
Letdown Heat Exchanger AHLD	Atlas	1206	U11405	1031
Seal Water Injection Filter AFSI-1A	Commercial Filters	101072		1172
Seal Water Injection Filter AFSI-1B	Commercial Filters	101073		1173
Reactor Coolant Filter AFRC	AMF Cuno	121		2616
Seal Water Filter AFSW	AMF Cuno	123		2618
Class 2 Piping	Texas Pipe Bending			
Charging Pump APCH-1A	Ajax Iron Works	6578		
Charging Pump APCH-1B	Ajax Iron Works	6576		
Charging Pump APCH-1C	Ajax Iron Works	6577		
Charging Pump APCH-1A Suction Stabilizer	Greer Hydraulics	GH1-10234		568

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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		
Reactor Coolant Pump RCPC-1A Lube Oil Cooler	Perfex Corporation	723701-1		4014
Reactor Coolant Pump RCPC-1B Lube Oil Cooler	Perfex Corporation	723701-2		4015
Class 3 Piping	Texas Pipe Bending			
Containment Fan Cooler AHCF-1A	Joy Manufacturing and American Air Filter	GF14402		

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Containment Fan Cooler AHCF-1B	Joy Manufacturing and American Air Filter	GF14399		
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		

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

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Containment Spray Pump APCS-1B	Ingersoll Rand	0670-75		
Containment Spray Pump APCS-1A Gland Seal Cooler	Helliflow	49486938		
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	VTP27738		

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- 7. COMPONENTS INSPECTED -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
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		
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 Co.	S-26125	U39499	3269

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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER SERIAL NO.	STATE OR PROVINCE NO.	NATIONAL BOARD NO.
Component Cooling Heat Exchanger AHCC2-1B	Engineers and Fabricators	S-26126	U39500	3270
Component Cooling Surge Tank ATCS	Sharpsville Steel	714	U11421	714
Control Room Air Conditioning Unit 1A Coil	Trane Company	K1H202002		
Control Room Air Conditioning Unit 1B Coil	Trane Company	K1H202003		
Control Room Air Conditioning Expansion Tank 1A	ITT Bell and Gossett			•
Control Room Air Conditioning Expansion Tank 1B	ITT Bell and Gossett	116013		

FORM NIS-1 (Back)

8.	Examination Dates: May 8, 2002	to May 11, 2003
9.	Inspection Period Identification:	3rd
10.	Inspection Interval Identification:	3rd
11.	Applicable Edition of Section XI:	1989 Addenda: None
12.	Date/Revision of Inspection Plan:	November 27, 2000/Revision 2
13.		Include a list of examinations and tests and a statement 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. Utilization of ASME Boiler and Pr N-460, N-481, N-491, N-498 and N	essure vessel Code Section XI: Code Cases: N-416-1, N-416-2,
the l conf	Inspection Plan as required by the Asorm to the rules of the ASME Code ificate of Authorization No. (If applic	able): NA Expiration Date: NA
Date	:: <u>May 73</u> 20 <u>03</u> :	Signed: Wisconsin Public Service By: Kaffager Owner
	CERTIFIC	CATE OF INSERVICE INSPECTION
State HA perfo	or Province of <u>Wisconsin</u> ARTFORD CT. have in 14y 8 2602 to May 11, 2003	and employed by Hartford Steam Boiler CT of spected the components described in this Owner's Report during the period , and state that to the best of my knowledge and belief, the Owner has tive measures described in this Owner's Report in accordance with the e, Section XI.
exam emple with	sinations, tests, and corrective measures descr oyer shall be liable in any manner for any per this inspection.	r his employer makes any warranty, expressed or implied, concerning the ibed in this Owner's Report. Furthermore, neither the Inspector nor his sonal injury or property damage or a loss of any kind arising from or connected
	Inspector's Signature 20 03	Commissions NB 7741 Wis 10024 I, W, IS, A National Board, State, Province, and Endorsements

ATTACHMENT 4

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

То

Document Control Desk (NRC)

Form NIS-1 Owner's Report for Inservice Inspections for Class MC 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
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- 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: April 5, 2003	to May 11, 2003
9.	Inspection Period Identification:	2nd
10.	Inspection Interval Identification:	1st
11.	Applicable Edition of Section XI:	1992 Addenda: 1992
12.	Date/Revision of Inspection Plan:	September 25, 2000/Revision 1
13.		Include a list of examinations and tests and a statement 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
the I conf Certi	Inspection Plan as required by the Aorm to the rules of the ASME Code ificate of Authorization No. (If application is applied to the Aore	in this report are correct, b) the examinations and tests meet ASME Code, Section XI, and c) corrective measures taken e, Section XI. Expiration Date: WA Signed: Wisconsin Public Service By: Owner Owner
State H A perfor Insper	undersigned, holding a valid commission issor Province of Wisconsin have in Province of Wisconsin have in Province of May 11, 2003 rmed examinations and tests and taken correction Plan and as required by the ASME Coordinate of the Inspector not provided the Inspec	or his employer makes any warranty, expressed or implied, concerning the
emplo with t	oyer shall be liable in any manner for any per this inspection. Motivum Inspector's Agnature	Commissions National Board, State, Province, and Endorsements
Date:	May 23 20 <u>03</u>	_

ATTACHMENT 5

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

То

Document Control Desk (NRC)

Form NIS-2 Owner's Report for Repair or Replacement (61 Total)

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation	D	ate <u>3/6</u>	<u>/2003</u>	
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001	s	heet <u>1</u> (of <u>2</u>	
A. Bland and Market Davids District	U	nit <u>No.</u> 1	1	
2. Plant Kewaunee Nuclear Power Plant			<u>-</u>	
N490 HWY 42 Kewaunee, WI 54216-9511	VV	ork Order	<u>01-011101</u>	
Work Performed By Nuclear Management Company, LLC	Ty	ype Code S	Sym. Stamp <u>NA</u>	
700 First Street, Hudson, Wisconsin 54016	A	uthorization	ı No. NA	
				
4. Identification of System 02 Class 3 SERVICE WATER	E	xpiration D	ate <u>NA</u>	
5. (a) Applicable Construction Code B16.34	C	ode Case	N-416-1	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989				
6. Identification of Components Repaired or Replaced and Replacement Components				
d. Identification of Components Nepalied of Neplaced and Neplacement Components				
			Repaired,	ASME
	Other	Year	Replaced, or	Code
Component Manufacturer Serial No. Board No.	ID	Built	Replacement	Stamped
SW-1041A-2 CONBRACO INDUSTRIES NA NA S INC.	SW134-217	2002	REPLACEMENT	N
7. Description of Work INSTALL NEW CLASS 3 AIR CONDITIONING COOLING WATE	ER SYSTEM	2 1/2" VAI	LVE SW-1041A-2,	2 - 2 1/2"
FLANGES AND 2 -2 1/2" BUTT WELDS.				
FLANGES AND 2 -2 1/2" BUTT WELDS.				
FLANGES AND 2 -2 1/2" BUTT WELDS.				
	Operating Pr	essure	X Exem	pt
8. Tests conducted Hydrostatic Pneumatic Nominal	,		ll	pt
	Operating Pr		X Exem	pt
8. Tests conducted Hydrostatic Pneumatic Nominal	,		ll	opt

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 3/6/2003

Name of Component: <u>SW-1041A-2</u> Work Order Number: <u>01-011101</u>

Certificate of Com	pliance	
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 Replacemen	t
Type Code Symbol Stamp <u>NA</u>		
Certificate of Authorization No. <u>NA</u> Expiration Do	ate <u>NA</u>	
Signed Phillip C. Bukes Inservee Inspection Progret Owner or Owner's Designee, Title	<u>sm Own</u> ur Date _,	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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-/-02 to 6-6-03, and state that to the best of my 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.

from or connected with this inspection.			
Roya Matyuri	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6-10 ,20 03	<u> </u>		

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

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin P	ublic Service Corpor	ation			Date <u>5/1</u>	3/2003	
	700 North Ad	lams P.O.Box 1900	I Green Bay, WI 5430	07-9001		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee N	uclear Power Plant				Unit <u>No</u>	<u>. 1</u>	
2. 1 lain		2 Kewaunee, WI 54	<u>216-9511</u>			Work Orde	r <u>01-016562</u>	
2 1Mort E	Performed By	Nuclear Managem	ent Company II C			Type Code	Sym. Stamp NA	
S. WOIK	enonned by		udson, Wisconsin 540	116			· · ·	
		700 1 HSt Oliget, 11	443001311 040	<u>510</u>		Authorizati	on No. <u>NA</u>	
4. Identific	ication of Syste	m <u>34</u> Class <u>2</u>	RESIDUAL HEA	T REMOVAL		Expiration	Date <u>NA</u>	
5. (a) App	plicable Constr	uction Code B31.1-	<u>1967</u>		•	Code Case	NA	
			46.5.					
(b) App	plicable Edition	of Section XI Utilize	d for Repairs or Repla	acements 1989				
Name o	of Nam	ne of facturer	Replaced and Replace Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-F3	NF		NA	NA	NA	1967	REPAIRED	N
7. Descrip	ption of Work	REPAIR LEAK ON	CLASS 2 RESIDUAL	_ HEAT REMOVAL	SYSTEM 10"	SUCTION FL	.ANGE RHR-F3.	
8. Tests o	conducted	Hydrostatic Other	Pneuma Pressure	لـــا	minal Operatin Test		X Exer	mpt

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: <u>5/13/2003</u>

Name of Component: <u>RHR-F3</u>
Work Order Number: <u>01-016562</u>

Certificate of Com	pliance
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No. <u>NA</u> Expiration Di	ate <u>NA</u>
Signed Phillip C. Bukes Inserved Inspection Program Owner or Owner's Designee, Title	Owner Date June 4 ,20 03
Certificate of INSERVIC	E INSPECTION
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 Stea	am Boiler Inspection and Ins. Co. of Hartford, CT
have inspected the components described in the Owner's Report durin	ig the period $2-1-02$ to $6-6-03$, and state that
to the best of my knowledge and belief, the Owner has performed example to the best of my knowledge and belief, the Owner has performed example.	minations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASM	ME Code, Section XI.
By signing this certificate neither the Inspector nor his employer $\boldsymbol{\pi}$	nakes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's R	leport. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for any personal injury or pr	operty damage or a loss of any kind arising
from or connected with this inspection.	
Rose Motorie Commissions	s NB7741, I, N, IS, A WIS 100024
Inspector's Signature	National Board, State, Province, and Endorsements
Date 6 - 10 ,20 Q3	

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

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service	- Corporation			Date 4/	<u>25/2003</u>	
	700 North Adams P.O.B	ox 19001 Green Bay, WI 543	<u>07-9001</u>		Sheet 1	of <u>2</u>	
0.504	Kawainaa Nijalaar Baw	or Diant			Unit No	o <u>. 1</u>	
2. Plant	Kewaunee Nuclear Powe N490 HWY 42 Kewaune				_	er <u>01-022099</u>	
	N490 HWY 42 Newaune	3, WI 54210-9511			WOIK OIG	91 01-022099	
3. Work F	Performed By <u>Nuclear M</u>	anagement Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	700 First S	Street, Hudson, Wisconsin 54	<u>016</u>		Authorizat	ion No. NA	
						_	
4. Identific	cation of System 34	Class 2 RESIDUAL HEA	TREMOVAL		Expiration	Date <u>NA</u>	
5. (a) App	olicable Construction Code	B31.1-1967			Code Case	e <u>NA</u>	
							
(b) App	olicable Edition of Section	XI Utilized for Repairs or Repl	acements 1989				
Name o	of Name of	eaired or Replaced and Repla Manufacturer Serial No.	National Board No.	Other	Year	Repaired, Replaced, or	ASME Code
Compone	ent Manufacturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
FE- 626	VICKERY-SIMMS INC.	NF	NA	27020	1970	REPAIRED	N
·		oue TO LEAKAGE CLASS 2 rostatic Pneuma	atic Nor	REMOVAL SYS minal Operatin Test 1	g Pressure	ANGE FE-626. X Exe	mpt
9. Remark	ks NOT APPLICABLE.						

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 4/25/2003

Name of Component: <u>FE-626</u>
Work Order Number: <u>01-022099</u>

Certificate of Com	pliance	
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 Replace	ement
Type Code Symbol Stamp NA		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Phillip C. Bukes Insurved Inspection Program De Owner or Owner's Designee, Title	umer_ Da	ate June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-23, and state that to the best of my 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.

	connected with this inspection.				
	Roger Motivini.		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date_	6-10	,20 <i>03</i>	_		

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wis	sconsin Public Service Corpo	oration			Date <u>5/1</u>	3/2003	
<u>700</u>	North Adams P.O.Box 190	01 Green Bay, WI 5430	<u> </u>		Sheet <u>1</u>	of <u>2</u>	
2. Plant Kev	waunee Nuclear Power Plan	t			Unit <u>No.</u>	<u>1</u>	
	90 HWY 42 Kewaunee, WI 5	-		,	Work Orde	r <u>02-003489</u>	
							
3. Work Perfor	med By <u>Nuclear Manager</u>	ment Company, LLC		·	Type Code	Sym. Stamp NA	
	700 First Street,	Hudson, Wisconsin 540	016		Authorizatio	on No. <u>NA</u>	
4. Identification	n of System 34 Class	2 RESIDUAL HEAT	T REMOVAL	l	Expiration (Date <u>NA</u>	
5. (a) Applicab	ole Construction Code B31.	I-1967		(Code Case	NA	
Orb Arreltonia	la Edition of Continue VI Harris	and for Donains on Donal	1000				
(b) Applicab	le Edition of Section XI Utiliz	zed for Hepairs or Hepia	acements 1989				
6. Identification	n of Components Repaired o	or Replaced 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
						Replaced, or	Code
Component	Manufacturer CRANE COMPANY of Work REPAIR BONNE	Serial No. NF T TO BODY LEAK ON	Board No. NA CLASS 2 RESIDUA	ID AC034-002	Built 1972 VAL SYST	Replaced, or Replacement REPAIRED	Code Stamped N

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>RHR-3B</u>
Work Order Number: <u>02-003489</u>

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 <u>NA</u>		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Philip C. Bukes Inserved Inspetien Program Owner or Owner's Designee, Title	Date _	June 4 ,20 Q3

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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.

his emplo	yer shall be liable in any man	ner for any pers	onal injury or prop	perty damage or a loss	of any kind arising
from or co	onnected with this inspection.				
K	gan Motion .		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	, Province, and Endorsements
Date	6-10	00 03			

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

As Required by the Provisions of the ASME Code Section XI

1. Owner <u>Wisconsin Public Service Cor</u>	poration			Date <u>9/7</u>	24/2002	
700 North Adams P.O.Box 19	001 Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant Kewaunee Nuclear Power Pla	<u>int</u>			Unit <u>No</u>	<u>. 1</u>	
N490 HWY 42 Kewaunee, WI	<u>54216-9511</u>			Work Orde	r <u>02-004201</u>	
Work Performed By <u>Nuclear Manage</u>	ement Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
700 First Stree	, Hudson, Wisconsin 540	<u>)16</u>		Authorizati	on No. NA	
4. Identification of System 35 Class	2 CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) Applicable Construction Code SE	C. VIII DIV.I-1975			Code Case	NA	
(b) Applicable Edition of Section XI Ut	lized for Repairs or Repla	acements 1989				
Name of Name of Component Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APD-1C GREER HYDRAULICS	GHI-1849	NA	07002	1975	REPLACEMENT	Y

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 9/24/2002

Name of Component: <u>APD-1C</u>
Work Order Number: <u>02-004201</u>

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT confi Repair or Replacement	orms to the rules of the
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration D	ate NA	
Signed Philip C. B. Red Incervee Ingreton Program Owner or Owner's Designee, Title		Ч ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-05, and state that to the best of my 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.

_					
from or co	nnected with this inspection.				
K	ger Mitymin .		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6 -10	20 03			

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

As Required by the Provisions of the ASME Code Section XI

1. Owner <u>W</u>	Visconsin Public Service Corp	oration			Date <u>9/2</u>	4/2002	
<u>70</u>	00 North Adams P.O.Box 190	001 Green Bay, WI 5430	<u>)7-9001</u>		Sheet 1	of <u>2</u>	
2. Plant K	ewaunee Nuclear Power Plar	nt			Unit <u>No.</u>	1	
_	490 HWY 42 Kewaunee, Wi	-			Work Order	02-004262	
_							
3. Work Perf	formed By <u>Nuclear Manage</u>	ment Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street,	Hudson, Wisconsin 540	<u>)16</u>		Authorization	n No. <u>NA</u>	
4. Identificati	ion of System 35 Class	2 CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration D	Date <u>NA</u>	
5. (a) Applica	able Construction Code SEC	. VIII DIV.I-1975	•		Code Case	<u>NA</u>	
(h) Amalia	able Edition of Coeties VI Hill	izad for Banaira ar Banl	4000				
(b) Applica	able Edition of Section XI Utili	ized for Repairs of Repli	acements 1909				
6. Identificati	ion of Components Repaired	or Replaced and Replac	cement Component	ts			
						·	
Name of	Name of	Manufacturer	National	Other	Year	Repaired,	ASME
Component		Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
						•	
Component	Manufacturer GREER HYDRAULICS	Serial No. GHI-1848 PENER SPRING ON CI	Board No.	1 D 07000	Built 1975	Replacement REPLACEMENT	Stamped Y
APD-1A	GREER HYDRAULICS on of Work REPLACE DAM PULSATION DA	Serial No. GHI-1848 PENER SPRING ON CIMPENER.	Board No. NA ASS 2 CHEMICAL	1 D 07000	Built 1975 ME CONTROL	Replacement REPLACEMENT	Y NG PUMP 1A
APD-1A 7. Descriptio	GREER HYDRAULICS on of Work REPLACE DAM PULSATION DA	Serial No. GHI-1848 PENER SPRING ON CIMPENER.	Board No. NA ASS 2 CHEMICAL tic No.	07000 AND VOLUM	Built 1975 ME CONTROL og Pressure	Replacement REPLACEMENT SYSTEM CHARGI	Y NG PUMP 1A

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 9/24/2002

Name of Component: APD-1A Work Order Number: 02-004262

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT Repair or Replacement	conforms to the rules of the
Type Code Symbol Stamp NA		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Phillip C. Bukar Inservee Inspection Program 0 Owner or Owner's Designee, Title	iwnw Date	June 4 ,20 <u>03</u>

Certificate of INSERVICE INSPECTION

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 $\frac{2-1-02}{2}$ to $\frac{6-6-03}{2}$, 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.

Rom Mitmen	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6 - 10 ,20 <u>0 3</u>			

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin	Public Service Corporati	i <u>on</u>			Date <u>8/2</u>	1/2002	
700 North	Adams P.O.Box 19001 (Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant Kewaunee	Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
	42 Kewaunee, WI 542	16-9511			Work Order	02-004263	
3. Work Performed By	/ Nuclear Managemer	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
	700 First Street, Huc	Ison, Wisconsin 540	<u>16</u>		Authorizatio	n No. NA	
4. Identification of Sys	stem <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTRO	<u>OL</u>	Expiration D	Date <u>NA</u>	
5. (a) Applicable Cons	struction Code SEC. VII	I DIV.I-1975			Code Case	<u>NA</u>	
(b) Applicable Edition	on of Section XI Utilized	for Repairs or Repla	cements 1989				
0.14	Danaia da D			_			
6. Identification of Cor	mponents Repaired or R	eplaced and Replace	ement Component	s			
							
	ame of aufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component Man APD-1B GRE	ufacturer			*		Replaced, or	Code
Component Man APD-1B GRE	eufacturer EER ORAULICS	Serial No. GHI-1846 ER SPRING ON CL	Board No.	ID 07001	B uilt 1975	Replaced, or Replacement REPLACEMENT	Code Stamped
Component Man APD-1B GRE HYD	EER ORAULICS REPLACE DAMPEN	Serial No. GHI-1846 ER SPRING ON CL	Board No. NA ASS 2 CHEMICAL	ID 07001	Built 1975 E CONTROL :	Replaced, or Replacement REPLACEMENT	Code Stamped Y
APD-1B GRE HYD 7. Description of Work	EER DRAULICS REPLACE DAMPEN PULSATION DAMPE	Serial No. GHI-1846 ER SPRING ON CLA	Board No. NA ASS 2 CHEMICAL iic Non	07001 AND VOLUM	Built 1975 E CONTROL :	Replaced, or Replacement REPLACEMENT	Code Stamped Y

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 8/21/2002

Name of Component: APD-1B Work Order Number: 02-004263

Certificate of Compliance
We Certify that the statements made in the report are correct and this ASME Code Section XI. REPLACEMENT conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Phillip C. Bukes Insuries Inspection Program Owner Date June 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 2-1-02 to 6-6-03, and state that
to the best of my 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.
Logu Motions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date 6-10 ,20 0 3

,20 *0* **3**

As Required by the Provisions of the ASME Code Section XI

1. Owner \	Wisconsin Public Service Corpor	ation .			Date <u>5/1</u>	3/2003	
Ī	700 North Adams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet <u>1</u>	of <u>2</u>	
2. Plant	Kewaunee Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
	N490 HWY 42 Kewaunee, WI 54	216-9511			Work Orde	r <u>02-007269</u>	
-	V-00 TWY -42 Nondamoo, WY 04	<u> </u>					
3. Work Per	rformed By <u>Nuclear Management</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hu	udson, Wisconsin 540	<u>)16</u>		Authorization	on No. <u>NA</u>	
4. Identifica	tion of System 23 Class 2	CONTAINMENT	SPRAY		Expiration (Date <u>NA</u>	
5. (a) Applic	cable Construction Code B16.5-	1967			Code Case	<u>NA</u>	
		1 f D ' B t-	4000				
(b) Applic	cable Edition of Section XI Utilize	d for Hepairs or Hepia	acements 1989				
Name of	tion of Components Repaired or	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Componen		Serial No.	Board No.	ID	Built	Replacement	Stamped
CI-1003	WILLIAM POWELL CO.	NF	NA	IC\$022-001	1968	REPAIRED	N
7. Description		CTION CLASS 2 INT Pneuma Pressure	tic Norr	MENT SPRAY S ninal Operating I	Pressure	VALVE CI-1003. X Exer	npt 🔲

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>CI-1003</u> Work Order Number: <u>02-007269</u>

Certificate of Com	pliance	
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 Replacemen	<u> </u>
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration Da	ate <u>NA</u>	
Signed Phillip C. Bukes Inserves Impection Program 6 Owner or Owner's Designee, Title	Date	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-03, and state that to the best of my 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.

from or connected with this inspection.			
Roya Trofoun-	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6-10 ,20 03	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Servic	e Corporation				Date <u>5/9</u>	9/2003	
	700 North Adams P.O.B	lox 19001 Gree	en Bay, WI 54307	<u>-9001</u>		Sheet <u>1</u>	of <u>2</u>	
		. 51				Unit No.	1	
•	Kewaunee Nuclear Pow		E11			-		
	N490 HWY 42 Kewaune	30, VVI 34210-3	311			Work Order	02-007295	
3. Work Pe	erformed By Nuclear M	fanagement Co	ompany, LLC			Type Code	Sym. Stamp <u>NA</u>	
	700 First :	Street, Hudson	, Wisconsin 5401	<u>6</u>		Authorizatio	n No. NA	
4. Identifica	ation of System 36	Class 1 R	EACTOR COOLA	<u>INT</u>		Expiration D		
5. (a) Appl	icable Construction Code	e ASME III-196	68		,	Code Case	<u>NA</u>	
(b) Appli	icable Edition of Section	XI Utilized for I	Repairs or Replac	ements 1989				
• • • • • • • • • • • • • • • • • • • •								
6. Identifica	ation of Components Rep	paired or Repla	aced and Replace	ment Components				
Name of Componer			anufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
				***************************************	+		Replaced, or	Code
Componer PR-3B	CROSBY, ASHTO COMPANY tion of Work REMOVE	ON GAGE CLASS 1 REA	Serial No.	NA T SYSTEM 6" VAL	ID RC008-002	Built 1972 R SETPOIN	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: 5/9/2003

Name of Component: PR-3B
Work Order Number: 92-007295

Contilliants of Com-	-1:	
Certificate of Com	pliance	
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 D Signed Phellip C. Bukes/Instruce Inspection Program Owner or Owner's Designee, Title		June 4 ,20 <u>03</u>

Certificate of INSERVICE INSPECTION

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 1-02 to 6-6-03, and state that to the best of my 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.

his employer shall be liable in any manner for any person	nal injury or prop	perty damage or a loss	of any kind arising
from or connected with this inspection.			
Rom Mynum.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6 - 10 ,20 <u>03</u>	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	ublic Service Corpora	<u>ition</u>			Date <u>5/2</u>	20/2003	
	700 North Ad	ams P.O.Box 19001	Green Bay, WI 5430	<u> 77-9001</u>		Sheet <u>1</u>	of <u>2</u>	
G. Diant	Varrarman Al	ialaar Bawar Blant				Unit <u>No</u>	. <u>1</u>	
2. Plant		uclear Power Plant 2 Kewaunee, WI 542	216-9511				er <u>02-007418</u>	
	11430 1111 1 4	Z Newadnee, VVI 342	.10 0071					
3. Work P	Performed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizati	on No. <u>NA</u>	
4. Identific	cation of Syste	m <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTRO	<u>DL</u>	Expiration	Date <u>NA</u>	
5. (a) App	olicable Constr	uction Code B31.1-1	<u>967</u>			Code Case	NA	
			for Repairs or Replaced and Replaced		·	·	Repaired,	ASME
Name o		e of acturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Replaced, or Replacement	Code Stamped
CVC-10	KERO CORP	TEST MFG	NV-143	NA	CS100-005	1973	REPAIRED	N
7. Descrip 8. Tests c	otion of Work	OPEN FOR INSPEC	CTION CLASS 2 CH Pneuma Pressure	tic Nom	JME CONTROL ninal Operating I Test Tel	Pressure	2" VALVE CVC-10 X Exer	
9. Remari	I NOT ARR	LICABLE.						

Sheet 2 of 2

Date: 5/20/2003

Name of Component: CVC-10

Work Order Number: 02-007418

Certificate of Com	pliance	
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 Repla	acement
Type Code Symbol Stamp NA		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Phillip C. Butter Inspection Programmes Owner or Owner's Designee, Title	m Awner	Date June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-03, and state that to the best of my 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.

This complete strain be hable in any mariner for any period	man mjany or proj	sorry damage or a look	o or arry rand arrowing
from or connected with this inspection.			
Roger Mynn.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6-10 ,20 0.3	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corp	oration			Date <u>5/</u>	13/2003	
	700 North Adams P.O.Box 190	01 Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
					Unit <u>No</u>		
2. Plant	Kewaunee Nuclear Power Plan	=					
	N490 HWY 42 Kewaunee, WI S	54216-9511			Work Orde	er <u>02-007419</u>	
3. Work F	Performed By <u>Nuclear Manage</u>	ment Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street,	Hudson, Wisconsin 540	<u>)16</u>		Authorizati	ion No. <u>NA</u>	
4. Identifi	cation of System 35 Class	1 CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) App	olicable Construction Code B31.	1-1967			Code Case	e <u>NA</u>	
(h) Ann	slicable Edition of Castion VI Hilli	rad for Banaira or Bani	acomonto 1000				
(p) Apt	olicable Edition of Section XI Utiliz	red for nepairs of nepi	acements 1909				
Name o	cation of Components Repaired of	Manufacturer	National	Other		Repaired, Replaced, or	ASME Code
Compone		Serial No.	Board No.	ID	Built	Replacement	Stamped
CVC-205		NU321	NA NA	CS100-001			
	MANUFACTURING		INA	CS100-001	1973	REPAIRED	N
7. Descrip 8. Tests o	conducted Hydrostatic	PECTION CLASS 1 CH Prieuma Pressure	EMICAL AND VOL	_	. SYSTEM Pressure		5 <u>B.</u>

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>CVC-205B</u>

Work Order Number: <u>02-007419</u>

Certificate of Com	pliance	
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 Replaceme	ent
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration De	ate <u>NA</u>	
Signed Phillip C. Bulton Insurver Inspection Programs Owner or Owner's Designee, Title	<u>Oumin</u> Date	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-03, and state that to the best of my 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.

from or connected with this inspection.			
Rom Trustium.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6-/0	03		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service	<u>Corporation</u>			Date <u>5/</u>	13/2003	
	700 North Adams P.O.Box	19001 Green Bay, WI 543	07-9001		Sheet 1	<u>1</u> of <u>2</u>	
O. Diant	Various as Nuclear Bours	Plant			Unit No	<u>o. 1</u>	
	Kewaunee Nuclear Power N490 HWY 42 Kewaunee,					er <u>02-007420</u>	
	14490 HVV 1 42 Newaunee,	<u> </u>			WOIK OIG	ei <u>or oor 420</u>	
3. Work Pe	erformed By Nuclear Mar	nagement Company, LLC			Type Cod	e Sym. Stamp <u>NA</u>	
	700 First St	reet, Hudson, Wisconsin 54	016		Authorizat	tion No. NA	
4. Identifica	ation of System 35 C	ass 1 CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) Appl	icable Construction Code	<u>B31.1-1967</u>	•		Code Cas	e <u>NA</u>	
(b) Appl	icable Edition of Section XI	Utilized for Repairs or Repl	lacements 1989				
(-/ / (, ,					
6. Identifica	ation of Components Repa	ired or Replaced and Repla	cement Component	ts			
Name of		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-206/	A KEROTEST MANUFACTURING	NF	NA	CS100-004	1973	REPAIRED	N
7. Descript 8. Tests co			atic Nor	UME CONTROL minal Operating Test Te	Pressure		6A.
9. Remarks	s <u>NOT APPLICABLE.</u>						

Sheet 2 of 2

Date: 5/13/2003

Name of Component: CVC-206A Work Order Number: 02-007420

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 reserve I magnetism Program Owner Date June 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 $\frac{2-1-\nu 2}{2}$ to $\frac{6-6-03}{2}$, 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.

Inspector's Signature

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

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

Date 6-10-03 ,20 03

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	blic Service Corpora	<u>ition</u>			Date <u>5/</u>	13/2003	
	700 North Ada	ms P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
0.514	Manual and Alice	alaan Dawan Dlamb				Unit No	. 1	
2. Plant		clear Power Plant Kewaunee, WI 542	016.0511				er <u>02-007421</u>	
	1449U HVV 1 42	Rewaunee, WI 54	<u> </u>			WOIK OIGE	02-00/421	
3. Work F	Performed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
		700 First Street, Hu	dson, Wisconsin 540	<u>116</u>		Authorizati	on No. NA	
4. Identific	cation of Syster	n <u>35</u> Class <u>1</u>	CHEMICAL AND	VOLUME CONTRO	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) App	olicable Constru	ction Code B31.1-1	<u>967</u>			Code Case	NA	
							_	
(b) App	olicable Edition of	of Section XI Utilized	for Repairs or Repla	cements 1989				
Name o	of Name	of	Replaced and Replace Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-206		EST ACTURING	NU139	NA	CS100-003	1973	REPAIRED	N
7. Descrip 8. Tests c		OPEN FOR INSPE Hydrostatic Other	CTION CLASS 1 CHI Pneuma Pressure	tic Non	UME CONTROL ninal Operating Test Te	Pressure	2* VALVE CVC-200 X Exer	
9. Remark	ks NOT APPL	ICARLE						

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>CVC-206B</u> Work Order Number: <u>02-007421</u>

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. <u>NA</u> Expiration D	ate <u>NA</u>						
Signed Phillips C. Bulas Inserve Inspection Theorem Owner or Owner's Designee, Title	ານປົນມານໄປ Date _	June 4 ,20 03					

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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.

nis employe	r shall be liable in any manı	ner for any perso	nal injury or prop	perty damage or a loss	s of any kind arising
rom or conn	nected with this inspection.				
Kozo	~ My men		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6-10	,20 <u>0 3</u>	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corporation TOO North Adams P.O.Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2 2. Plant Kewaunee Nuclear Power Plant N490 HWY 42 Kewaunee, WI 54216-9511 Work Order 02-007509 3. Work Performed By Nuclear Management Company, LLC TOO First Street, Hudson, Wisconsin 54016 Authorization No. NA 4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA 5. (a) Applicable Construction Code SEC, III-1987 ADD. Code Case NA 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replaced, or Code Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N 7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt Other Pressure 2240 psi Test Temp. 543 deg. F					Date 5/	9/2003	
2. Plant Kewaunee Nuclear Power Plant N490 HWY 42 Kewaunee. WI 54216-9511 Work Order 02-007509 3. Work Performed By Nuclear Management Company. LLC T00 First Street, Hudson, Wisconsin 54016 Authorization No. NA 4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA 5. (a) Applicable Construction Code SEC, III-1987 ADD. Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replaced, or Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N 7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt Repaired, ASME Replaced, or Replacement Stamped		_	0004		_		
Name of Name of Components Repaired or Replaced and Replacement Components Name of Manufacturer Serial No. Board No. Board No. Discription of Work Replaced and Serial No. Serial No. Board No. Discription of Work Replaced Ansacturer Serial No. Board No. Discription of Work Replaced Ansacturer No. Description of Work Replaced LASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). Work Order 02-007509 Type Code Sym. Stamp NA Authorization No. NA Authorization No. NA Expiration Date NA Code Case NA Code Case NA Assumed Tyear Repaired, Replaced, or Replaced and Replacement Components Name of Name of Manufacturer Serial No. Board No. Discription of Replaced, or Replaced, or Replaced, or Replaced National Natio	700 North Adams P.O.Box 19001 G	_	ot <u>2</u>				
3. Work Performed By Nuclear Management Company, LLC 700 First Street, Hudson, Wisconsin 54016 4. Identification of System 36. Class 1. REACTOR COOLANT 5. (a) Applicable Construction Code SEC, III-1987 ADD. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Year Replaced, or Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N 7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt	2. Plant Kewaunee Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA 5. (a) Applicable Construction Code SEC, III-1987 ADD. Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replaced, or Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N 7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1).	N490 HWY 42 Kewaunee, WI 54216	<u>6-9511</u>			Work Order	<u>02-007509</u>	
4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA 5. (a) Applicable Construction Code SEC, III-1987 ADD. Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N 7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt Code Case NA Repaired, ASME Replaced, or Code Case NA ASME Replaced, or Code Case NA NAME OF COMPONENTS OF CODE NAME OF	3. Work Performed By Nuclear Management	Company, LLC			Type Code	Sym. Stamp NA	
5. (a) Applicable Construction Code SEC. III-1987 ADD. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Year Replaced, or Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N	700 First Street, Huds	son, Wisconsin 5401	<u>6</u>		Authorization	on No. <u>NA</u>	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N	4. Identification of System 36 Class 1	REACTOR COOLA	NT		Expiration [Date <u>NA</u>	
6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replacement Stamped	5. (a) Applicable Construction Code SEC. III-1	987 ADD.	·		Code Case	<u>NA</u>	
Name of Name of Manufacturer National Other Year Replaced, or Code Component Manufacturer Serial No. Board No. ID Built Replaced, or Replacement Stamped SG-1A- ANSALDO ENERGIA 0202 151 00035 2000 REPLACEMENT N The Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt	(b) Applicable Edition of Section XI Utilized for	or Repairs or Replac	ements <u>1989</u>				
Name of Name of Manufacturer Serial No. Board No. ID Built Replaced, or Code Serial No. Board No. ID Built Replacement Stamped SG-1A- ANSALDO ENERGIA MILANO 7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt	6. Identification of Components Repaired or Re	eplaced and Replacer	ment Component	s			
7. Description of Work REPLACE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A HOTLEG MANWAY STUD (1). 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt	THE THE THE THE THE TENT					Replaced, or	Code
8. Tests conducted Hydrostatic Pneumatic Nominal Operating Pressure X Exempt		0202	151	00035	2000	REPLACEMENT	N
9. Remarks NOT APPLICABLE.	7 Description of Work PEPI ACE CLASS 1 I	REACTOR COOLAN	T SYSTEM STEA	M GENERAT	OD 44 HOTI		D (1)

Sheet 2 of 2

Date: 5/9/2003

Name of Component: SG-1A-HLMWB

Work Order Number: 02-007509

Certificate of Compliance							
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT conforms to the rules of the Repair or Replacement						
Type Code Symbol Stamp <u>NA</u>							
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>						
Signed Philip C. Buked Inserved Inspection Regree Owner or Owner's Designee, Title	m Gumer Date June 4 ,20 03						

Certificate of INSERVICE INSPECTION

from or connected with this inspection.			
Roya Motioni	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6-10 ,20 0	·3		

As Required by the Provisions of the ASME Code Section XI

1. Owner W	isconsin Public Service Corpora	<u>ition</u>			Date <u>5</u>	/9/2003	
<u>70</u>	00 North Adams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant Ke	ewaunee Nuclear Power Plant				Unit <u>No</u>	<u>.1</u>	
	490 HWY 42 Kewaunee, WI 542	216-9511			Work Orde	r <u>02-007509</u>	
		-10			Type Code	Sym. Stamp NA	
3. Work Perfo	•		140		Type Code	Oym. Glamp INA	
	700 First Street, Hu	dson, Wisconsin 540	<u> </u>		Authorizati	on No. <u>NA</u>	
4. Identification	on of System 36 Class 1	REACTOR COOL	<u>ANT</u>		Expiration	Date <u>NA</u>	
5. (a) Applica	able Construction Code SEC.III-	1987 ADD.		·	Code Case	NA	
(h) Applica	able Edition of Section XI Utilized	f for Renairs or Renla	acements 1989				
(b) Applica	tole Edition of Dection At Chinzec	rior riepairs or riepic	20011161113 <u>1303</u>				
6. Identification	on of Components Repaired or I	Replaced and Replac	ement Componen	ts			
						Repaired.	ASME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Name of Component	***************************************	Manufacturer Serial No.	National Board No.	Other ID	Year Built	-	
	***************************************					Replaced, or	Code
Component SG-1A-	Manufacturer ANSALDO ENERGIA MILANO n of Work REPLACE CLASS	Serial No.	Board No.	ID 00035	Built 2000	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component SG-1A- CLMWB	Manufacturer ANSALDO ENERGIA MILANO	Serial No. 0202	Board No.	ID 00035	Built 2000	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component SG-1A- CLMWB	Manufacturer ANSALDO ENERGIA MILANO n of Work REPLACE CLASS 1 MANWAY NUT	Serial No. 0202	Board No. 151 NT SYSTEM STE/	ID 00035	Built 2000 OR 1A COLE	Replaced, or Replacement REPLACEMENT	Code Stamped N JDS (2) AND
Component SG-1A- CLMWB 7. Description	Manufacturer ANSALDO ENERGIA MILANO n of Work REPLACE CLASS 1 MANWAY NUT ducted Hydrostatic	Serial No. 0202 1 REACTOR COLLAI Pneuma	Board No. 151 NT SYSTEM STEA	ID 00035 AM GENERAT	Built 2000 OR 1A COLE	Replaced, or Replacement REPLACEMENT DLEG MANWAY STU X Exem	Code Stamped N JDS (2) AND
Component SG-1A- CLMWB 7. Description	Manufacturer ANSALDO ENERGIA MILANO n of Work REPLACE CLASS 1 MANWAY NUT.	Serial No. 0202 1 REACTOR COLLA	Board No. 151 NT SYSTEM STEA	ID 00035 AM GENERAT	Built 2000 OR 1A COLE	Replaced, or Replacement REPLACEMENT DLEG MANWAY STU	Code Stamped N JDS (2) AND
Component SG-1A- CLMWB 7. Description	Manufacturer ANSALDO ENERGIA MILANO n of Work REPLACE CLASS 1 MANWAY NUT ducted Hydrostatic	Serial No. 0202 1 REACTOR COLLAI Pneuma	Board No. 151 NT SYSTEM STEA	ID 00035 AM GENERAT	Built 2000 OR 1A COLE	Replaced, or Replacement REPLACEMENT DLEG MANWAY STU X Exem	Code Stamped N JDS (2) AND

Sheet 2 of 2

Date: 5/9/2003

Name of Component: SG-1A-CLMWB

Work Order Number: 02-007509

Certificate of Compliance We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Philips Authorization No. Inagestion Program Outher Date 1,20 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 $\frac{3-1-02}{4-1-02}$ to $\frac{3-1-02}{4-1-02}$, 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.

Rose	Intimi.		Commissions	NB7741, I, N, IS, A	WIS 100024
0	Inspector's Signature			National Board, State	Province, and Endorsements
Date	6-10	,20 0 3	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisco	onsin Public Service Corpor	ation			Date <u>5</u>	<u>/9/2003</u>	
<u>700 N</u>	North Adams P.O.Box 19001	Green Bay, WI 5430	<u>07-9001</u>		Sheet 1	of <u>2</u>	
2. Plant Kewa	aunee Nuclear Power Plant				Unit No.	1	
) HWY 42 Kewaunee, WI 54	<u> 216-9511</u>			Work Orde	r <u>02-007509</u>	
3. Work Perform	ned By Nuclear Managem	ent Company II C			Type Code	Sym. Stamp NA	
S. WOIK FEIIOIII	,	udson, Wisconsin 54	016			—	
	700 First Street, Th	udson, wisconsin sa	<u>010</u>		Authorizati	on No. <u>NA</u>	
4. Identification of	of System 36 Class 1	REACTOR COO	LANT		Expiration	Date <u>NA</u>	
5. (a) Applicable	e Construction Code SEC. II	<u>l-1987 ADD</u>			Code Case	NA	
(h) Applicable	Edition of Section XI Utilize	d for Bonoiro or Bool	lacamenta 1000				
(b) Applicable	e Edition of Section At Othize	d tot nepalls of nepi	acements 1909				
6. Identification	of Components Repaired or	Replaced and Replace	cement Component	ts			
							
Name of	Name of	Manufacturer	National	Other	Year	Repaired,	ASME Code
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
						Replaced, or	Code
Component SG-1B-	Manufacturer ANSALDO ENERGIA MILANO	Serial No.	Board No.	ID 00036	Built 2000	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component SG-1B- HLMWB	Manufacturer ANSALDO ENERGIA MILANO f Work REPLACE CLASS	Serial No.	Board No. 150 ANT SYSTEM STE.	ID 00036	Built 2000 OR 1B HOT	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component SG-1B- HLMWB 7. Description of	Manufacturer ANSALDO ENERGIA MILANO f Work REPLACE CLASS	Serial No. 0201 1 REACTOR COOL	Board No. 150 ANT SYSTEM STE. atic Nor	ID 00036 AM GENERAT	Built 2000 OR 1B HOT	Replaced, or Replacement REPLACEMENT	Code Stamped N

Sheet 2 of 2

Date: 5/9/2003

Name of Component: SG-1B-HLMWB

Work Order Number: 02-007509

Certificate of Compliance							
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT Repair or Replacement	conforms to the rules of the					
Type Code Symbol Stamp NA							
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>						
Signed Phillip C Bukes Inserve Inspection Program Owner or Owner's Designee, Title	Gumu Date	June 4 ,20 <u>03</u>					

Certificate of INSERVICE INSPECTION

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 - 1 - 02 to 6 - 6 - 63, and state that to the best of my 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.

from or	connected with this inspection.				
	loen Mitsuin.		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	, Province, and Endorsements
Date_	6-10	,20 <u>0 3</u>	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin P	ublic Service Corporat	tion			Date <u>5/9</u>	9/2003	
700 North Ac	dams P.O.Box 19001	Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
2. Plant Kewaunee N	luclear Power Plant				Unit No.	<u>1</u>	
	42 Kewaunee, WI 542	16-9511			Work Order	02-007509	
3. Work Performed By	Nuclear Managemer				Type Code	Sym. Stamp <u>NA</u>	
	700 First Street, Huc	<u>dson, Wisconsin 540</u>	<u>016</u>		Authorizatio	n No. <u>NA</u>	
4. Identification of Syste	em <u>36</u> Class <u>1</u>	REACTOR COOL	LANT		Expiration D	ate <u>NA</u>	
5. (a) Applicable Constr	ruction Code SEC. III-	1987 ADD.			Code Case	<u>NA</u>	
(b) Applicable Edition	of Section XI Utilized	for Renairs or Renis	ecements 1989				
(b) Applicable Edition	TO Section A Califer	to riepails of riepid	acements 1303				
6. Identification of Comp	ponents Repaired or R	leplaced and Replac	cement Component	ts			
			· · · · · · · · · · · · · · · · · · ·			Renaired	ASME
	ne of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ne of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	•	•
Component Manu	facturer					Replaced, or	Code
Component Manu SG-1B- ANSA	facturer	Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
Component Manu SG-1B- ANSA	facturer LDO ENERGIA NO REPLACE CLASS 1	Serial No.	Board No.	00036 ID	Built 2000	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component Manu SG-1B- ANSA CLMWB MILAN	facturer LDO ENERGIA NO	Serial No.	Board No.	00036 ID	Built 2000	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component Manu SG-1B- ANSA CLMWB MILAN 7. Description of Work	facturer LLDO ENERGIA NO REPLACE CLASS 1 4 MANWAY NUTS.	Serial No. 0201 REACTOR COOLA	Board No. 150 ANT SYSTEM STE	ID 00036 AM GENERAT	Built 2000 OR 1B COLD	Replaced, or Replacement REPLACEMENT LEG MANWAY ST	Code Stamped N
Component Manu SG-1B- ANSA CLMWB MILAN	facturer LDO ENERGIA NO REPLACE CLASS 1	Serial No.	Board No. 150 ANT SYSTEM STE	00036 ID	Built 2000 OR 1B COLD	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component Manu SG-1B- ANSA CLMWB MILAN 7. Description of Work	facturer LLDO ENERGIA NO REPLACE CLASS 1 4 MANWAY NUTS.	Serial No. 0201 REACTOR COOLA	Board No. 150 ANT SYSTEM STE. stic Nor	ID 00036 AM GENERAT	Built 2000 OR 1B COLD	Replaced, or Replacement REPLACEMENT LEG MANWAY ST	Code Stamped N
Component Manu SG-1B- ANSA CLMWB MILAN 7. Description of Work	REPLACE CLASS 1 4 MANWAY NUTS.	Serial No. 0201 REACTOR COOLA Pneuma	Board No. 150 ANT SYSTEM STE. stic Nor	ID 00036 AM GENERAT	Built 2000 OR 1B COLD	Replaced, or Replacement REPLACEMENT LEG MANWAY ST	Code Stamped N

Sheet 2 of 2

Date: 5/9/2003

Name of Component: SG-1B-CLMWB

Work Order Number: 02-007509

pliance	
REPLACEMENT	conforms to the rules of the
Repair or Replacemen	it
ate <u>NA</u>	
Date _	June 4 ,20 03
	
	REPLACEMENT Repair or Replacement

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 2-1-02 to 6-6-03, and state that to the best of my 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.

rom or con	nected with this inspection.				·
Log	motion.		Commissions	NB7741, I, N, IS, A	WIS 100024
-0	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6-10	,20 <u>03</u>	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner W	fisconsin Public Service Corpor	ation			Date <u>5/3</u>	30/2002	
<u>70</u>	00 North Adams P.O.Box 1900	I Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
2. Plant K	ewaunee Nudear Power Plant				Unit <u>No</u>	<u>. 1</u>	
_	490 HWY 42 Kewaunee, WI 54	<u>216-9511</u>			Work Orde	r <u>02-007734</u>	
					Tyma Coda	Sym. Stamp NA	
3. Work Perf		ent Company, LLC			Type Code	Sym. Stamp INA	
	700 First Street, H	udson, Wisconsin 540	<u>)16</u>		Authorization	on No. NA	
4. Identificati	on of System 21 Class	SPENT FUEL PO	OOL COOLING		Expiration i	Date <u>NA</u>	
5. (a) Applica	able Construction Code B31.1-	<u>1967</u>			Code Case	NA NA	
(b) Applica	able Edition of Section XI Utilize	d for Repairs or Repl	acements 1989				
6. Identificati	on of Components Repaired or	Replaced and Replace	ement Components	S			
		 				Repaired,	ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Replaced, or Replacement	Code Stamped
							Staniped
FPC-1100	ITT GRINNEL VALVE COMPANY	NF	NA	FPC007-00	1970	REPLACEMENT	N
		······································					***
7. Description	n of Work REPLACE DIAPHI	RAGM ON CLASS 2 S	SPENT FUEL POOL	COOLING AND	CLEAN-U	P SYSTEM 2" VAL	/E FPC-1100.
8. Tests con	ducted Hydrostatic	Pneuma	itic Non	ninal Operating I	Pressure	X Exem	npt
	Other	Pressure	e <u>64</u> psi	Test Ter	mp. <u>60</u>	deg. F	
	لسا					=	
					•		

Sheet 2 of 2

Date: 5/30/2002

Name of Component: <u>FPC-1100</u>

Work Order Number: <u>02-007734</u>

Certificate of Com	pliance	
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 Replacemen	it
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration D	Date <u>NA</u>	
Signed Phellip C. Buke T marries I map extens hornomer or Owner's Designee, Title	Owner Date _	June 4 ,20 03

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 2-1-02 to 6-6-03, and state that to the best of my 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.

from or co	nnected with this inspection.				
K	ogn Myun		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6-10	20 03			

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Pu	ublic Service Corporat	<u>ion</u>			Date <u>5/9</u>	9/2003	
700 North Ad	lams P.O.Box 19001 (Green Bay, WI 54307	<u>-9001</u>		Sheet 1	of <u>2</u>	
	uclear Power Plant 12 Kewaunee, WI 5421	<u>16-9511</u>			Unit <u>No.</u> Work Order	<u>02-008856</u>	
3. Work Performed By	Nuclear Managemen	nt Company, LLC Ison, Wisconsin 5401	<u>6</u>		Type Code	Sym. Stamp <u>NA</u> n No. <u>NA</u>	
4. Identification of Syste	em <u>36</u> Class <u>1</u>	REACTOR COOLA	INT		Expiration D	ate <u>NA</u>	
 (a) Applicable Construction (b) Applicable Edition 	ruction Code NA	for Repairs or Replac	ements <u>1989</u>		Code Case	<u>NA</u>	
6. Identification of Comp	oonents Repaired or R	eplaced and Replace	ment Component	ts			
	ne of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component Manuf						Replaced, or	Code
Component Manuf	FINGHOUSE REPLACE CLASS 1 INCLUDING FLANG	Serial No.	NA T PUMP 1A SHA CLASS 1 SEAL M (2 TOTAL) A	00037 AFT, INTERNA WATER CVC	Built 1970 LS, SEAL PARENTS SYSTEM (3) ONE REACTOR Pressure	Replaced, or Replacement REPLACEMENT CKAGE AND MOTO TOTAL), CLASS 3	Code Stamped N DR

Sheet 2 of 2

Date: <u>5/9/2003</u>

Name of Component: <u>RCP-1A</u>

Work Order Number: <u>02-008856</u>

Certificate of Compliance
We Certify that the statements made in the report are correct and this ASME Code Section XI. REPLACEMENT conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed Phillip C Bukes/Insurve Inspection Program Quentr Date June 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 2-1-02 to 6-6-03, and state that
to the best of my 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.
Ross Marian Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date 6-/0 ,20 0 3

As Required by the Provisions of the ASME Code Section XI

1. Owner Wiscons	sin Public Service Corpora	ation			Date <u>5/</u>	9/2003	
700 Nor	th Adams P.O.Box 19001	Green Bay, WI 5430	<u>17-9001</u>		Sheet 1	of <u>2</u>	
C Blant Koussum	on Nuclear Dawer Blant				Unit No.	<u>1</u>	
	iee Nuclear Power Plant WY 42 Kewaunee, WI 542	216-9511			Work Order	- r <u>02-008856</u>	
14430 11	VV 1 42 Newadileo, VV 1 0 42	510 0011					
3. Work Performed	By Nuclear Manageme	ent 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 §	System <u>35</u> Class <u>1</u>	CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration [Date <u>NA</u>	
5. (a) Applicable C	onstruction Code B31.1-1	967			Code Case	NA	
(b) Applicable Ed	dition of Section XI Utilized	tor Repairs or Repla	acements 1989				
6. Identification of 0	Components Repaired or I	Replaced and Replac	ement Component	ts			
	Name of Ianufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component M			***************************************			Replaced, or	Code
Component M	Ianufacturer VESTINGHOUSE Vork <u>REPLACE DAMAG</u>	Serial No.	Board No. NA S 1 CHEMICAL AN tic Nor	ID NA	Built 1967 ONTROL SYS	Replaced, or Replacement REPLACEMENT	Code Stamped N SE CVC-F2.

Sheet 2 of 2

Date: 5/9/2003

Name of Component: <u>CVC-F2</u>
Work Order Number: <u>02-008856</u>

Certificate of Com	pliance	
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 Replacemen	t
Type Code Symbol Stamp NA		•
Certificate of Authorization No. NA Expiration D	ate <u>NA</u>	
Signed Philip C. Bukes I marrice I magazion Program Conner or Owner's Designee, Title	Date_	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-03, and state that to the best of my 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.

from or con	nected with this inspection.				
Rox	- Mitymi.		Commissions	NB7741, I, N, IS, A	WIS 100024
0	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6-10	,20 <i>0</i> 3	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Con	poration			Date <u>5/</u>	13/2003	
-	700 North Adams P.O.Box 19	001 Green Bay, WI 5430	07-9001		Sheet 1	of <u>2</u>	
					Unit No		
2. Plant	Kewaunee Nuclear Power Pla	<u>nt</u>			Oint 110	<u>. </u>	
1	N490 HWY 42 Kewaunee, WI	<u>54216-9511</u>			Work Orde	er <u>02-009750</u>	
3. Work Pe	rformed By <u>Nuclear Manage</u>	ement Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street	Hudson, Wisconsin 540	<u>016</u>		Authorizat	ion No. <u>NA</u>	
4. Identifica	ation of System <u>05B</u> Class	2 AUXILIARY FEE	DWATER		Expiration	Date <u>NA</u>	
5. (a) Appli	cable Construction Code B16	<u>.34</u>			Code Case	9 <u>N-416-1</u>	
(b) Applic	cable Edition of Section XI Uti	ized for Repairs or Repla	acements 1989				
6. Identifica	ation of Components Repaired	or Replaced and Replace	cement Component	ts .			•
Name of Componer	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFW-4B	FLOWSERVE CORP.	AV-169	NA	F015-002	2003	REPLACEMENT	N
7. Descripti 8. Tests con	ion of Work <u>REPLACE CLA</u> nducted Hydrostat Other		itic Nor	" VALVE AFW- minal Operating	Pressure	3° BUTT WELD. X Exem	npt
9. Remarks	UTILIZATION OF ASME B	OILER AND PRESSURE	EVESSEL CODE S	SECTION XI: C	ODE CASE	N-416-1	

Sheet 2 of 2

Date: <u>5/13/2003</u>

Name of Component: <u>AFW-4B</u>
Work Order Number: <u>02-009750</u>

Certificate of Compliance
We Certify that the statements made in the report are correct and this ASME Code Section XI. REPLACEMENT conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Phillip C Bukes Inspection Program Owner Date June 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 2-1-02 to 6-6-03, and state that
to the best of my 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 6-10 20 03

As Required by the Provisions of the ASME Code Section XI

	Public Service Corporat	ion			Date 5/1:	3/2003	
	dams P.O.Box 19001		-9001		·	of <u>2</u>	
700 North A	dams P.O.Box 190011	Sieen Bay, WI 54307	<u>-900 i</u>				
2. Plant <u>Kewaunee N</u>	Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
N490 HWY	42 Kewaunee, WI 542	<u>16-9511</u>			Work Order	02-009751	
3. Work Performed By	Nuclear Managemer	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
	700 First Street, Hug	lson, Wisconsin 5401	<u>6</u>		Authorizatio	n No. <u>NA</u>	
4. Identification of Syst	em <u>05B</u> Class <u>2</u>	AUXILIARY FEED	WATER		Expiration D	Date <u>NA</u>	
5. (a) Applicable Const	ruction Code B16.34				Code Case	N-416-1	
(b) Applicable Edition	n of Section XI Utilized	for Repairs or Replace	ements <u>1989</u>				
	ponents Repaired or R	eplaced and Replace Manufacturer	ment Components National	Other	Year	Repaired,	ASME
Component MISH	ıfacturer	Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
	VSERVE	AV-168	Board No.	ID F015-001			•
AFW-4A FLOV	VSERVE P.	AV-168	NA /ATER SYSTEM 3	F015-001	Built 2003 /-4A AND 2 -	Replacement	N N AND ADD AN

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>AFW-4A</u>
Work Order Number: <u>02-009751</u>

Certificate of Com	pliance	
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. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Philip C. Buka I normus Inspection Program Owner or Owner's Designee, Title	Date 1	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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.

nis employe	er shall be liable in any mann	er for any perso	nal injury or prop	perty damage or a loss	s of any kind arising
rom or con	nected with this inspection.				
hoz	n Mitjuin.		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6-10	,20 <u>0 3</u>	-		

As Required by the Provisions of the ASME Code Section XI

4 0								
1. Owner	Wisconsin Publi	ic Service Corporat	<u>ion</u>			Date <u>5/21</u>	<u>1/2003</u>	
	700 North Adam	ns P.O.Box 19001 (Green Bay, WI 54307	<u>7-9001</u>		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee Nucl	ear Power Plant				Unit No.	<u>1</u>	
z. ran		Cewaunee, WI 5421	<u>16-9511</u>			Work Order	02-011096	
						Type Code 9	Sym. Stamp NA	
3. Work P		uclear Managemen				Type Code (Sym. Stamp MA	
	79	00 First Street, Hud	lson, Wisconsin 540	<u>16</u>		Authorizatio	n No. <u>NA</u>	
4. Identific	cation of System	<u>05B</u> Class <u>3</u>	AUXILIARY FEED	WATER		Expiration D	ate <u>NA</u>	
5. (a) App	licable Construct	ion Code <u>B16.34</u>				Code Case	N-416-1	
(h) Anni	licable Edition of	Section XI Litilized	for Repairs or Repla	comente 1989				
(b) Appi	neadle Edition of	Section Al Cuilzed	ioi riepaiis di riepiai	Cernenta <u>1909</u>				
6. Identific	ation of Compon	ents Repaired or R	eplaced and Replace	ement Components	S			
							Renaired	ASME
Name of		of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Name of		- -	Manufacturer Serial No.	National Board No.	Other ID	Year Built		
• • • • • • • • • • • • • • • • • • • •		turer RVE					Replaced, or	Code
Compone	ent Manufact	turer RVE	Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
Compone AFW-1C	FLOWSE CORPOR	ERVE RATION EPLACE CLASS 3	Serial No. AV-167 AUXILIARY FEEDW	Board No.	ID F016-001	Built 2003	Replaced, or Replacement REPLACEMENT	Code Stamped N
Compone AFW-1C	FLOWSE CORPOR	TUTET FATION	Serial No. AV-167 AUXILIARY FEEDW	Board No.	ID F016-001	Built 2003	Replaced, or Replacement REPLACEMENT	Code Stamped N
Compone AFW-1C	FLOWSE CORPOR	turer RATION EPLACE CLASS 3 DDITIONAL 3" BUT	Serial No. AV-167 AUXILIARY FEEDW	Board No. NA /ATER SYSTEM 3*	ID F016-001 VALVE AFW	Built 2003 -1C AND 2 - 3	Replaced, or Replacement REPLACEMENT 3" BUTT WELDS A	Code Stamped N
Compone AFW-1C	FLOWSE CORPOR	ERVE RATION EPLACE CLASS 3	Serial No. AV-167 AUXILIARY FEEDW	Board No. NA /ATER SYSTEM 3*	ID F016-001	Built 2003 -1C AND 2 - 3	Replaced, or Replacement REPLACEMENT	Code Stamped N ND ADD AN
Compone AFW-1C 7. Descrip	FLOWSE CORPOR	turer RATION EPLACE CLASS 3 DDITIONAL 3" BUT	Serial No. AV-167 AUXILIARY FEEDWIT WELD.	Board No. NA /ATER SYSTEM 3*	ID F016-001 VALVE AFW	Built 2003 -1C AND 2 - 3	Replaced, or Replacement REPLACEMENT 3" BUTT WELDS A	Code Stamped N ND ADD AN
Compone AFW-1C 7. Descrip	FLOWSE CORPOR	ERVE BATION EPLACE CLASS 3 DDITIONAL 3* BUT Hydrostatic	Serial No. AV-167. AUXILIARY FEEDWIT WELD. Pneumati	NA NA NA NA NA NATER SYSTEM 3	F016-001 VALVE AFW	Built 2003 -1C AND 2 - 3	Replaced, or Replacement REPLACEMENT 3" BUTT WELDS A	Code Stamped N ND ADD AN
Compone AFW-1C 7. Descrip	FLOWSE CORPOR	ERVE BATION EPLACE CLASS 3 DDITIONAL 3* BUT Hydrostatic Other	Serial No. AV-167. AUXILIARY FEEDWIT WELD. Pneumati	NA NA NA NA NA NATER SYSTEM 3 IC Nom 1730 psi	F016-001 VALVE AFW tinal Operating	Built 2003	Replaced, or Replacement REPLACEMENT 3" BUTT WELDS A X Exem deg. F	Code Stamped N ND ADD AN

Sheet 2 of 2

Date: 5/21/2003

Name of Component: <u>AFW-1C</u>
Work Order Number: <u>02-011096</u>

Certificate of Com	pliance	
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. <u>NA</u> Expiration Do	ate <u>NA</u>	
Signed Phellips C Dukas Insurves Impaction Program Owner or Owner's Designee, Title	oowner Date	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-83, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

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

National Board, State, Province, and Endorsements

Date 6-10 ,20 <u>03</u>

As Required by the Provisions of the ASME Code Section XI

		 					
1. Owner Wi	isconsin Public Service Corp	oration			Date 5	5/5/2003	
<u>70</u>	0 North Adams P.O.Box 190	01 Green Bay, WI 5430	<u> </u>		Sheet 1	L of <u>2</u>	
0 Di- 1 1/2					Unit No	o. 1	
	waunee Nuclear Power Plan 90 HWY 42 Kewaunee, WI	_				er <u>02-011097</u>	
<u>194</u>	90 HWY 1 42 Newaunee, WYT:	04210-9511			WORK Orde	er <u>02-011097</u>	
3. Work Perfo	ormed By <u>Nuclear Manage</u>	ment Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	700 First Street,	Hudson, Wisconsin 540	016		Authorizat	ion No. NA	
							
4. Identification	on of System 05B Class	3 AUXILIARY FEE	DWATER		Expiration	Date NA	
5 (a) Applicat	ble Construction Code B16.	34			Code Case	e <u>N-416-1</u>	
0. (u) / ppou	<u> </u>	**			0000 000	6 <u>14-410-1</u>	
(b) Applicat	ble Edition of Section XI Utili	zed for Repairs or Repla	acements 1989				
Name of Component	on of Components Repaired of Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFW-1B	FLOWSERVE CORP.	AV-166	NA	F016-006	2003	REPLACEMENT	N
7. Description8. Tests cond		S 3 AUXILAIRY FEED\	tic Nor	3" VALVE AFW minal Operating Test To	Pressure	X Exen	npt 🔲
9. Remarks	UTILIZATION OF ASME BO	DILER AND PRESSURE	E VESSEL CODE S	SECTION XI: C	ODE CASE	N-416-1.	

Sheet 2 of 2

Date: 5/5/2003

Name of Component: <u>AFW-1B</u>
Work Order Number: <u>02-011097</u>

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT Repair or Replacement	conforms to the rules of the
Type Code Symbol Stamp NA		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Phillip C. Bukes Inservice I repetion Program (Owner or Owner's Designee, Title	ົງພ າຍ ບ Date	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 - 1 - 02 to 6 - 6 - 03 and state that to the best of my 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.

ills employer shall be hable in any marmer for any perso	man injury or proj	perty damage or a loss	of any kind ansing
from or connected with this inspection.			
Roge Mitjum.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	, Province, and Endorsements
Date 6-10 ,20 03	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin I	oublic Service Corpora	<u>tion</u>			Date <u>5/1</u>	13/2003	
700 North A	dams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
					Unit No	. 1	
	Nuclear Power Plant	40.0544				·····	
<u>N490 HWY</u>	42 Kewaunee, WI 542	<u>16-9511</u>			Work Orde	er <u>02-011098</u>	
3. Work Performed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
	700 First Street, Hu	dson, Wisconsin 540	<u>16</u>		Authorizati	on No. NA	
4. Identification of Syst	em <u>05B</u> Class <u>3</u>	AUXILIARY FEED	WATER		Expiration	Date <u>NA</u>	
5. (a) Applicable Const	ruction Code B16.34				Code Case	N-416-1	
· / · · ·							
(b) Applicable Edition	n of Section XI Utilized	for Repairs or Repla	cements 1989				
	ne of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFW-1A FLOV CORE	VSERVE P.	AV-165	NA	F016-003	2003	REPLACEMENT	N
7. Description of Work	REPLACE CLASS 3 ADDITIONAL 1 - 3"	AUXILAIRY FEEDW BUTT WELD.	VATER SYSTEM:	3" VALVE AFW	-1A AND 2 -	- 3" BUTT WELDS A	<u>ND ADD AN</u>
3. Tests conducted	Hydrostatic	Pneumat	ic Nor	minal Operating	Pressure	X Exem	pt
	Other	Pressure	<u>1700</u> psi	Test Te	mp. <u>76.8</u>	deg. F	
. Remarks UTILIZA	TION OF ASME BOILE	ER AND PRESSURE	VESSEL CODE S	SECTION XI: CO	ODE CASE	N-416-1.	

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>AFW-1A</u>
Work Order Number: <u>02-011098</u>

Certificate of Com	pliance	
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 Replacemer	n t
Type Code Symbol Stamp NA		·. · ·
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Philip C. Buken Inserver Inspection Program Owner or Owner's Designee, Title	Burnero Date _	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-1-03, and state that to the best of my 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.

his employer shall be liable in	any manner for any pers	onal injury or proj	perty damage or a loss	s of any kind arising	
from or connected with this ins	spection.				
Rom Migu	٠ -	Commissions	NB7741, I, N, IS, A	WIS 100024	
Inspector's Signa	ature		National Board, State	e, Province, and Endorser	nents
Date 6-10	,20 <u>0 3</u>				

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Servic	e Corporation				Date <u>3/2</u>	7/2003	
•	700 North Adams P.O.B		n Bay, WI 5430	7-900 <u>1</u>		Sheet 1	of <u>2</u>	
						Unit No.	_	
	Kewaunee Nuclear Pow						_	
	N490 HWY 42 Kewaune	e, WI 54216-9	<u>511</u>		,	Work Order	02-011100	
3. Work Pe	erformed By <u>Nuclear M</u>	lanagement Co	mpany, LLC		•	Type Code	Sym. Stamp NA	
	700 First	Street, Hudson	, Wisconsin 540	<u>16</u>		Authorizatio	on No. <u>NA</u>	
4. Identifica	ation of System 02	Class 3 S	ERVICE WATER	3	•	Expiration [Date <u>NA</u>	
5. (a) Appli	icable Construction Code	B16.34			(Code Case	N-416-1	
(h) Appli	icable Edition of Section	YI I Itilized for I	Panaire or Rania	camente 1080				
(b) Appli	Cable Edition of Geotion	A Guilzed loi I	topans of Fiepla	- 1000				
Name of	ation of Components Re		anufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Componer	nt Manufacturer	:	Serial No.	Board No.	ID	Built	Replacement	Stamped
SW-1041	B-2 CONBRACO IND INC.	USTRIAL	NA	NA	SW134-218	2002	REPLACEMENT	N
7. Descript 8. Tests co	FLANGES	S AND 2 - 2 1/2	B AIR CONDITION BUTT WELDS Pneumat	ic Non	VATER SYSTEM ninal Operating F Test Ter	Pressure	LVE SW-1041B-2, : X Exem	
9. Remarks	s UTILIZATION OF AS	ME BOILER A	ND PRESSURE	VESSEL CODE S	ECTION XI: CO	DE CASE I	N-416-1	

Sheet 2 of 2

Date: 3/27/2003

Name of Component: <u>SW-1041B-2</u>

Work Order Number: 02-011100

Certificate of Comp	oliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT Repair or Replaceme	conforms to the rules of the
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Da Signed Philips C Bulius I powers Imparton Program C Owner or Owner's Designee, Title	ite <u>NA</u>	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-3, 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 requirements of the ASME Code, Section XI.

nis employer shall be liable in any manner ic	any personal injury or proj	perty damage or a loss	s of any kind ansing
rom or connected with this inspection.			
Roger Mityuri.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements
Date 6-10 ,20	03		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisc	consin Public Service Corpo	ration			Date <u>5/1</u> :	<u>3/2003</u>	
<u>700</u>	North Adams P.O.Box 1900	1 Green Bay, WI 54307	7- <u>9001</u>		Sheet <u>1</u>	of <u>2</u>	
2. Plant Kew	vaunee Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
	0 HWY 42 Kewaunee, WI 54	1216-9511		•	Work Orde	02-012745	
3. Work Perfort	med By <u>Nuclear Managerr</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, F	ludson, Wisconsin 540	<u>16</u>		Authorizatio	on No. <u>NA</u>	
4. Identification	of System 36 Class	1 REACTOR COOL	ANT	I	Expiration [Date <u>NA</u>	
5. (a) Applicabl	le Construction Code ANSI	B16.34			Code Case	N-416-1	
(h) Analiaahl	la Edition of Continu VI I Mille	ed for Boneiro or Bonlo	1000				
(b) Applicable	le Edition of Section XI Utilize	ed for Repairs or Repla	cements 1989				
6. Identification	of Components Repaired or	Replaced and Replace	ement Component	ts			
						Danalmad	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	- · · · · · · · · · · · · · · · · · · ·	
	***************************************					Replaced, or	Code
Component	Manufacturer FLOWSERVE CORP.	Serial No.	Board No.	ID RC018-002	Built 2003	Replaced, or Replacement REPLACEMENT	Code Stamped
Component PR-1B	Manufacturer FLOWSERVE CORP. of Work REPLACE CLASS	Serial No. NBR AV-266	Board No. NA NT SYSTEM 3" VA	ID RC018-002	Built 2003 O 2 - 3" BU	Replaced, or Replacement REPLACEMENT	Code Stamped N
PR-1B 7. Description of	Manufacturer FLOWSERVE CORP. of Work REPLACE CLASS	Serial No. NBR AV-266 1 REACTOR COOLA	Board No. NA NT SYSTEM 3" VA	ID RC018-002 ALVE PR-1B AN	2003 2 2 - 3" BU	Replaced, or Replacement REPLACEMENT	Code Stamped N

Sheet 2 of 2

Date: 5/13/2003

Name of Component: PR-1B

Work Order Number: 02-012745

Certificate of Compliance

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

Repair or Replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C Bukker Insances Inspection Program Courser Date June 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 3-1-02 to 6-6-03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

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

National Board, State, Province, and Endorsements

Date 6 - 10 ,20 0.3

As Required by the Provisions of the ASME Code Section XI

1. Owner Wi	sconsin Public Service Corpor	ation			Date <u>5/1</u>	3/2003	
<u>70</u>	0 North Adams P.O.Box 1900	1 Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant Ke	waunee Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
-	90 HWY 42 Kewaunee, WI 54	216-9511			Work Orde	<u>02-012746</u>	
3. Work Perfo	ormed By <u>Nuclear Managem</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, H	udson, Wisconsin 540	<u>16</u>		Authorization	on No. <u>NA</u>	
4. Identification	on of System 36 Class	REACTOR COOL	ANT		Expiration [Date <u>NA</u>	
5. (a) Applica	ble Construction Code ANSI I	316.34			Code Case	N-416-1	
(h) A !! · · ·	ble Edition of Continu VI Halling	ed for Donoise or Donie	nomente 4000				
(D) Applica	ble Edition of Section XI Utilize	o for nepairs or nepla	cements 1989				
6. Identification	on of Components Repaired or	Replaced and Replace	ement 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
PR-1A	FLOWSERVE CORP.	NBR AV-265	NA	RC018-001	2003	REPLACEMENT	N
7. Description 8. Tests cond		1 REACTOR COOLAI Pneumat		ALVE PR-1A AN ninal Operating to Test Tel	Pressure	IT WELDS. X Exendeg. F	npt
9. Remarks	UTILIZATION OF ASME BOI						

Sheet 2 of 2

Date: 5/13/2003

Name of Component: PR-1A
Work Order Number: 02-012746

Certificate of Com	pliance	· -
	•	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPLACEMENT Repair or Replacement	conforms to the rules of the -
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration Da	ate <u>NA</u>	
Signed Phillip C Bukes Incornece Inspection Programs (Owner or Owner's Designee, Title	Date _	une 4_ ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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.

rom or connected with this inspection.			
logn My uni	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature	· ·	National Board, State	, Province, and Endorsements
Date 6-10	0 <u>03</u>		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin P	ublic Service Corporati	<u>ion</u>			Date <u>5/1</u> :	3/2003	
700 North Ad	dams P.O.Box 19001 (Green Bay, WI 5430	<u>07-9001</u>		Sheet 1	of <u>2</u>	
2. Plant Kewaunee N	luclear Power Plant				Unit <u>No.</u>	<u>1</u>	
	<u>42 Kewaunee, WI 5421</u>	6-9511			Work Order	02-012820	
<u> </u>		<u> </u>					
3. Work Performed By	Nuclear Managemen	t Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hud	son, Wisconsin 540	<u>016</u>		Authorizatio	n No. <u>NA</u>	
4. Identification of Syste	em <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTRO	<u>L</u>	Expiration D	Date <u>NA</u>	
5. (a) Applicable Consti	ruction Code B31.1-19	<u> 67</u>			Code Case	NA	
(h) Analisable Edition	of Costian VI I Hiliand	for Donoiro or Bonle	acamenta 1000				
(b) Applicable Edition	of Section XI Utilized	for nepalls of nepal	acements 1969				
6. Identification of Com	ponents Repaired or R	eplaced and Replac	cement Components				
						Danalaad	
Name of Nan	ne of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
	ne of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	•	
Component Manu			***************************************			Replaced, or	Code
CVC-261 CROS CO.	facturer SBY ASHTON GAGE	Serial No.	Board No.	ID CS108-001	Built 1971	Replaced, or Replacement REPAIRED	Code Stamped N
Component Manu	facturer	Serial No.	Board No.	ID CS108-001	Built 1971	Replaced, or Replacement REPAIRED	Code Stamped N
CVC-261 CROS CO.	facturer SBY ASHTON GAGE	Serial No.	Board No.	ID CS108-001	Built 1971	Replaced, or Replacement REPAIRED	Code Stamped N
CVC-261 CROS CO.	facturer SBY ASHTON GAGE	Serial No.	NA CLASS 2 CHEMICAL	ID CS108-001 AND VOLUME	Built 1971 CONTROL	Replaced, or Replacement REPAIRED	Code Stamped N
CVC-261 CROS CO. 7. Description of Work	facturer SBY ASHTON GAGE REMOVE FOR SET	Serial No. NF POINT TESTING C	NA CLASS 2 CHEMICAL	ID CS108-001 AND VOLUNE	Built 1971 CONTROL Pressure	Replaced, or Replacement REPAIRED SYSTEM 2" VALV	Code Stamped N
CVC-261 CROS CO. 7. Description of Work	facturer SBY ASHTON GAGE REMOVE FOR SET	Serial No. NF POINT TESTING C	NA CLASS 2 CHEMICAL atic Nomi	ID CS108-001 AND VOLUME	Built 1971 CONTROL Pressure	Replaced, or Replacement REPAIRED	Code Stamped N
CVC-261 CROS CO. 7. Description of Work	FACTURE BY ASHTON GAGE REMOVE FOR SET Hydrostatic	Serial No. NF POINT TESTING C	NA CLASS 2 CHEMICAL atic Nomi	ID CS108-001 AND VOLUNE	Built 1971 CONTROL Pressure	Replaced, or Replacement REPAIRED SYSTEM 2" VALV	Code Stamped N

Sheet 2 of 2

Date: <u>5/13/2003</u>

Name of Component: <u>CVC-261</u> Work Order Number: <u>02-012820</u>

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.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed Phillips C: Bukas Inservee Inspection Program Gurrer Date June 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 _2-/-02 to 6-6-03, and state that
to the best of my 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 6-10 ,20 P.3

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpora	<u>tion</u>			Date 5/	13/2003	
	700 North Adams P.O.Box 19001	Green Bay, WI 5430	7-900 <u>1</u>		Sheet j	L of <u>2</u>	
O Diam	Variation Nuclear Dougs Blant				Unit No	<u>. 1</u>	
2. Plant	Kewaunee Nuclear Power Plant N490 HWY 42 Kewaunee, WI 542	16-9511			Work Ord	er <u>02-012821</u>	
	1450 TW 1 42 Nowadines, W1042						
3. Work P	Performed By <u>Nuclear Manageme</u>	nt Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. NA	
4. Identific	cation of System 35 Class 2	CHEMICAL AND	VOLUME CONTRO	<u>DL</u>	Expiration	Date <u>NA</u>	
5. (a) App	olicable Construction Code B31.1-1	<u>967</u>			Code Cas	e <u>NA</u>	
						_	
(b) App	licable Edition of Section XI Utilized	tor Hepairs or Hepia	cements 1989				
6. Identific	cation of Components Repaired or F	Replaced and Replac	ement Component	s			
Name o		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-40	CROSBY VALVE & GAGE CO.	51036 M2	NA	CS015-001	1971	REPAIRED	N
7. Descrip 8. Tests o	otion of Work REMOVE FOR SET conducted Hydrostatic Other	POINT TESTING CL	tic Non	L AND VOLUMI ninal Operating Test Te	Pressure	X Exer 6 deg. F	_
9. Remark	ks NOT APPLICABLE						

Sheet 2 of 2

Date: <u>5/13/2003</u>

Name of Component: CVC-40

Work Order Number: 02-012821

		
Certificate of Com	pliance	
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 D	ate <u>NA</u>	
Signed Philip C. Buke Insure Inspection Progra Owner or Owner's Designee, Title	ombwnus Date	yure 4 ,20 <u>03</u>

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-3, 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 requirements of the ASME Code, Section XI.

Losa Moguis	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	, Province, and Endorsements
Date 6-10 ,20 03	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pub	lic Service Corpora	ution			Date <u>5</u>	/9/2003	
	700 North Ada	ns P.O.Box 19001	Green Bay, WI 5430	<u> 7-9001</u>		Sheet <u>1</u>	of <u>2</u>	
0.814						Unit No	. 1	
		lear Power Plant	10.0514					
	N490 HWY 42	Kewaunee, WI 542	<u> 216-9511</u>			Work Orae	er <u>02-012885</u>	
3. Work Pe	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
	Ī	700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizati	on No. <u>NA</u>	
4. Identifica	ation of System	<u>06</u> Class <u>2</u>	MAIN STEAM AN	ID STEAM DUMP		Expiration	Date <u>NA</u>	
5. (a) Appli	icable Construc	tion Code ASME I	II CL. C-1966			Code Case	• <u>NA</u>	
(b) Appli	iochlo Edition o	Coation VI Litiliza	for Repairs or Repla	acomonte 1090				
(b) Appli	Cable Edition o	Section At Outlized	itor nepairs or nepi	acements <u>1909</u>				
6. Identifica	ation of Compo	nents Repaired or I	Replaced and Replac	ement Component	ts			
		, , , , , , , , , , , , , , , , , , , ,		•				
Name of Componer	,,,,,,	= :	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SG-1A (CLASS 2)		GHOUSE	1141	68-28	00035	1968	REPAIRED	Υ
7. Descripti 8. Tests co	1	DPEN FOR INSPE A SECONDARY S Hydrostatic Other	CTION CLASS 2 MA LIDE MANWAYS INC Pneuma Pressure	tic Nor	ING 4 BOLTS.	g Pressure	X Exer	
9. Remarks		CABLE.						

Sheet 2 of 2

Date: <u>5/9/2003</u>

Name of Component: SG-1A (CLASS 2)

Work Order Number: <u>02-012885</u>

Certificate of Com	pliance
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No. NA Expiration De	ate <u>NA</u>
Signed Phillip C. Bukes Inservee Inspection Programmer or Owner's Designee, Title	no Owner Date June 4 ,20 03
Certificate of INSERVIC	E INSPECTION
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 Stea	am Boiler Inspection and Ins. Co. of Hartford, CT
have inspected the components described in the Owner's Report during	ng the period <u>2-/-02</u> to <u>6-6-03</u> , and state that
to the best of my knowledge and belief, the Owner has performed exar	minations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASM	ME Code, Section XI.
By signing this certificate neither the Inspector nor his employer m	nakes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's R	Report. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for any personal injury or pr	operty damage or a loss of any kind arising
from or connected with this inspection.	
Log Myrim Commissions Inspector's Signature	NB7741, I, N, IS, A WIS 100024 National Board, State, Province, and Endorsements
Date 6-10 ,20 <u>03</u>	

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin F	Public Service Corpora	ation			Date 5	/9/2003	
700 North A	dams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant Kewaunee N	Nuclear Power Plant				Unit <u>No</u>	<u>. 1</u>	
	42 Kewaunee, WI 54	<u> 216-9511</u>			Work Orde	or <u>02-012891</u>	
3. Work Performed By	Nuclear Manageme	ant Company IIC			Type Code	Sym. Stamp NA	
3. Work Performed By		udson, Wisconsin 540	116				
	700 First Street, Fit	103011, W13C0113111 34C	<u> </u>		Authorizat	on No. <u>NA</u>	
4. Identification of Syst	em <u>06</u> Class <u>2</u>	MAIN STEAM AN	ID STEAM DUMP		Expiration	Date <u>NA</u>	
5. (a) Applicable Const	truction Code ASME	III CL. C-1966			Code Case	• <u>NA</u>	
(h) Anniinahla Editio	n of Coation VI I biliza	d for Bonoiro er Bonis	acomente 1000				
(b) Applicable Edition	n of Section XI Utilize	u loi nepalis oi nepia	icements <u>1909</u>				
6. Identification of Com	ponents Repaired or	Replaced and Replac	ement Component	ts			
							
Name of Nar	ne of	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Component Manu	ıfacturer	Serial No.	Board No.	Ш	Built	Replacement	Stamped
SG-1A (CLASS WES 2)	TINGHOUSE	1141	68-28	00035	1968	REPAIRED	Υ
7. Description of Work	OPEN FOR INSPE	CTION CLASS 2 MA	IN AUXILIARY STE	EAM AND STE	EAM DUMP S	SYSTEM STEAM G	ENERATOR
8. Tests conducted	Hydrostatic	Pneuma	tic Nor	minal Operatin	g Pressure	X Exer	mpt
	Other	Pressure	e <u>1021</u> psi	Test 1	emp. 547	deg. F	
			 ,				

Sheet 2 of 2

Date: <u>5/9/2003</u>

Name of Component: SG-1A (CLASS 2)

Work Order Number: 02-012891

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED Repair or Replacemen	conforms to the rules of the
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration D		
Signed Philly C Bakes Insurvee I regulation Programs Owner or Owner's Designee, Title		June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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.

Rogan Majura.

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

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

Date 6-10-03 ,20 03

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin P	ublic Service Corpora	tion			Date <u>5/</u>	9/2003	
700 North Ac	dams P.O.Box 19001	Green Bay, WI 5430	<u> </u>		Sheet 1	of <u>2</u>	
2. Plant Kewaunee N	uclear Power Plant				Unit <u>No.</u>	<u>1</u>	
	I2 Kewaunee, WI 542	16-9511			Work Order	<u>02-012892</u>	
3. Work Performed By	Nuclear Manageme	nt Company II C			Type Code	Sym. Stamp <u>NA</u>	
o. Work i chomica by		dson, Wisconsin 540	016		• •		
					Authorizatio	11 NO. <u>NA</u>	
4. Identification of Syste	em <u>06</u> Class <u>2</u>	MAIN STEAM AN	ND STEAM DUMP		Expiration D	ate <u>NA</u>	
5. (a) Applicable Constr	ruction Code ASME II	I CL.C-1966		•	Code Case	<u>NA</u>	
(b) Applicable Edition	of Section XI Utilized	for Repairs or Repla	acements 1989				
(-,			<u></u>				
6. Identification of Comp	ponents Repaired or F	Replaced and Replac	cement Component	s			
	ne of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	facturer					Replaced, or	Code
Component Manus	facturer INGHOUSE OPEN FOR INSPEC	Serial No.	Board No. 68-29 IN AUXILIARY STEUDING REPLACIN Itic Non	ID 00036 EAM AND STE	Bullt 1968 AM DUMP SY	Replaced, or Replacement REPLACEMENT	Code Stamped Y NERATOR

Sheet 2 of 2

Date: <u>5/9/2003</u>

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

Work Order Number: 02-012892

Certificate of Compliance We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Philips C. Bukus Insures Inspection Program Owner Date When 1,20 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 2-1-02 to 6-6-03, and state that to the best of my 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.

from or co	nnected with this inspe	ction.			
K	In Int.	un	Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signatu	re		National Board, State	e, Province, and Endorsements
Date	6-10	03			

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin P	ublic Service Corpora	ation			Date !	5/9/2003	
700 North A	dams P.O.Box 19001	Green Bay, WI 5430	<u>17-9001</u>		Sheet :	<u>1</u> of <u>2</u>	
					Unit No	<u> </u>	
	luclear Power Plant						
<u>N490 HWY </u>	42 Kewaunee, WI 54:	<u> 216-9511</u>			Work Ord	er <u>02-012898</u>	
3. Work Performed By	Nuclear Manageme	ent Company, LLC			Type Cod	e Sym. Stamp <u>NA</u>	
	700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizat	tion No. NA	
4. Identification of Syste	em <u>06</u> Class <u>2</u>	MAIN STEAM AN	ID STEAM DUMP		Expiration	Date <u>NA</u>	
5. (a) Applicable Const	ruction Code ASME	II CL.C-1966		·	Code Cas	e <u>NA</u>	
(b) Applicable Edition	n of Section XI Utilize	d for Repairs or Repla	acements 1989				
6. Identification of Com Name of Name	ponents Repaired or	Replaced and Replace Manufacturer	ement Component	Other	Year	Repaired, Replaced, or	ASME Code
Component Manu	facturer	Serial No.	Board No.	Ш	Built	Replacement	Stamped
SG-1B (CLASS WEST 2)	ringhouse	1142	68-29	00036	1968	REPAIRED	Y
7. Description of Work8. Tests conducted		CTION CLASS 2 MA SIDE HAND HOLES. Pneuma Pressure	tic Nor	EAM AND STE minal Operatin Test 1	g Pressure	SYSTEM STEAM G X Exe	

Sheet 2 of 2

Date: 5/9/2003

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

Work Order Number: 02-012898

REPAIRED	conforms to the rules of the
Repair or Replacem	ent
te <u>NA</u>	
Date Date	June 4 ,20 03
	Repair or Replacem

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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 6-10 ,20 03

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin	Public Service Corporation	<u>on</u>		ı	Date <u>4/1</u>	<u>7/2003</u>	
	700 North	Adams P.O.Box 19001 G	reen Bay, WI 54307	<u>-9001</u>	:	Sheet <u>1</u>	of <u>2</u>	
0 51		Alvelous Rower Blank			,	Jnit <u>No</u> .	1	
2. Plant		Nuclear Power Plant Y 42 Kewaunee, WI 5421	6-0511		,	 Nork Orda	r <u>02-012937</u>	
	14450 1114	1 42 Newaunce, 111 3421	<u>0-9511</u>		`	VOIR Olde	<u>02-012007</u>	
3. Work F	Performed B	y Nuclear Management	Company, LLC		٦	Type Code	Sym. Stamp NA	
		700 First Street, Huds	son, Wisconsin 5401	<u>16</u>	,	Authorizatio	on No. NA	
			00174045170	55 AV			_	
4. Identifi	cation of Sy	stem <u>23</u> Class <u>2</u>	CONTAINMENT S	PHAY	t	Expiration I	Date <u>NA</u>	
5. (a) App	plicable Con	struction Code B16.5-196	<u> </u>		(Code Case	NA NA	
(b) App	olicable Editi	on of Section XI Utilized f	or Repairs or Replac	ements <u>1989</u>				
6. Identifi	cation of Co	mponents Repaired or Re	placed and Replace	ment Componen	ts			
•		,	,					
								
Name o	of N	ame of	Manufacturer	National	Other	Year	Repaired,	ASME
Compone		ame or nufacturer	Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
			55000 4 4		·	4.000	<u> </u>	
ICS-8A		CHOR/DARLING VALVE MPANY	EB992-1-1	NA	ICS004-005	1970	REPAIRED	N
			- <u></u>					
7. Descrip	ption of Wor	k OPEN FOR REPAIR	CLASS 2 CONTAIN	MENT SPRAY S	YSTEM 6" VALVE	E ICS-8A.		
8 Tests o	conducted	Hydrostatic	Pneumati	c No	minal Operating F	ressure	X Exer	not 🗀
0. 100.0	501.440154	.,,		· [_]	······································	.0000		··•·· 🗀
		Other	Pressure	<u>275</u> psi	Test Ten	np. <u>71.5</u>	deg. F	
			•					

Sheet 2 of 2

Date: 4/17/2003

Name of Component: <u>ICS-8A</u>
Work Order Number: <u>02-012937</u>

Certificate of Com	pliance	
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 Replac	ement
Type Code Symbol Stamp NA		
Certificate of Authorization NoNA Expiration D	ate <u>NA</u>	
Signed Phillip C. Bukes Inservice Inspection Program Owner or Owner's Designee, Title	, Gwner Da	ate June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 8-1-02 to 6-6-3, 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 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	rom or connected with this inspection.			
	Rom Monin	Commissions	NB7741, I, N, IS, A	WIS 100024
			National Board, State	, Province, and Endorsements

Date 6 - 10 ,20 0 3

As Required by the Provisions of the ASME Code Section XI

1. Owner		ublic Service Corporat		7-900 <u>1</u>			. of <u>2</u>	
2. Plant		uclear Power Plant 2 Kewaunee, WI 542	<u>16-9511</u>			Unit <u>No</u> Work Orde	<u>. 1</u> er <u>03-000176</u>	
3. Work P	erformed By	Nuclear Managemen 700 First Street, Hud	-	<u>916</u>		• •	o Sym. Stamp <u>NA</u>	
4. Identific	ation of Syste	m <u>02</u> Class	SERVICE WATE	B		Expiration	Date <u>NA</u>	
• • • • • •		uction Code <u>B31.1-19</u>		acomonto 1090		Code Case	N-416-1	
() ()		onents Repaired or R			ts			
Name o		e of 'acturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SW-1038 PIPING	BB NUCLI COMP	EAR MANAGEMENT ANY	NA	NA	NA	2003	REPLACEMENT	N
7. Descrip	ation of Work	REINSTALLATION (SYSTEM TRAINN B	OF CLASS 3 SERVI NEAR VALVE SW-	CE WATER SYST 1038B.	EM 4" PIPING	AND 4" WE	LDS FOR SERVICE	WATER
8. Tests c	onducted	Hydrostatic	Pneuma Pressure	L	minal Operatin Test 1	-	X Exem	opt
		•						

Sheet 2 of 2

5/5/2003 Date:

Date

Name of Component: SW-1038B PIPING

Work Order Number: 03-000176

Certificate of Com	pliance	
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 Replacemen	t
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration Da	ate <u>NA</u>	
Signed Phillip C. Buhas Insurace Inspeton Program Owner or Owner's Designee, Title	<u>Oμπαν</u> Date _	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-1-03, and state that to the best of my 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

3111 01 00	Com my my men.		Commissions	NETTAL I NI IS A	
	Inspector's Signature		Commissions		WIS 100024 e, Province, and Endorsements
Date	6-10	20 03			

.20 03

As Required by the Provisions of the ASME Code Section XI

	inanasia Bublia Garaina Garanasi	•			Dota 40	9/2003	
	isconsin Public Service Corporat						
<u>70</u> 0	0 North Adams P.O.Box 19001	Green Bay, WI 5430	7-900 <u>1</u>		Sheet 1	of <u>2</u>	
2. Plant Ke	waunee Nuclear Power Plant				Unit <u>No.</u>	<u>1</u>	
<u>N4</u>	90 HWY 42 Kewaunee, WI 542	<u>16-9511</u>			Work Order	03-000177	
3. Work Perfo	rmed By <u>Nuclear Managemer</u>	t Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Huc	lson, Wisconsin 540	<u>16</u>		Authorizatio	n No. <u>NA</u>	
4. Identificatio	n of System 02 Class 3	SERVICE WATER	1		Expiration [Date <u>NA</u>	
5. (a) Applicat	ble Construction Code B31.1-19	<u> 167</u>			Code Case	N-416-1	
(h) Annlicat	ple Edition of Section XI Utilized	for Banaire or Banla	comente 1080				
(b) Applicat	or Cultion of Geotion At Cuitzed	ioi rrepails of rrepla					
6. Identification	n of Components Repaired or R	eplaced and Replace	ement Component	ts			
Name of	Name of	Manufacturer	National	Other	Year	Repaired,	ASME Code
Component	Manufacturer	Serial No.	Board No.	m	Built	Replaced, or Replacement	Stamped
				NA NA			
Component SW-1043A	Manufacturer NUCLEAR MANAGEMENT COMPANY of Work REINSTALLATION C SYSTEM TRAIN A N	Serial No. NA DF CLASS 3 SERVICE	Board No. NA DE WATER SYST 143A.	NA "EM 3" PIPING	Built 2003 AND 3* WEL	Replacement REPLACEMENT	N N WTER

Sheet 2 of 2

Date: 4/29/2003

Name of Component: SW-1043A PIPING

Work Order Number: 03-000177

mpliance	
s REPLACEMENT	conforms to the rules of the
Repair or Replaceme	ent
	June 4 ,20 <u>03</u>
i	Repair or Replacement

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-3, 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 requirements of the ASME Code, Section XI.

is employer shall be liable in any manner for any person	nal injury or prop	perty damage or a loss	of any kind arising
rom or connected with this inspection.			
Lon Motjuin.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	, Province, and Endorsements
Date 6-10 ,20 <u>03</u>	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wis	consin Public Service Corporat	<u>ion</u>			Date <u>4/</u>	<u>29/2003</u>	
700	North Adams P.O.Box 19001	Green Bay, WI 5430	<u> 7-9001</u>		Sheet 1	of <u>2</u>	
					Unit No	o. 1	
	vaunee Nuclear Power Plant						
<u>N49</u>	90 HWY 42 Kewaunee, WI 542	<u>16-9511</u>			Work Orde	er <u>03-000177</u>	
3. Work Perfor	med By <u>Nuclear Managemer</u>	t Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	700 First Street, Huc	lson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. <u>NA</u>	
4. Identification	n of System <u>02</u> Class <u>3</u>	SERVICE WATE	<u>R</u>		Expiration	Date <u>NA</u>	
5. (a) Applicab	ele Construction Code B31.1-1s	967			Code Case	e <u>N-416-1</u>	
(h) Annlicah	le Edition of Section XI Utilized	for Repairs or Repla	acements 1989				
(Б) / ФР.10-10		ioi viopano oi viopa					
6. Identification	n of Components Repaired or R	eplaced and Replac	ement Componen	ts			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SW-1038A PIPING	NUCLEAR MANAGEMENT COMPANY	NA	NA	NA	2003	REPLACEMENT	N
7. Description of the second o	SYSTEM TRAIN A N		038A. tic No	minal Operatir	ig Pressure	X Exen	
9. Remarks	UTILIZATION OF ASME BOILE	R AND PRESSURE	E VESSEL CODE S	SECTION XI: (CODE CASE	N-416-1	

Sheet 2 of 2

Date: 4/29/2003

Name of Component: SW-1038A PIPING

Work Order Number: 03-000177

Certificate of Compliance We Certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the ASME Code Section XI. Repair or Replacement Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Philip C Bukes Inservee Insertion Insertion Transform Currer Date 1, 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 a-1-02 to 6-6-03, and state that to the best of my 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.

att of confected with this inspection.			
hoge Mynn.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature	_	National Board, State	e, Province, and Endorsements
Date 6-10 ,20 03			

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

1 Oumar								
1. Owner	Wisconsin Pu	blic Service Corpora	tion			Date	<u>5/5/2003</u>	
	700 North Add	ams P.O.Box 19001	Green Bay, WI 5430	<u> </u>		Sheet	1 of 2	
2. Plant	Kewaunee Nu	uclear Power Plant				Unit <u>I</u>	<u>No. 1</u>	
	N490 HWY 4	2 Kewaunee, WI 542	216-9511			Work O	rder <u>03-000420</u>	
3. Work Po	erformed By	Nuclear Manageme	nt Company, LLC			Туре Со	de Sym. Stamp <u>NA</u>	
		700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authoriz	ation No. NA	
4. Identific	ation of System	m <u>31</u> Class <u>3</u>	COMPONENT CO	OOLING		Expiration	on Date <u>NA</u>	
5. (a) Appl	licable Constru	uction Code ASME	/III-DIV.1			Code Ca	ise <u>N-416-1</u>	
(b) Appl	icable Edition	of Section XI Utilized	I for Repairs or Repla	acements 1989				
6. Identifica	ation of Comp	onents Repaired or	Replaced and Replac	ement Component	ts			
Name of	Nam	·	Manufacturer	National	Other	Year	Repaired,	ASME
Maine O	i ivaiii				- Cuici	1001	Replaced, or	Code
Compone	nt Manuf	acturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
Compone AHCC1-1	A ENGIN				ID 00113	Built 2003	_ • .	
AHCC1-1	A ENGIN	EERS AND CATORS REPLACE CLASS SYSTEM PIPING A	Serial No. S-26125 3 COMPONENT CO	Board No. 3269 OLING WATER HI ATER SYSTEM W	00113 EAT EXCHANG	2003 GER 1A IN	Replacement	Stamped Y CE WATER
AHCC1-1	A ENGIN FABRII	EERS AND CATORS REPLACE CLASS SYSTEM PIPING A	Serial No. S-26125 3 COMPONENT CO ND 12" SERVICE W	Board No. 3269 OLING WATER HI ATER SYSTEM W NG WATER SYST	00113 EAT EXCHANG	2003 GER 1A IN " COMPO	Replacement REPLACEMENT ICLUDING 12* SERVIONENT COOLING WAT	Stamped Y CE WATER ER SYSTEM
AHCC1-1	A ENGIN FABRII	EERS AND CATORS REPLACE CLASS SYSTEM PIPING A PIPING AND 16" C	Serial No. S-26125 3 COMPONENT CO ND 12" SERVICE W OMPONENT COOLII	Board No. 3269 OLING WATER HI ATER SYSTEM W NG WATER SYST	00113 EAT EXCHANG ELDS AND 16 EM WELDS.	2003 GER 1A IN "COMPO	Replacement REPLACEMENT ICLUDING 12" SERVIONENT COOLING WAT	Stamped Y CE WATER ER SYSTEM

Sheet 2 of 2

Date: <u>5/5/2003</u>

Name of Component: <u>AHCC1-1A</u>
Work Order Number: <u>03-000420</u>

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 Da	eate <u>NA</u>					
Signed Phillip C. Bukan Inserved Inspection Programs Owner or Owner's Designee, Title	Owner Date June 4 ,20 03					
Certificate of INSERVIC	E INSPECTION					

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-/-02 to 6-6-03, and state that to the best of my 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.

form or connected with this inspection.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin F	Public Service Corpor	ration .			Date 5	<u>/1/2003</u>		
700 North A	dams P.O.Box 1900	1 Green Bay, WI 543	307-9001		Sheet 1	of <u>2</u>		
2. Plant Kewaunee N	Nuclear Power Plant				Unit No. 1			
	42 Kewaunee, WI 54	216-9511			Work Order <u>03-000421</u>			
3. Work Performed By	Nuclear Managem	ent Company, LLC			Type Code	Sym. Stamp NA		
•	700 First Street, H	udson, Wisconsin 54	<u>4016</u>		Authorizati	ion No. NA		
4. Identification of Syst	em <u>31</u> Class <u>3</u>	COMPONENT O	COOLING			Date <u>NA</u>		
5. (a) Applicable Const	truction Code ASME	VIII-DIV.1			Code Case	N-416-1		
(b) Applicable Edition	n of Section XI Utilize	ed for Benairs or Ber	placements 1989					
(5) , 45			<u></u>					
6. Identification of Com	ponents Repaired or	Replaced and Repla	acement Component	ts				
Name of Name	me of	Manufacturer	National	Other	Year	Repaired,	ASME	
	ne of ıfacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
Component Manu AHCC2-1B ENGI						Replaced, or	Code	
Component Manu AHCC2-1B ENG! FABF	nfacturer NEERS AND RICATORS	Serial No. S-26126	Board No. 3270	ID 00114	Built 2003	Replaced, or Replacement REPLACEMENT	Code Stamped Y	
Component Manu AHCC2-1B ENGI	REPLACE CLASS	Serial No. S-26126	Board No. 3270 DOLING WATER SY	ID 00114 (STEM HEAT I	Built 2003 EXCHANGE	Replaced, or Replacement	Code Stamped Y	
Component Manu AHCC2-1B ENG! FABF	REPLACE CLASS	Serial No. S-26126 3 COMPONENT COND 12" SERVICE W	Board No. 3270 DOLING WATER SY VATER PIPING WELD	ID 00114 (STEM HEAT I	Built 2003 EXCHANGE COMPONEN	Replaced, or Replacement REPLACEMENT	Code Stamped Y SERVICE R PIPING	
Component Mana AHCC2-1B ENG! FABF 7. Description of Work	REPLACE CLASS WATER PIPING A AND 16" COMPO	Serial No. S-26126 3 COMPONENT CO. ND 12" SERVICE WALLING WA	Board No. 3270 DOLING WATER SYLATER PIPING WELD TAKE PIPING WELD TAKE NO	O0114 (STEM HEAT I DS AND 16° C	Built 2003 EXCHANGE COMPONEN Pressure	Replaced, or Replacement REPLACEMENT R 1B INCLUDING 1: T COOLING WATER	Code Stamped Y SERVICE R PIPING	

Sheet 2 of 2

Date: 5/1/2003

Name of Component: <u>AHCC2-1B</u>
Work Order Number: <u>03-000421</u>

	Certificate of Compliance						
	ify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the						
ASME C	code Section XI. Repair or Replacement						
Type Co	de Symbol Stamp NA						
Certifica	te of Authorization No. NA Expiration Date NA						
Signed	Philip C. Bukus Invanue Inquetion Program Owner Date June 4 ,20 03 Owner or Owner's Designee, Title						
	Certificate of INSERVICE INSPECTION						
I, the ur	ndersigned, 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 in	spected the components described in the Owner's Report during the period 2-1-02 to 6-6-03, and state that						
to the b	est of my 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.						
Ву	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

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pr	ublic Service Corpo	ration			Date 5	5/5/2003	
	700 North Ad	lams P.O.Box 1900	1 Green Bay, WI 543	<u>07-9001</u>		Sheet 1	L of <u>2</u>	
						Unit No	o. 1	
2. Plant		uclear Power Plant	1040 0544					
	N490 HWY 4	2 Kewaunee, WI 54	<u>1216-9511</u>			Work Ord	er <u>03-004032</u>	
3. Work P	erformed By	Nuclear Managem	ent Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
		700 First Street, H	udson, Wisconsin 54	<u>016</u>		Authorizat	ion No. NA	
4. Identific	cation of Syste	m <u>34</u> Class	RESIDUAL HEA	T REMOVAL		Expiration	Date <u>NA</u>	
5. (a) App	licable Constr	uction Code B31.1-	1967			Code Cas	e <u>NA</u>	•
(b) Ann	licable Edition	of Section VI I Itiliza	ed for Repairs or Rep	lacemente 1080				
(n) whh	incable Edition	Or Occuon Ar Ounze	a for riepails or riep	1000 1000				
Name o		ne of	Replaced and Repla Manufacturer	National	Other	Year	Repaired,	ASME Code
Compone	ent Manu	facturer	Serial No.	Board No.	ID	Built	Replacement	Stamped
RHR-1A		N VALVE ORATION	NF	NA	AC104-001	1972	REPAIRED	N
7. Descrip 8. Tests c	otion of Work	REPAIR BODY TO REMOVING 1 STO	D BONNET LEAKAGI JD FOR CLEANING Pneum Pressu	AND INSPECTING atic Nor	SIDUAL HEAT R AND 15 STUDS minal Operating Test Te	FOR CLE	SYSTEM 8" VALVE ANING AND INSPE Exer	CTING.

Sheet 2 of 2

Date: <u>5/5/2003</u>

Name of Component: RHR-1A

Work Order Number: 03-004032

Certificate of Com	pliance
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA	ate NA
Signed Philips C Bukus Inserves Inspection Program Owner or Owner's Designee, Title	_
Certificate of INSERVIC	E INSPECTION
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 Ste	am Boiler Inspection and Ins. Co. of Hartford, CT
have inspected the components described in the Owner's Report during	ig the period $2-1-02$ to $6-6-03$, and state that
to the best of my knowledge and belief, the Owner has performed example to the best of my knowledge and belief, the Owner has performed example.	minations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASN	IE Code, Section XI.
By signing this certificate neither the Inspector nor his employer n	nakes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's F	eport. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for any personal injury or pr	operty damage or a loss of any kind arising
from or connected with this inspection.	
Rose Mignes Commissions Inspector's Signature	National Board, State, Province, and Endorsements
Date 6-10 ,20 <u>0.3</u>	

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin	n Public Service Corpora	tion			Date <u>5</u>	<u>/5/2003</u>	
700 North	Adams P.O.Box 19001	Green Bay, WI 54307	7-9001		Sheet 1	of <u>2</u>	
O Olerat - Krausuma	- Nuclear Barres Blank				Unit No.	.1	
	e Nuclear Power Plant 'Y 42 Kewaunee, WI 542	916-0511				r <u>03-004034</u>	
144901111	1 42 Newaunee, WI 542	10-0311					
3. Work Performed E	By <u>Nuclear Manageme</u>	nt Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, Hu	dson, Wisconsin 5401	<u>16</u>		Authorizati	on No. <u>NA</u>	
4. Identification of Sy	ystern <u>35</u> Class <u>2</u>	CHEMICAL AND \	OLUME CONTROL	:	Expiration	Date <u>NA</u>	
5. (a) Applicable Cor	nstruction Code B31.1-1	<u>967</u>			Code Case	NA	
		14 . Bar 1				_	
(b) Applicable Edit	tion of Section XI Utilized	for Repairs or Replac	cements 1989				
6. Identification of Co	omponents Repaired or F	Replaced and Replace	ement Components				
•	lame of nufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	GRINNEL MPANY	NA	NA	CVC-H96	1967	REPAIRED	N
7. Description of Wood8. Tests conducted	rk REPAIR CLASS 2 (MISSING ZIRC FIT Hydrostatic Other	CHEMICAL AND VOL	ic Nomir	STEM HYDE nal Operating Test Te	Pressure	JBBER CVC-H96 D Exer	

Sheet 2 of 2

Date: <u>5/5/2003</u>

Name of Component: <u>CVC-H96</u> Work Order Number: <u>03-004034</u>

Certificate of Compliance						
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED Repair or Repla	conforms to the rules of the				
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Philips C. Bulas Instruct Inspection Program Owner Owner or Owner's Designee, Title						
Certificate of INSERVIC I, the undersigned, holding a valid commission issued by the National and the State or Province of Wisconsin and employed by Hartford Stee	Board of Boiler a	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 2-1-03 to 6-6-03, and state that to the best of my 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.

from or connected with this inspection.	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature			, Province, and Endorsements
Date 6-10 ,20 0 3			

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpor	ation			Date 5	5/5/2003	
	700 North Adams P.O.Box 1900	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee Nuclear Power Plant				Unit <u>No</u>	<u>. 1</u>	
Z. Flatit	N490 HWY 42 Kewaunee, WI 54	<u>216-9511</u>			Work Orde	er <u>03-004034</u>	
-					Type Code	Sym. Stamp NA	
3. Work P	·	ent Company, LLC			Type Code	e Synt. Stamp NA	
	700 First Street, H	udson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. <u>NA</u>	
4. Identific	cation of System 33 Class 2	SAFETY INJECT	ION		Expiration	Date <u>NA</u>	
5. (a) App	Dicable Construction Code B31.1-	<u>1967</u>			Code Case	e <u>NA</u>	
(b) App	licable Edition of Section XI Utilize	ed for Repairs or Repla	cements 1989				
(-) - #F			<u> </u>				
6. Identific	cation of Components Repaired or	Replaced and Replace	ement Component	ts			
Name of		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H2	ITT GRINNELL VALVE CO.	NF	NA	NA	1974	REPAIRED	N
							-
7. Descrip 8. Tests c	-	SAFETY INJECTION Pneuma Pressure	tic Nor	ULIC SNUBBE minal Operatin Test 1	g Pressure	Exer	

Sheet 2 of 2

Date: 5/5/2003

Name of Component: <u>RSI-H2</u>
Work Order Number: <u>03-004034</u>

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 D						
Signed Philipp C. Bulas Inserves Inspection Program Owner or Owner's Designee, Title	<u>Burner</u> Date	June 4 ,20 03				

Certificate of INSERVICE INSPECTION

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 6-10-03 ,20 03

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisco	onsin Public Service Corpora	<u>tion</u>			Date 5	5/5/2003	
<u>700 N</u>	North Adams P.O.Box 19001	Green Bay, WI 5430	7-9001		Sheet 1	<u>l</u> of <u>2</u>	
2. Plant Kewa	aunee Nuclear Power Plant				Unit No	<u>. 1</u>	
) HWY 42 Kewaunee, WI 542	16-9511			Work Ord	er <u>03-004034</u>	
<u> </u>							
3. Work Perform	ned By <u>Nuclear Managemen</u>	nt Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. <u>NA</u>	
4. Identification	of System 33 Class 2	SAFETY INJECT	ION	·	Expiration	Date <u>NA</u>	
5. (a) Applicable	e Construction Code B31.1-1	<u>967</u>			Code Cas	e <u>NA</u>	
/h->	- Edisian of Consider VI Halling d	for Bonsies or Bonle					
(b) Applicable	e Edition of Section XI Utilized	for Hepairs or Hepia	acements 1989				
6. Identification	of Components Repaired or F	Replaced and Replac	ement 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
	•			*		Replaced, or	Code
Component	Manufacturer ITT GRINNELL VALVE CO. f Work REPAIR CLASS 2 S MOVEMENT.	Serial No.	Board No. NA SYSTEM 3" HYDI	ID NA	Bullt 1967 BER RSI-H:	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: <u>5/5/2003</u>

Name of Component: RSI-H2A
Work Order Number: 03-004034

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 Bukes Insurved Inspection Programs Owner or Owner's Designee, Title	Date _	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 27-02 to 6-6-03, and state that to the best of my 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.

As Required by the Provisions of the ASME Code Section XI

I. Owner <u>Wi</u>	sconsin Public Serv	ice Corporatio	<u>n</u>			Date 5	5/5/2003	
700	North Adams P.O	Box 19001 Gr	een Bay, WI 5430	<u> 7-9001</u>		Sheet 1	of <u>2</u>	
							 . <u>1</u>	
	waunee Nuclear Po		OE11				<u> </u>	
<u>N4</u>	90 HWY 42 Kewaur	188, VVI 54216	<u>-9511</u>			work Orga	er <u>03-004034</u>	
. Work Perfo	rmed By <u>Nuclear</u>	Management (Company, LLC			Type Code	Sym. Stamp NA	
	700 Firs	t Street, Hudse	on, Wisconsin 540	<u>)16</u>		Authorizat	ion No. NA	
	10	04	OUEN (OA) AND	VOLUME CONT.			_	
. Identificatio	n of System 35	Class 2	CHEMICAL AND	VOLUME CONTR	<u>IOL</u>	Expiration	Date <u>NA</u>	
i. (a) Applical	ble Construction Co	de <u>B31.1-196</u>	<u> </u>			Code Case	e <u>NA</u>	
(h) Annlinah	his Edition of Costin	n VI I Hilimad fo	r Donnim or Donle	comente 1000				
(n) Applicat	ble Edition of Sectio	n Ai Guilzeu IO	i i iahalis di Uahi	2001161112 1303				
Name of	Name of	•	Manufacturer	National	Other	Ye ar	Repaired,	ASME
Component	Manufacturer	•	Serial No.	Board No.	ID	Built	Replaced, or Replacement	Code Stamped
RCVC-H191	ITT GRINNEL COMPANY		NA	NA	NA	1967	REPAIRED	N
7. Description	of Work REPAIR	CLASS 2 CHI CING PIN.	EMICAL AND VO	LUME CONTROL	SYSTEM 2" H	YDRAULIC S	NUBBER RCVC-H	<u>191 BY</u>
3. Tests cond	ucted Hy	drostatic	Pneuma	tic No	minal Operatin	g Pressure	Exer	mpt X
	C	ther	Pressure	e psi	Test 1	Гетр.	deg. F	
. Remarks	NOT APPLICABLE							

Sheet 2 of 2

Date: 5/5/2003

Name of Component: RCVC-H191 Work Order Number: 03-004034

Certificate of Com	pliance	
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 Repl	acement
Type Code Symbol Stamp NA		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Philip C. Bulius Insurwer Enspection Program Owner or Owner's Designee, Title	Ovner	Date June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-6-03, and state that to the best of my 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 Rep	oort. Furthermore, neit	her the Inspector nor
his employer shall be liable in any manner for any perso	nal injury or prop	erty damage or a loss	of any kind arising
from or connected with this inspection.			
hom Motivier	Commissions	NB7741, I, N, IS, A	WIS 100024
Inspector's Signature		National Board, State	, Province, and Endorsements
Date 6-10 ,20 <u>03</u>	-		

As Required by the Provisions of the ASME Code Section XI

	140' B	hlla Od-a Oa	At			Date 5	/E 10000	
		blic Service Corpora					<u>/5/2003</u>	
•	700 North Ada	ams P.O.Box 19001	Green Bay, WI 543	07-9001		Sheet <u>1</u>	of <u>2</u>	
2. Plant	Kewaunee Nu	clear Power Plant				Unit <u>No</u>	<u>.1</u>	
	N490 HWY 42	2 Kewaunee, WI 542	<u>216-9511</u>			Work Orde	or <u>03-004034</u>	
3. Work Pe	erformed By	Nuclear Manageme	nt Company, LLC			Type Code	Sym. Stamp NA	
		700 First Street, Hu	dson, Wisconsin 54	<u>016</u>		Authorizati	on No. <u>NA</u>	
4. Identifica	ation of Syster	m <u>35</u> Class <u>1</u>	CHEMICAL AND	VOLUME CONTR	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) Appli	icable Constru	ction Code B31.1-1	<u>967</u>			Code Case	NA	
(b) Appli	icable Edition	of Section XI Utilized	for Repairs or Repl	acements 1989				
• • • • •								
6. Identifica	ation of Compo	onents Repaired or I	Replaced and Replace	cement Component	ts			
Name of Componer			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	nt Manuf						Replaced, or	Code
Componer RCVC-H3	nt Manuf	INNELL VALVE	Serial No. NA CHEMICAL AND VO	Board No.	NA NA	Built 1967	Replaced, or Replacement REPAIRED	Code Stamped N
Componer RCVC-H3	nt Manufa ITT GR CO.	INNELL VALVE	Serial No. NA CHEMICAL AND VO	NA PLUME CONTROL S	NA NA	Built 1967 RAULIC SNL	Replaced, or Replacement REPAIRED	Code Stamped N
Componer RCVC-H3: 7. Descripti	nt Manufa ITT GR CO.	REPAIR CLASS 1 OF PIPE CLAMP BIND	Serial No. NA CHEMICAL AND VO	NA PLUME CONTROL S atic Nor	NA NA SYSTEM HYD	Built 1967 RAULIC SNU	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: 5/5/2003

Name of Component: <u>RCVC-H33A</u> Work Order Number: <u>03-004034</u>

REPAIRED	conforms to the rules of the
Repair or Replacemen	nt .
te <u>NA</u>	
Ourrev Date _	20 03, Peny
	Repair or Replacemen

Certificate of INSERVICE INSPECTION

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 $\frac{3-1-02}{2}$ to $\frac{6-6-03}{2}$ 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.

ins empi	Oyer Shan be hable in any	mariner for any pers	orial injury of prop	berty damage or a loss	o or any kind ansing	
from or c	connected with this inspec	etion.				
	Rosa My	um.	Commissions	NB7741, I, N, IS, A	WIS 100024	
	Inspector's Signature	9		National Board, State	e, Province, and Endorsement	s
Date	6-10	00 03				

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisc	consin Public	Service Corpora	ation .			Date 5/	5/2003	
<u>700 l</u>	North Adams	P.O.Box 19001	Green Bay, WI 54:	<u>307-9001</u>		Sheet 1	of <u>2</u>	
2. Plant Kew	vaunee Nuclea	ar Power Plant				Unit <u>No.</u>	<u>1</u>	
		waunee, WI 54	2 <u>16-9511</u>			Work Orde	r <u>03-004034</u>	
n Maria Dadam	and The Miner					Type Code	Sym. Stamp NA	
3. Work Perform			ent Company, LLC	4040		1900 0000	Cym. Clamp IVA	
	<u>700</u>	First Street, Hu	idson, Wisconsin 5	<u>4016</u>		Authorization	on No. <u>NA</u>	
4. Identification	of System	<u>35</u> Class <u>1</u>	CHEMICAL ANI	D VOLUME CONTR	<u>OL</u>	Expiration [Date <u>NA</u>	
5. (a) Applicable	le Constructio	n Code <u>B31.1-</u> 1	1967		•	Code Case	<u>NA</u>	
0 \ A . 15 E.	. Edikina -4.0		d for Donains on Don	-1				
(b) Applicable	ie Edition of S	ection XI Utilized	d for Repairs or Rep	piacements 1989				
6. Identification	of Componer	nts Repaired or	Replaced and Repla	acement Component	ts			
Name of Component	Name of Manufactu	nrer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	Manufactu	erer ELL VALVE					Replaced, or	Code
Component RCVC-H33B 7. Description of	Manufactu ITT GRINN CO. of Work RE RE	ELL VALVE PLACE CLASS PLACING COTT	Serial No. NA 1 CHEMICAL AND TER PIN.	Board No. NA VOLUME CONTRO	NA NA L SYSTEM 2"	Built 1967 HYDRAULIC	Replaced, or Replacement REPAIRED SNUBBER RCVC-	Code Stamped N H33B BY
Component RCVC-H33B	Manufactu ITT GRINN CO. of Work RE RE	PLACE CLASS PLACING COTT	Serial No. NA 1 CHEMICAL AND TER PIN. Pneum	NA VOLUME CONTRO natic No	NA L SYSTEM 2" minal Operation	Built 1967 HYDRAULIC	Replaced, or Replacement REPAIRED SNUBBER RCVC-	Code Stamped N H33B BY
Component RCVC-H33B 7. Description of	Manufactu ITT GRINN CO. of Work RE RE	ELL VALVE PLACE CLASS PLACING COTT	Serial No. NA 1 CHEMICAL AND TER PIN.	NA VOLUME CONTRO natic No	NA L SYSTEM 2" minal Operation	Built 1967 HYDRAULIC	Replaced, or Replacement REPAIRED SNUBBER RCVC-	Code Stamped N H33B BY

Sheet 2 of 2

Date: 5/5/2003

Name of Component: <u>RCVC-H33B</u> Work Order Number: <u>03-004034</u>

Certificate of Com	pliance	
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 Replacer	ment
Type Code Symbol Stamp NA		
Certificate of Authorization No. NA Expiration D	ate <u>NA</u>	
Signed Phillip C. Bukas Insures Inspection Program. Owner or Owner's Designee, Title	Date Date	e func 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-/-02 to 6-6-03 and state that to the best of my 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.

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

Date 6-10 ,20/03

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pr	ublic Service Corpor	ation			Date 5	5/5/2003	
	700 North Ad	ams P.O.Box 1900	I Green Bay, WI 543	<u> 307-9001</u>		Sheet 1	of <u>2</u>	
						Unit No	. 1	
2. Plant		uclear Power Plant 2 Kewaunee, WI 54	016 0511					
	<u>N490 FIVY 1 4</u>	Z Kewauriee, W154	210-9511			WORK OF G	er <u>03-004034</u>	
3. Work F	Performed By	Nuclear Managem	ent Company, LLC			Type Code	Sym. Stamp <u>NA</u>	
		700 First Street, H	udson, Wisconsin 54	<u>4016</u>		Authorizat	ion No. <u>NA</u>	
4. Identific	cation of Syste	m <u>35</u> Class 2	CHEMICAL ANI	O VOLUME CONTR	<u>OL</u>	Expiration	Date <u>NA</u>	
5. (a) App	plicable Constr	uction Code B31,1-	1967			Code Cas	e <u>NA</u>	
(b) App	olicable Edition	of Section XI Utilize	d for Repairs or Rep	lacements 1989				
6. Identific	cation of Comp	conents Repaired or	Replaced and Repla	acement Component	ts			
Name o		e of facturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RCVC-H	1186 ITT GI COMP	RINNEL	NA	NA	NA	1967	REPAIRED	N
·	ption of Work	REPAIR CLASS 2 PIPE CLAMP BINI Hydrostatic Other	CHEMICAL AND VO DING. Pneum	natic Non	SYSTEM 2" H minal Operatin Test	g Pressure	SNUBBER RCVC-H Exer	

Sheet 2 of 2

Date: 5/5/2003

Name of Component: RCVC-H186
Work Order Number: 03-004034

mpliance	
s REPAIRED	conforms to the rules of the
Repair or Replac	ement
•	
Date NA	
m Owner D	20 03
1	Repair or Replace

Certificate of INSERVICE INSPECTION

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 8-1-02 to 6-6-03, and state that to the best of my 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	Motion.	<u>-</u>	Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspect	tor's Signature	_		National Board, State	e, Province, and Endorsements
Date	6-	10	,20 03	_		

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Pu	ıblic Service Corpora	tion			Date <u>5</u>	5/5/2003		
	700 North Ad	ams P.O.Box 19001	Green Bay, WI 5430	<u> </u>		Sheet <u>1</u> of <u>2</u>			
2. Plant	Kewaunee N	uclear Power Plant				Unit <u>No</u>	. <u>.1</u>		
Z. FIGHT		2 Kewaunee, WI 542	<u> 16-9511</u>			Work Orde	er <u>03-004051</u>		
		N	-10			Type Code	Sym. Stamp NA		
3. Work P	erformed By	Nuclear Manageme				Type Cour	Soyiii. Statilp <u>NA</u>		
		700 First Street, Hu	dson, Wisconsin 540	<u>)16</u>		Authorizat	ion No. <u>NA</u>		
4. Identific	cation of Syste	m <u>34</u> Class <u>1</u>	RESIDUAL HEAT	FREMOVAL.		Expiration	Date <u>NA</u>		
5. (a) App	olicable Constr	uction Code B31.1-1	<u>967</u>			Code Cas	e <u>NA</u>		
#1. \ A = = 1	#	at 0 ti VI I Itiliaa	l for Bonoire or Boni						
(b) App	nicable Edition	or Section XI Utilized	for Repairs or Repla	acements 1969					
6. Identific	cation of Comp	onents Repaired or I	Replaced and Replac	cement Component	ts				
Name of		e of acturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
RHR-2B		I VALVE ORATION	NF	NA	AC104-004	1972	REPAIRED	N	
7. Descrip 8. Tests o	otion of Work		BONNET LEAK ON D FOR CLEANING A Pneuma	tic Nor		FOR CLE		CTING.	
9. Remark	ks NOT APP	LICABLE.							

Sheet 2 of 2

Date: 5/5/2003

Name of Component: RHR-2B
Work Order Number: 03-004051

Certificate of Com	pliance	
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED Repair or Replac	conforms to the rules of the ement
Type Code Symbol Stamp NA		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Philip C Bakes Insure Inspetien Program of Owner or Owner's Designee, Title	<u>furur</u> D	ate June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-1-03, and state that to the best of my 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.

from or connected with this inspection.

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

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

1. Owner Wis							
	sconsin Public Service Corpor	ation			Date 5/	9/2003	
<u>700</u>	North Adams P.O.Box 1900	Green Bay, WI 5430	7-9001		Sheet 1	of <u>2</u>	
2. Plant Kev	vaunee Nuclear Power Plant				Unit <u>No.</u>	1	
	00 HWY 42 Kewaunee, WI 54	<u>216-9511</u>			Work Order	03-004053	
3. Work Perfor	med By Nuclear Manageme	ent Company 11 C			Type Code	Sym. Stamp NA	
O. WORL BROW	-	udson, Wisconsin 540	16				
	700 1 1131 Oneet, 111	44300113111 3-10	<u>10</u>		Authorizatio	n No. <u>NA</u>	
4. Identification	of System 35 Class 1	CHEMICAL AND	VOLUME CONTRO	<u>NL</u>	Expiration [Date <u>NA</u>	
5. (a) Applicable	le Construction Code B31.1-	<u>1967</u>			Code Case	<u>NA</u>	
(h) Analinahi	a Edition of Continu VI trait	d for Donnier or Donle					
(D) Applicabl	e Edition of Section XI Utilize	o for Repairs of Repla	cements 1989				
6. Identification	of Components Repaired or	Replaced and Replace	ement Components	;			
						Repaired,	ASME
Name of	Name of	Manufacturer	National	Other	Year	• •	Code
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Replaced, or Replacement	
						Replaced, or	Code
Component	Manufacturer MASONEILAN INTERNATIONAL of Work REPAIR BODY TO	Serial No. H40686-1-1 BONNET LEAK ON C	Board No.	ID CS111-002	B uilt 1969	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component CVC-15	Manufacturer MASONEILAN INTERNATIONAL of Work REPAIR BODY TO	Serial No. H40686-1-1	Board No.	ID CS111-002	B uilt 1969	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component CVC-15	Manufacturer MASONEILAN INTERNATIONAL of Work REPAIR BODY TO	Serial No. H40686-1-1 BONNET LEAK ON C	Board No.	ID CS111-002	B uilt 1969	Replaced, or Replacement REPLACEMENT	Code Stamped N
Component CVC-15	Manufacturer MASONEILAN INTERNATIONAL of Work REPAIR BODY TO REPLACE 8 VALVI	Serial No. H40686-1-1 BONNET LEAK ON C	Board No. NA CLASS 1 CHEMICA	ID CS111-002	Built 1969	Replaced, or Replacement REPLACEMENT	Code Stamped N VE CVC-15.
CVC-15 7. Description o	Manufacturer MASONEILAN INTERNATIONAL of Work REPAIR BODY TO REPLACE 8 VALVE	Serial No. H40686-1-1 BONNET LEAK ON CE BONNET STUDS.	Board No. NA CLASS 1 CHEMICA	ID CS111-002	Built 1969 TE CONTRO	Replaced, or Replacement REPLACEMENT	Code Stamped N VE CVC-15.
CVC-15 7. Description o	Manufacturer MASONEILAN INTERNATIONAL of Work REPAIR BODY TO REPLACE 8 VALVE	Serial No. H40686-1-1 BONNET LEAK ON CE BONNET STUDS. Pneumati	NA CLASS 1 CHEMICA	CS111-002	Built 1969 TE CONTRO	Replaced, or Replacement REPLACEMENT DL SYSTEM 2" VAL	Code Stamped N VE CVC-15.

Sheet 2 of 2

Date: <u>5/9/2003</u>

Name of Component: <u>CVC-15</u> Work Order Number: <u>03-004053</u>

Certificate of Compliance
We Certify that the statements made in the report are correct and this ASME Code Section XI. REPLACEMENT conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed Phellip C. Buken Inserve Inspection frogram Owner Date June 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 8-1-02 to 6-6-03, and state that
to the best of my 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.
Roy Mignes Commissions NB7741, I, N, IS, A WIS 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date 6-10 ,20 <u>0.3</u>

As Required by the Provisions of the ASME Code Section XI

Owner Wisconsin Public Service Corporation	Date 4/22	2/2003	
700 North Adams P.O.Box 19001 Green Bay, WI 54307-9001	Sheet 1	of <u>2</u>	
2. Plant Kewaunee Nuclear Power Plant	Unit No.	<u>1</u>	
N490 HWY 42 Kewaunee, WI 54216-9511	Work Order	<u>03-004115</u>	
Work Performed By Nuclear Management Company, LLC	Type Code S	Sym. Stamp NA	
700 First Street, Hudson, Wisconsin 54016	Authorization	n No. <u>NA</u>	
4. Identification of System 36 Class 1 REACTOR COOLANT	Expiration D	ate <u>NA</u>	
5. (a) Applicable Construction Code <u>B31.1-1967</u>	Code Case	<u>NA</u>	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989			
6. Identification of Components Repaired or Replaced and Replacement Components			
6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer National Other Component Manufacturer Serial No. Board No. ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
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: 4/22/2003

Name of Component: <u>RTD-W70S</u>

Work Order Number: <u>03-004115</u>

Date 6-10

_______,20 <u>@3</u>_____

Certificate of Com	pliance	
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 Rep	lacement
Type Code Symbol Stamp NA Expiration D Certificate of Authorization No. NA Expiration D Signed Philip C. Bukes Insures Imagestion Program Owner or Owner's Designee, Title		Date June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-03, and state that to the best of my 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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rom or connected with this inspection.	Commissions	NB7741, I, N, 1S, A	WIS 100024
Inspector's Signature		National Board, State	e, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin P	ublic Service Corpora	ation			Date <u>4/</u>	<u>29/2003</u>	
	700 North Ad	dams P.O.Box 19001	Green Bay, WI	54307-9001		Sheet	<u>1</u> of <u>2</u>	
						Unit No	o. 1	
2. Plant		uclear Power Plant	016 0514			-		
	N490 HVV Y 4	12 Kewaunee, WI 54	210-9311			work Ord	er <u>03-004134</u>	
3. Work P	erformed By	Nuclear Manageme	ent Company, Ll	<u>LC</u>		Type Cod	e Sym. Stamp <u>NA</u>	
		700 First Street, Hu	udson, Wisconsi	<u>in 54016</u>		Authorizat	tion No. <u>NA</u>	
4. Identific	cation of Syste	em <u>36</u> Class <u>1</u>	REACTOR	COOLANT		Expiration	Date <u>NA</u>	
5. (a) App	licable Constr	ruction Code B31.1-	1967			Code Cas	e <u>NA</u>	
(b) App	licable Edition	of Section XI Utilize	d for Repairs or	Replacements 19	989			
			-	_				
6. Identific	cation of Comp	conents Repaired or	Replaced and R	eplacement Comp	onents			
6. Identific	cation of Comp	conents Repaired or	Replaced and R	eplacement Comp	ponents			
6. Identific	cation of Comp	ponents Repaired or	Replaced and R	eplacement Comp	ponents		Panairad	ACME
6. Identific	•	ponents Repaired or	Replaced and R			Year	Repaired, Replaced, or	ASME Code
	f Nan	·		er National	l Other	Year Built	• •	
Name o	f Nam ent Manu	ne of	Manufacture	er National	l Other		Replaced, or	Code
Name o Compone	f Nament Manu	ne of facturer	Manufacture Serial No.	er National Board No	l Other o. ID	Built	Replaced, or Replacement	Code Stamped
Name of Componer	f Nament Manu	ne of facturer RINNELL VALVE	Manufacture Serial No. NF	er National Board No NA	Other D. ID	Built 1967	Replaced, or Replacement	Code Stamped N
Name of Componer	f Nament Manu	ne of facturer RINNELL VALVE REPAIR CLASS 1	Manufacture Serial No. NF	er National Board No NA	Other D. ID	Built 1967	Replaced, or Replacement REPAIRED	Code Stamped N
Name of Componer	f Namu ITT GI CO.	ne of facturer RINNELL VALVE REPAIR CLASS 1	Manufacture Serial No. NF	er National Board No NA	Other D. ID	Built 1967 7 DUE TO IM	Replaced, or Replacement REPAIRED	Code Stamped N
Name of Componer RTD-H7	f Namu ITT GI CO.	REPAIR CLASS 1 SETTING.	Manufacture Serial No. NF REACTOR COC	er National Board No NA DLANT SYSTM 2**	NOMINAL OPERATION	Built 1967 7 DUE TO IM	Replaced, or Replacement REPAIRED PROPER SUPPOR Exer	Code Stamped N
Name of Componer RTD-H7	f Namu ITT GI CO.	REPAIR CLASS 1	Manufacture Serial No. NF REACTOR COC	er National Board No NA DLANT SYSTM 2**	NA NOminal Operatir	Built 1967 7 DUE TO IM	Replaced, or Replacement REPAIRED	Code Stamped N
Name of Componer RTD-H7	f Namu ITT GI CO.	REPAIR CLASS 1 SETTING.	Manufacture Serial No. NF REACTOR COC	er National Board No NA DLANT SYSTM 2**	NOMINAL OPERATION	Built 1967 7 DUE TO IM	Replaced, or Replacement REPAIRED PROPER SUPPOR Exer	Code Stamped N

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 4/29/2003

Name of Component: <u>RTD-H7</u>
Work Order Number: <u>03-004134</u>

Certificate of Com	pliance
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA	Trepair of Treplacement
Certificate of Authorization No. NA Expiration D.	ate <u>NA</u>
Signed Phillips: Bukes Incorner Inspection Programs Owner or Owner's Designee, Title	Date June 4 ,20 03
Certificate of INSERVIC	E INSPECTION
I, the undersigned, holding a valid commission issued by the National	
and the State or Province of Wisconsin and employed by Hartford Ste	am Boiler Inspection and Ins. Co. of Hartford, CT
have inspected the components described in the Owner's Report during	g the period <u>3-/-02</u> to <u>6-6-03</u> , and state the
to the best of my knowledge and belief, the Owner has performed example to the best of my knowledge and belief, the Owner has performed example.	minations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASM	ME Code, Section XI.
By signing this certificate neither the Inspector nor his employer n	nakes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's F	eport. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for any personal injury or pr	operty damage or a loss of any kind arising
his employer shall be liable in any manner for any personal injury or pr from or connected with this inspection.	operty damage or a loss of any kind arising
from or connected with this inspection.	operty damage or a loss of any kind arising s NB7741, I, N, IS, A WIS 100024

As Required by the Provisions of the ASME Code Section XI

1. Owner \	Wisconsin Public Service Corpo	ration			Date <u>4/</u>	<u> 29/2003</u>	
_	700 North Adams P.O.Box 1900		<u>07-9001</u>		Sheet 1	L of <u>2</u>	
_						- – o. 1	
_	Kewaunee Nuclear Power Plant	1016 0511					
Γ	N490 HWY 42 Kewaunee, WI 5	1216-9511			work Ora	er <u>03-004135</u>	
3. Work Per	rformed By <u>Nuclear Managerr</u>	ent Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
	700 First Street, H	ludson, Wisconsin 54	<u>016</u>		Authorizat	ion No. <u>NA</u>	
							
4. Identifica	tion of System <u>36</u> Class	1 REACTOR COO	LANI		Expiration	Date <u>NA</u>	
5. (a) Applic	cable Construction Code B31.1	<u>-1967</u>			Code Case	e <u>NA</u>	
(b) Applic	cable Edition of Section XI Utiliza	ea for Hepairs or Hepi	acements 1989				
6. Identifica	tion of Components Repaired or	Replaced and Replaced	cement Componen	ts			
				•			
		88de-t	Alatianal	O41	V	Repaired,	ASME
Name of Componen	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Replaced, or Replacement	Code Stamped
			· · · · · · · · · · · · · · · · · · ·			- Tropidocinicity	<u>_</u>
RTD-H12	ITT GRINNELL VALVE CO.	NF	NA	NA	1967	REPAIRED	N
			·				
7. Description	on of Work REPAIR CLASS 1	REACTOR COOLAN	IT SYSTEM 2" SUF	PPORT RTD-H	12 DUE TO	IMPROPER SPRIN	G SETTING.
							_
8. Tests cor	nducted Hydrostatic	Pneuma	atic [] No	minal Operatin	n Pressure	Exer	mpt X
O. 100to 00.	Try around	L , neame		ma operam	9 1 1033410		""
	Other	Pressur	e psi	Test	emp.	deg. F	
9. Remarks	NOT APPLICABLE.						

Sheet 2 of 2

Date: 4/29/2003

Name of Component: <u>RTD-H12</u>
Work Order Number: <u>03-004135</u>

Certificate of Compliance					
We Certify that the statements made in the report are correct and this ASME Code Section XI.	REPAIRED conforms to the rules of the Repair or Replacement				
Type Code Symbol Stamp NA					
Certificate of Authorization No. NA Expiration D	ate <u>NA</u>				
Signed Phillip C. Bukes Inserved Inspection Programs Owner or Owner's Designee, Title	Owner Date June 4 ,20 03				
Certificate of INSERVIC	E INSPECTION				
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 Ste	am Boiler Inspection and Ins. Co. of Hartford, CT				
have inspected the components described in the Owner's Report during	ng the period <u>2-1-03</u> to <u>6-6-03</u> , and state that				

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

to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

from or connected with this inspection.

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

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

Date 6-10 ,20 93

-1

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisc	consin Public Service Corpora	ation			Date <u>4/</u>	30/2003	
<u>700</u>	North Adams P.O.Box 19001	Green Bay, WI 5430	<u>07-9001</u>		Sheet 1	L of <u>2</u>	
2. Plant Kew	raunee Nuclear Power Plant				Unit <u>No</u>	<u>. 1</u>	
	0 HWY 42 Kewaunee, WI 54	216- <u>9511</u>			Work Ord	er <u>03-004136</u>	
3. Work Perforr	med By <u>Nuclear Manageme</u>	ent Company II C			Type Cod	e Sym. Stamp <u>NA</u>	
J. 440/KT 6/10/1	-	udson, Wisconsin 54	016				
					Authorizat	ion No. <u>NA</u>	
4. Identification	of System 36 Class 1	REACTOR COO	<u>LANT</u>		Expiration	Date NA	
5. (a) Applicabl	le Construction Code <u>B31.1-1</u>	1967			Code Cas	e <u>NA</u>	
(h) Annlicahl	e Edition of Section XI Utilized	d for Renairs or Real	acements 1989				
· •							
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Bullt	Repaired, Replaced, or Replacement	ASME Code Stamped
			***************************************			Replaced, or	Code
Component RC-H23	Manufacturer ITT GRINNELL VALVE COMPANY of Work REPAIR CLASS 1	Serial No.	NA NA NA NT SYSTEM 3" SUF	ID NA	Bullt 1967 3 DUE TO L	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: 4/30/2003

Name of Component: <u>RC-H23</u>
Work Order Number: <u>03-004136</u>

REPAIRED	conforms to the rules of the
Danala an Dania	
Repair or Replacen	nent
te <u>NA</u>	
Surrer Date	20 03, 4 June 4
	_

Certificate of INSERVICE INSPECTION

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 $\frac{3-1-02}{2}$ to $\frac{6-6-03}{2}$, 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.

his employ	er shall be liable in any mai	nner for any per	sonal injury or prop	perty damage or a loss	of any kind arising
from or con	nnected with this inspection		Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
Date	6-10	20 03			

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin	Public Service Corporat	tion			Date <u>4/2</u>	9/2003	
700 North /	Adams P.O.Box 19001	Green Bay, WI 54307-	9001		Sheet 1	of <u>2</u>	
2. Plant Kewaunee	Nuclear Power Plant				Unit No.	<u>.1</u>	
	42 Kewaunee, WI 542	<u>16-9511</u>			Work Orde	r <u>03-004138</u>	
3. Work Performed By	y Nuclear Managemer	nt Company, LLC			Type Code	Sym. Stamp NA	
	,	Ison, Wisconsin 5401	<u>6</u>		Authorization	on No. NA	
A 11 -AWAW	OFA Olean O	FFFDWATED					
4. Identification of Sys	stem <u>05A</u> Class <u>2</u>	FEEDWATER			Expiration I	Date <u>NA</u>	
5. (a) Applicable Cons	struction Code NA				Code Case	<u>NA</u>	
(b) Applicable Edition	on of Section XI Utilized	for Repairs or Replace	ements <u>1989</u>				
6. Identification of Cor	mponents Repaired or R	Replaced and Replacer	ment Components	5			
	ame of nufacturer	Manufacturer Serial No.	National Board No.	Other ID	Ye ar Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component Man		•				Replaced, or	Code
SG-AH- MCE	nufacturer DOWELL LLMAN k REPAIR CLASS 2 F	Serial No.	NA NA STEAM GENER	ID 1S-0066	Built 1971 KIP LARGE	Replaced, or Replacement	Code Stamped N

Sheet 2 of 2

Date: 4/29/2003

Name of Component: <u>SG-AH-2</u>
Work Order Number: <u>03-004138</u>

Certificate of Compliance
We Certify that the statements made in the report are correct and this ASME Code Section XI. REPAIRED conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed Philip C. Bukes Instruct Inspection Program Corner Date June 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 3-/-02 to 6-6-03 and state that
to the best of my 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 6-10 ,20 <u>0.3</u>

As Required by the Provisions of the ASME Code Section XI

1. Owner 1	Wisconsin Public Service Corpora	ation			Date <u>5/1</u>	3/2003	
	700 North Adams P.O.Box 19001	Green Bay, WI 54307	<u>-9001</u>		Sheet 1	of <u>2</u>	
2. Plant I	Kewaunee Nuclear Power Plant				Unit No.	<u>.1</u>	
	N490 HWY 42 Kewaunee, WI 54	2 <u>16-9511</u>			Work Orde	r <u>03-004162</u>	
- · · · -					Type Code	Sym. Stamp NA	
3. Work Pe	orformed By Nuclear Manageme		_		Type Code	Synn. Stamp INA	
	700 First Street, Hu	udson, Wisconsin 5401	<u>6</u>		Authorization	on No. NA	
4. Identifica	ation of System 34 Class 2	RESIDUAL HEAT I	REMOVAL		Expiration I	Date <u>NA</u>	
5. (a) Appli	cable Construction Code SECTION	ON III CLASS 2			Code Case	<u>NA</u>	
(b) Appli	cable Edition of Section XI Utilize	d for Panaire or Panlac	remente 1080				
(U) Applik	cable Edition of Geotion At Guilze	a lot Hepails of Hepiac	1303				
6. Identifica	ation of Components Repaired or	Replaced and Replace	ment Component	ts			
Name of	Name of nt Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
	*******					Replaced, or	Code
Componen RHR-33-1	CROSBY VALVE AND GAGE ion of Work REMOVE FOR SE	Serial No.	NA NA ASS 2 RESIDUAL	ID AC115-001	Built 1978 AL SYSTE	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: <u>5/13/2003</u>

Name of Component: <u>RHR-33-1</u>
Work Order Number: <u>03-004162</u>

C	ertificate of Compliance
We Certify that the statements made in the repor ASME Code Section XI.	rt are correct and this REPAIRED conforms to the rules of the Repair or Replacement
Type Code Symbol Stamp NA	
Certificate of Authorization No. NA	Expiration Date NA
Signed Phillip C. Bultie Insurve T. Owner or Owner's Designee,	·
Certific	cate of INSERVICE INSPECTION
I, the undersigned, holding a valid commission is	ssued by the National Board of Boiler and Pressure Vessel Inspectors
and the State or Province of Wisconsin and emp	ployed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT
have inspected the components described in the	e Owner's Report during the period 2-1-02 to 6-6-03, and state that
to the best of my knowledge and belief, the Own	ner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the re-	quirements of the ASME Code, Section XI.
By signing this certificate neither the Inspec	ctor nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures described	ribed in this Owner's Report. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for ar	ny personal injury or property damage or a loss of any kind arising
his employer shall be liable in any manner for ar	ny personal injury or property damage or a loss of any kind arising
,	Commissions NB7741, I, N, IS, A WIS 100024

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin I	Public Service Corporati	ion			Date <u>5/1</u> 3	3/2003	
700 North A	dams P.O.Box 19001 (Breen Bay, WI 5430	<u>7-9001</u>		Sheet 1	of <u>2</u>	
2. Plant Kewaunee I	Nuclear Power_Plant				Unit <u>No.</u>	<u>1</u>	
	42 Kewaunee, WI 5421	<u>6-9511</u>			Work Order	03-004163	
3. Work Performed By	Nuclear Managemen	t Company, LLC			Type Code	Sym. Stamp NA	
.	700 First Street, Hud		<u>16</u>		Authorizatio	n No. NA	
4 11 100 and a a 4 0 and	05 01 0	OUTHOU AND	VOLUME CONTRO			_	
4. Identification of Syst	em <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTRO	<u>L</u>	Expiration D	ate <u>NA</u>	
5. (a) Applicable Cons	truction Code <u>B31.1-19</u>	<u>67</u>			Code Case	<u>NA</u>	
(b) Applicable Editio	n of Section XI Utilized	for Repairs or Repla	cements 1989				
6. Identification of Com	nponents Repaired or Re	eplaced and Replac	ement Components				
						Danaind	
	me of ufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component Manu		***************************************		•		Replaced, or	Code
Component Manu	ufacturer SBY ASHTON GAGE	Serial No.	Board No. NA LASS 2 CHEMICAL tic Nomi	ID CS109-001	Built 1970 CONTROL Pressure	Replaced, or Replacement REPAIRED	Code Stamped N

Sheet 2 of 2

Date: 5/13/2003

Name of Component: <u>LD-5</u>

Work Order Number: 03-004163

Certificate of Com	pliance	
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 Replacemen	nt
Type Code Symbol Stamp <u>NA</u>		
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Philip C. Bulius Inserved Trapection Program Owner or Owner's Designee, Title	moune Date	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 2-1-02 to 6-1-03, and state that to the best of my 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.

his employer sha	all be liable in any man	ner for any pers	onal injury or prop	perty damage or a loss	of any kind arising
from or connecte	ed with this inspection.				
Loga	mynen:		Commissions	NB7741, I, N, IS, A	WIS 100024
Ins	spector's Signature			National Board, State	Province, and Endorsements
Date 6	6-10	.20 0_3			

As Required by the Provisions of the ASME Code Section XI

									
1. Owner	Wisco	onsin Public Se	ervice Corpora	tion			Date 5	5/1/2003	
	700 N	orth Adams P.	O.Box 19001	Green Bay, WI 54	<u>307-9001</u>		Sheet 1	of <u>2</u>	
2. Plant	Kowa	unee Nuclear I	Power Plant				Unit No	<u>. 1</u>	
Z. Flant		HWY 42 Kewa		<u>16-9511</u>			Work Orde	er <u>03-004172</u>	
							T 0-d		
3. Work F	Perform	,		nt Company, LLC			Type Code	e Sym. Stamp <u>NA</u>	
		<u>700 F</u>	irst Street, Hu	dson, Wisconsin 5	<u>4016</u>		Authorizat	ion No. <u>NA</u>	
4. Identifi	cation c	of System 31	Class 3	COMPONENT	COOLING		Expiration	Date <u>NA</u>	
5. (a) App	plicable	Construction (Code <u>ASME V</u>	'III-DIV.1			Code Case	e <u>NA</u>	
(h) Ann	nliaabla	Edition of Soc	tion VI I Itilizad	for Bonnies or Bo	placements 1989				
(a) Apt	Jilcabie	Edition of Sec	don Al Odinzed	ioi nepalis oi ne	piacements 1909				
6. identifi	cation c	of Components	Repaired or F	Replaced and Repl	acement Componen	its			
						<u> </u>		Denoted	
Name o	of	Name of		Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Compon	ent	Manufacture	r	Serial No.	Board No.	Ю	Built	Replacement	Stamped
AHCC1-	1A-S3	ENGINEERS FABRICATIO	—	S-26125	3269	00113	2003	REPLACEMENT	Υ
7. Descri	ption of				ON CLASS 3 COM ER 1A AHCC1-1A-S			ER SYSTEM COMPO	DNENT
8. Tests o	conduct	ed	Hydrostatic	Pneur	natic No	minal Operatin	g Pressure	Exem	npt X
			Other	Press	ure psi	Test 7	emp.	deg. F	
			ليا				.		
			لـا				-		

Applicable Manufacturer's Data Reports to be Attached

9. Remarks NOT APPLICABLE.

Sheet 2 of 2

Date: 5/1/2003

Name of Component: AHCC1-1A-S3

Work Order Number: 03-004172

Certificate of Com	pliance	
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 Replacem	ent
Type Code Symbol Stamp NA	·	v t
Certificate of Authorization No. NA Expiration Da	ate <u>NA</u>	
Signed Phillip C. Bukes Inserver Inspection Program	Date Date	June 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 2-1-07 to 6-6-03, and state that to the best of my 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.

his emplo	oyer shall be liable in any	manner for any pers	sonal injury or prop	perty damage or a loss	of any kind arising
from or co	onnected with this inspec	tion.			
,	lon Mityus	<u>-</u>	Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature)		National Board, State	, Province, and Endorsements
Date	6-10	20 0 3			

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public Service Corpo	ration			Date 5	5/5/2003	
	700 North Adams P.O.Box 1900	1 Green Bay, WI 5430	<u>07-9001</u>		Sheet 1	of <u>2</u>	
					Unit No	o. 1	
-	Kewaunee Nuclear Power Plant				_		
ļ	N490 HWY 42 Kewaunee, WI 5	<u>4216-9511</u>			Work Orde	er <u>03-004211</u>	
3. Work Pe	orformed By <u>Nuclear Managen</u>	nent Company, LLC			Type Code	Sym. Stamp NA	
	700 First Street, I	ludson, Wisconsin 54	<u>016</u>		Authorizat	ion No. <u>NA</u>	
4. Identifica	ation of System 36 Class	1 REACTOR COO	LANT		Explration	Date <u>NA</u>	
5. (a) Appli	icable Construction Code B31.1	<u>-1967</u>			Code Cas	e <u>NA</u>	
(h) Amali	anda Edition of Continu VI Hillin	ad for Banaim or Book	saamanta 1000				
(b) Appli	cable Edition of Section XI Utiliz	ed for nepairs of nepi	acements 1909				
Name of	ation of Components Repaired o	Manufacturer	National	Other	Year	Repaired, Replaced, or	ASME Code
Componer		Serial No.	Board No.	ID	Built	Replacement	Stamped
Componer FE-459				ID 27040	Built 1970		
FE-459	VICKERY SIMMS INC. ion of Work REPAIR CLASS inducted Hydrostatic Other	Serial No.	Board No. NA IT SYSTEM 3" FLA atic Nor	27040 NGE FE-459	1970 DUE TO EVI	REPAIRED	Stamped N

Sheet 2 of 2

Date: <u>5/5/2003</u>

Name of Component: <u>FE-459</u> Work Order Number: <u>03-004211</u>

Certificate of Com	pliance	
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 Repla	acement
Type Code Symbol Stamp NA	i est	
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Phillip C. Bukes Inserver Inspector Programs Owner or Owner's Designee, Title	Curer	Date 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-3 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 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.

from or connected with this inspection.

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

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

Date 6-10 .2003

As Required by the Provisions of the ASME Code Section XI

1. Owner	Wisconsin Public	c Service Corpora	ation .			Date 5	5/5/2003	
	700 North Adam	s P.O.Box 19001	Green Bay, WI 5430	<u>07-9001</u>		Sheet 1	of <u>2</u>	
2. Plant	Kewaunee Nucle	ear Power Plant				Unit No	<u>. 1</u>	
		ewaunee, WI 54	2 <u>16-9511</u>			Work Orde	er <u>03-005273</u>	
o Work B	erformed By N	iologe Managame	ent Company, LLC			Type Code	Sym. Stamp NA	
3. WORK P	•			046				
	Δ	<u>O First Street, At</u>	udson, Wisconsin 54	<u>016</u>		Authorizat	ion No. <u>NA</u>	
4. Identific	cation of System	23 Class 2	CONTAINMENT	SPRAY		Expiration	Date <u>NA</u>	
5. (a) App	olicable Constructi	on Code <u>B31,1-</u>	1967			Code Cas	e <u>NA</u>	
(b) App	licable Edition of	Section XI Utilize	d for Repairs or Repl	acements 1989				
			•					
6. Identific	cation of Compone	ents Repaired or	Replaced and Replac	cement Componen	ts			
					Other		Repaired,	ASME
Name of			Manufacturer Serial No.	National Board No.		Year	Replaced, or	Code
Name of			Manufacturer Serial No.	National Board No.	ID	Year Built	Replaced, or Replacement	Code Stamped
	ent Manufact						•	
Compone ICS-H8	ITT GRIN CO.	urer NELL VALVE	Serial No.	Board No.	ID NA	Built 1971	Replacement REPAIRED	Stamped
Compone ICS-H8	ITT GRIN CO.	urer NELL VALVE	Serial No.	Board No.	ID NA	Built 1971	Replacement REPAIRED	Stamped
Compone ICS-H8	ITT GRIN CO.	urer NELL VALVE	Serial No.	Board No. NA NMENT SPRAY SY	ID NA	Built 1971 AULIC SNUE	Replacement REPAIRED	Stamped N
Compone ICS-H8 7. Descrip	ITT GRIN CO.	NELL VALVE EPAIR CLASS 2 Hydrostatic	Serial No. NA INTERNAL CONTAIN Pneuma	NA NMENT SPRAY SY	NA /STEM HYDR/	Built 1971 AULIC SNUE	Replacement REPAIRED BER ICS-H8.	Stamped N
Compone ICS-H8 7. Descrip	ITT GRIN CO.	urer NELL VALVE EPAIR CLASS 2	Serial No. NA INTERNAL CONTAIN	NA NMENT SPRAY SY	ID NA /STEM HYDR/	Built 1971 AULIC SNUE	Replacement REPAIRED	Stamped N
Compone ICS-H8 7. Descrip	ITT GRIN CO.	NELL VALVE EPAIR CLASS 2 Hydrostatic	Serial No. NA INTERNAL CONTAIN Pneuma	NA NMENT SPRAY SY	NA /STEM HYDR/	Built 1971 AULIC SNUE	Replacement REPAIRED BER ICS-H8.	Stamped N

Sheet 2 of 2

Date: <u>5/5/2003</u>

Name of Component: <u>ICS-H8</u>
Work Order Number: <u>03-005273</u>

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 <u>NA</u>	·	
Certificate of Authorization No. <u>NA</u> Expiration D	ate <u>NA</u>	
Signed Phillip C. Buhra Inserve Inspection Program Owner or Owner's Designee, Title	nounce Date	June 4 ,20 03

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-13, and state that to the best of my 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.

om or connected with this inspection.	sorial injury or prop	reity damage of a 1000 of any kind arising
Rosa Moture	Commissions	NB7741, I, N, IS, A WIS 100024
Inspector's Signature		National Board, State, Province, and Endorsements
Date 6-/0 ,20 0 3		

As Required by the Provisions of the ASME Code Section XI

1. Owner Wiscon	sin Public Service Corpor	ation .			Date <u>5/1</u> 2	2/2003	
700 Nor	rth Adams P.O.Box 19001	Green Bay, WI 5430	07-9001		Sheet 1	of <u>2</u>	
2. Plant Kewaun	nee Nuclear Power Plant				Unit No.	<u>1</u> ·	
	WY 42 Kewaunee, WI 54	<u>216-9511</u>			Work Order	03-005353	
3. Work Performed	I By <u>Nuclear Managem</u>	ent Company, LLC			Type Code	Sym. Stamp NA	
		udson, Wisconsin 540	<u>)16</u>		Authorization	n No. NA	
4. Identification of \$	System <u>33</u> Class <u>2</u>	SAFETY INJECT	TON		Expiration [Date <u>NA</u>	
5. (a) Applicable Co	onstruction Code B16.5-	<u>1967</u>			Code Case	<u>NA</u>	
(b) Applicable Ed	dition of Section XI Utilize	d for Repairs or Repla	acements 1989				
6. Identification of 0	Components Repaired or	Replaced and Replac	ement Component	ts			
	Name of	Manufacturer Serial No.	National Board No.	Other ID	Ye ar Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Component M RHR-299A AI						Replaced, or	Code
Component M RHR-299A AI	Ianufacturer LOYCO NC.	Serial No.	Board No. NA MOVAL SYSTEM tic Nor	ID S1008-001	Built 1970 -299A DUE	Replaced, or Replacement REPAIRED	Code Stamped N

NIS-2 (Back)

Sheet 2 of 2

Date: 5/12/2003

Name of Component: RHR-299A

Work Order Number: 03-005353

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 D	ate <u>NA</u>			
Signed Phillip C. Bukes Inservee Inspection Program Owner or Owner's Designee, Title	Date _	June 4 ,20 03		

Certificate of INSERVICE INSPECTION

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 3-1-02 to 6-6-03 and state that to the best of my 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

no ompre	yor and so has so in any me		ona, injury or proj	porty damage or a loce	or any rana anomy
rom or c	onnected with this inspection	ı.			
	Rosen Motion	- -	Commissions	NB7741, I, N, IS, A	WIS 100024
	Inspector's Signature			National Board, State	e, Province, and Endorsements
		-	•		
Date	6-10	,20 0 3	_		

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

To

Document Control Desk (NRC)

Examination Summary for Scheduled and Augmented Inservice Inspection (ISI) Program

NUCLEAR MANAGEMENT COMPANT, LLC KEWAUNEE NUCLEAR POWER PLANT 3RD INTERVAL: 3RD PERIOD: 2ND OUTAGE 2003 EXAMINATION SUMMARY

INTRODUCTION

An Inservice Inspection (ISI) Program (Scheduled and Augmented) was performed at the Kewaunee Nuclear Power Plant from May 8, 2002 through December 5, 2002 (Non Refueling Outage) and April 5, 2003 through May 11, 2003 (Closing of G1 following Refueling Outage) by Kewaunee Nuclear Power Plant and Lambert, MacGill, and Thomas, Inc.(LMT) examination personnel.

Examinations were performed to satisfy the requirements of:

- ASME Boiler and Pressure Vessel Code Section XI 1989 Edition
- ASME Boiler and Pressure Vessel Code Section XI 1995 Edition 1996 Addenda Appendix VIII Performance Demonstration for Ultrasonic Examination Systems as required by Code of Federal Regulations 10CFR50.55a(g)(6)(ii)(c) and Nuclear Regulatory Commission 10CFR Part 50 Federal Register/Vol.64, Number 183/September 22, 1999/Rules and Regulations
- United States Nuclear Regulatory Commission IE Bulletin 79-13 Rev.2 Cracking in Feedwater System Piping
- United States Nuclear Regulatory Commission Generic Letter 88-05 Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants
- United States Nuclear Regulatory Commission Regulatory Guide 1.14 Rev.1 Reactor Coolant Pump Flywheel Integrity
- Kewaunee Nuclear Power Plant OE Reports OE-15071 and OE 15222

The Inservice Inspection Program Plan and Augmented Inservice Inspection Program Plan located under Tab C was prepared by Nuclear Management Company, LLC - Kewaunee Nuclear Power Plant for the 3rd Interval: 3rd Period: 2nd Outage as identified in the Kewaunee Nuclear Power Plant Third 10-Year Inservice Inspection (ISI) Program 1994-2004. Examinations during this Refueling Outage were performed to continue the 3rd Interval: 3rd Period Examination Requirements of ASME Boiler and Pressure Vessel Code Section XI 1989 Edition and Kewaunee Nuclear Power Plant Third 10-Year Inservice Inspection (ISI) Program 1994-2004.

The following items were examined:

- Reactor Vessel Control Rod Drive Mechanisms and 3/4" Head Vent Line
- Regenerative Heat Exchanger Tubesheet to Shell Weld
- Reactor Coolant Pump Main Flange Bolting, Flange Surfaces and No. 1 Seal Housing Bolting
- Reactor Coolant Pump External Casing Weld and Casing Internal Surfaces
- Reactor Coolant Pump Flywheel
- Class 1 and Class 2 Piping Welds
- Class 1, Class 2 and Class 3 Piping and Component Supports and Hangers
- Class 1 and Class 2 Reactor Vessel Conoseal Bolting, Steam Generator Primary Side Manway Bolting, Pressurizer Manway Bolting, Flange Bolting and Valve Bonnet Bolting
- Preservice Examination of Class 1 Reactor Coolant Pump Main Flange Bolt
- Preservice Examination of Class 1 Piping Welds
- Preservice Examination of Class 1 Valve Bonnet Bolting
- Preservice Examination of Component Cooling Water Heat Exchangers 1A and 1B Supports
- Accumulator Tanks 1A and 1B 2", 1" and 3/4" Coupling Base Metal
- Class 1 System Leakage Test
- Class 2 and Class 3 System Inservice and Functional System Pressure Tests

EXAMINATIONS

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

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

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

RESULTS

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

Recordable Indications detected during the 2003 Refueling Outage are listed in Table 1 with a brief summary following. Specific data relative to all Recordable Indications and their dispositions by either corrective measures or acceptance by ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Acceptance Criteria, Repair/Replacement or Evaluation are located in Tab F of the Final Report.

TABLE 1

TYPE OR LOCATION OF ECORDABLE INDICATION (RI

RECORDABLE INDICATION (RI)	<u>METHOD</u>	NO. OF RPS
Reactor Vessel Conoseal Bolting	Visual (VT-3)	2 Conoseals
• Steam Generator Primary Manway Bolting	Visual (VT-1)	1 Stud
• 2" Piping Socket Weld	Surface (PT)	1 Weld
 Component Supports and Hangers 	Visual (VT-3)	12 Supports
• Piping Flange Bolting	Visual (VT-3)	3 Flanges
Valve Bonnet Bolting	Visual (VT-3)	6 Valves
System Pressure Tests	Visual (VT-2)	16 Items

A 0.375" long Linear Indication (identified as a Forging Lap) on 2" Socket Weld RTD-W70S 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 reduced in size under Work Order 03-004115 by light filing with a small file, reexamined and Accepted with a 0.100" Linear Acceptable ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWB-3514-2 Indication.

2. Visual (VT-1, VT-2 and VT-3) Indications recorded on Reactor Vessel Conoseal Bolting, Steam Generator Primary Side Manway Bolting, Piping Flange Bolting, Valve Bonnet Bolting, Component and Piping Supports and Hangers and during System Pressure Tests were: (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.

SUMMARY

An Inservice Inspection Program Plan was performed at the Kewaunee Nuclear Power Plant from May 8, 2002 through December 5, 2002 (Non Refueling Outage) and April 5, 2003 through May 11, 2003 (Closing of G1 following Refueling Outage) as scheduled in the Kewaunee Nuclear Power Plant Third 10-Year Inservice Inspection (ISI) Program 1994-2004 to continue examinations for the 3rd Interval; 3rd Period. A total of 41 Recordable Indications were detected. All Recordable Indications were Corrected or Accepted by ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Acceptance Criteria, Repair/Replacement or Evaluation.

Phillip C. Bukes May 12,2003
Phillip E. Bukes Date

Engineering Programs

Inservice Inspection Program Owner

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

То

Document Control Desk (NRC)

Examination Summary for Inservice Inspection (ISI) Class MC Program

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR POWER PLANT 1ST INTERVAL: 2ND PERIOD: 2ND OUTAGE 2003 EXAMINATION SUMMARY

INTRODUCTION

An Inservice Inspection (ISI) Program for the Class MC Reactor Building Containment Vessel was performed at the Kewaunee Nuclear Power Plant from April 5, 2003 through May 11, 2003 (Closing of G1 following Refueling Outage) by Kewaunee Nuclear Power Plant examination personnel.

Examinations were performed to satisfy the requirements of:

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

The Inservice Inspection Program Plan located under Tab C was prepared by Nuclear Management Company, LLC - Kewaunee Nuclear Power Plant for the 1st Interval: 2nd Period: 2nd Outage as identified in the Kewaunee Nuclear Power Plant First 10-Year Inservice Inspection (ISI) Program 1996-2006.

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

- Accessible Surface Areas
- Circumferential Weld
- Containment Penetration Bellows
- Airlocks
- Seals and Gaskets

EXAMINATIONS

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

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

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

RESULTS

Examinations resulted in No Recordable Indications being noted on the basis of procedure recording criteria, which are generally more restrictive than specified ASME Boiler and Pressure Vessel Code Section XI Acceptance Standards.

SUMMARY

An Inservice Inspection Program for the Class MC Reactor Building Containment Vessel was performed at the Kewaunee Nuclear Power Plant from April 5, 2003 through May 11, 2003 (closing of G1 following Refueling Outage). Examinations were performed as scheduled in the Kewaunee Nuclear Power Plant First 10-Year Inservice Inspection (ISI) Program 1996-2006. Examinations resulted in No Recordable Indications being noted on the basis of procedure recording criteria, which are generally more restrictive than specified ASME Boiler and Pressure Vessel Code Section XI Acceptance Standards.

Phillip C. Buken

Inservice Inspection Program Owner

Engineering Programs

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

To

Document Control Desk (NRC)

Examination Summary for Steam Generator Eddy Current



Kewaunee First ISI Steam Generator Inspection



Kewaunee R26 Eddy Current Summary Report April, 2003

1.0 Introduction

Kewaunee has completed its 26th refueling cycle (EOC) prior to this inspection. Westinghouse Electric Company was contracted to perform the first eddy current in-service inspection (ISI) of the newly replaced steam generators. The old Westinghouse 51-Model steam generators (SG) were replaced after the 25th fuel cycle with the second generation Westinghouse 54F model steam generators. These new model steam generators incorporate 690 Thermally Treated (TT) Inconel tubing and stainless steel quatrefoil tube support structures (TSP). Each steam generator contains 3592 tubes with an OD of 0.875" OD and a tube wall thickness of 0.050" and 3 chrome plated inconel anti-vibration bars (AVB). This report will concentrate on the eddy current inspection and results from the analysis.

2.0 Inspection

The inspection program for each of the two steam generated consisted of the following:

- 100% Full-length 720/700 -diameter bobbin coil of all opened tubes.
- 20% Hot Leg Top of Tubesheet (TTS) 720-diameter 3-Coil +Point RPC (+/- 2 inches)
- 20% U-Bend 680-diameter +Point RPC of row 1 (top TSP)
- RPC of all I-codes, dings/dents 5 volts or greater (special interest) and Possible Loose Parts (PLP's)

The eddy current testing began at 02:30 hours on April 17,2002 and the final closeout was completed at 10:18 hours on April 19, 2002.

Data Acquisition was performed simultaneously in each of the two steam generators using the Westinghouse Genesis manipulators, dual probe pushers, and the Zetec MIZ 30 eddy current testers. The data collection was performed mostly in the automatic mode utilizing the Westinghouse Eddynet software. All testing was performed in accordance with acquisition procedure NMC-400-002 and the parameters established within the Acquisition Examination Technique Specification Sheet (ETTS). The ETSS's established for this inspection were bobbin (NMC-ETSS-101), RPC +Point TTS (NMC-ETSS-102), and RPC +Point U-bends (NMC-ETSS-103).

Two independent analysis teams (Primary and Secondary) analyzed all the acquired data. The Primary analysis was performed in the manual mode and Secondary analysis in the automatic screening mode. A third analysis team (Resolution) resolved the discrepancies between these two teams. The resolution team consisted of representatives from both the primary (Westinghouse) and secondary (Zetec) analysis teams. The resolution team was located at the Kewaunee site and utilized the Zetec Eddynet software for resolution analysis for comparing the two independent analyses teams final results. The Primary analysts were located at the Westinghouse REDAC while the Secondary analysts located at the Zetec ZRAF. Both parties utilized the Zetec Eddynet software. All analysis was performed in accordance with the bobbin procedure (NMC-400-003), Rotating Coil procedure (NMC-400-004), Independent QDA procedure (NMC-400-006), and SSPD procedure (NMC-400-007).

Primary data management was performed utilizing the Zetec EIMS data management system and secondary data management system was performed by NMC HXR. All data management personnel were located at the Kewaunee site. The data management procedure utilized was NMC-400-005.



Kewaunee First ISI Steam Generator Inspection



3.0 Summary of Findings

There was no tube wall degradation detected during this inspection. No tubes needed to be repaired. Only a small number of benign signals caused by the manufacturing process and possible loose parts (PLP's) were observed and are listed below.

Manufacturing Imperfections

All reported bobbin freespan indications were reviewed and compared with the baseline history. Those bobbin free span indications that were detected in baseline and showed no change were reported as FSH. Those bobbin free span indications that either could not be detected in baseline or showed a change from baseline were identified with the appropriate FSI code to be further inspected with the +Point RPC. None of these freespan indications were indicative by RPC of a crack like morphology and thus requiring no tube repair action during this inspection. The total findings are listed below.

Possible Loose Parts

Since the baseline examination a number of signals of possible loose parts (PLP's) were reported by RPC probe during this inspection. All the signals reported were located in the vicinity of the top of the tubesheet. No indication of wear was associated with these PLP's. The total findings are listed below.

The following table summarizes the number of reportable signals from this inspection.

	SG A	SG B	TOTAL
FSI	1	1	2
FSH	0	3	3
DNG	10	20	30
DNT	8	0	8
BLG	0	2	2
GEO	2	2	4
PLP	8	21	29
Total	29	49	78

Definitions of Codes

FSI- Free Span Indication-Used by the resolution analyst for a free span indication that has been reviewed in the baseline data and determined that a change has occurred. RPC is required for deposition of the indication.

FSH- Free Span Indication- Used by the resolution analyst for a free span indication that has been reviewed in the baseline data and determined that a change has not occurred.

DNG- Ding- Condition where the tubing inside diameter has been reduced less than nominal. To be utilized for manufacturing dings reported by the bobbin probe two volts or greater.

DNT- Dent- Condition where the tubing inside diameter has been reduced less than nominal. To be utilized for inservice dents reported by the bobbin probe two volts or greater.

BLG-Bulge- Condition where the tubing inside diameter is greater than nominal. To be used for bulges reported by the bobbin probe two volts or greater.



Kewaunee First ISI Steam Generator Inspection



GEO- Geometry Change- Condition where a signal appears to be caused by a geometry change by the RPC probe. This code used for tracking purposes in future inspections.

PLP-Possible Loose Part- Indicates the possibility of foreign material on the secondary side of the steam generator as reported by the RPC probe.

U-Bend +Point Noise Comparison

A comparison study of noise characteristics in all 40 of the row 1 U-bends (20 in each SG) from 2003 Kewaunee tested with mid range +Point RPC and compared against the data from the virgin U-bend samples used in the EPRI Appendix H qualification for the mid range +Point coil (ETSS # 96511.1 and 96511.2). The results of the comparison showed that the measured noise levels in the Kewaunee low row U-bend data are less than the EPRI 96511.1 and 96511.2 avg. noise levels for all tubes tested in every case

The following table summarizes the Kewaunee average noise levels and compares them to the EPRI ETSS measurments:

KEWAUNEE 2003 LOW ROW U-BEND NOISE STUDY SUMMARY

Plus Point RPC noise Measurements performed with window open to one scan line wide. 100 % axial notch set to 35 degrees and 20 volts. Measurements of Vp-p (horizontal) and Vv-m (Vertical) max noise value in U-bend at Apex.

Combined Totals- 40 Row 1 Tubes S/G A and B

KEWAUNEE 2003 ROW 1 U-BENDS	400 kHz Vp-p	400 kHz Vv-m	300 kHz Vp-p	300 kHz Vv-m
AVG.	0.47	0.13	0.40	0.14
EPRI ETSS 96511 AVG.	1.22	0.41	1.09	0.40

4.0 Other References

- 1. Authorized Probe List Rev. 1 April 10, 2003
- 2. Steam Generator Degradation Assessment for Kewaunee R26 Refueling Outage February 2003 SG-SGDA-03-01 Rev. 0.
- 3. Appendix H Qualified Techniques at Kewaunee Spring 2003 S/G Inspection April 14,2003 MRS-TRC-1352.

Hele 7 Stock

William F. Stock Westinghouse Lead Analyst Eddy Current Level III

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

To

Document Control Desk (NRC)

Examination Summary for Nuclear Regulatory Commission Order EA-03-009

REVISION 1 KEWAUNEE NUCLEAR POWER PLANT 2ND OUTAGE; 3RD PERIOD; 3RD INTERVAL NRC ORDER EA-03-009

SUMMARY

In response to NRC Order EA-03-009, a Reactor Vessel Closure Head Bare Metal Visual Examination of the Forty (40) Reactor Pressure Vessel Head Control Rod Drive Mechanism Penetration Nozzles and one 3/4" Head Vent Penetration Nozzle was performed on April 13, 2003 with No Leakage noted. The Shroud and Insulation was completely removed to permit access. Examiners certified in VT-1, VT-2 and VT-3 Examination Methods to at least Level II, with additional training to the Electric Power Research Institute (EPRI) Visual Examination for Leakage of PWR Reactor Head Penetrations on Top of the RPV Head 1006296 Revision 1, performed the examinations.

High Intensity flashlights qualified to ASME Boiler and Pressure Vessel Code Section XI 1992 Edition 1992 Addenda were utilized in performance of the VT-1 and VT-3 Examinations.

The NIS-1 Owner's Report For Inservice Inspections, NRC Order EA-03-009, Drawings, Examination Results, Personnel and Equipment Certifications, Examination Procedures, Photographs and Lessons learned are included in this Report.

Phillip C. Bukes april 30,2003

Phillip E. Bukes

Inservice Inspection Program Owner

NUCLEAR MANAGEMENT COMPANY, LLC KEWAUNEE NUCLEAR PLANT DOCKET 50-305

August 6, 2003

Letter from Thomas Coutu (NMC)

To

Document Control Desk (NRC)

Summary of Examinations Which Were Limited by Geometric, Metallurgical, or Design/Access
Restrictions and Associated Data Sheets (8 Total)

Docket 50-305 NRC-03-082 August 6, 2003 Attachment 10, Page 1

20	2003 Summary of Limitations for 2 nd Outage, 3 rd Period, 3 rd Interval Inservice Inspection				
Year	Component Identification	Method of Examination	% Recorded As Not Examined and Limitation		
2003	Tubesheet to shell circumferential weld ARG-W11 on regenerative heat exchanger	UT	41.4%: Pipe clamp connected to rigid support bracket assembly		
2003	Branch connection weld RC-W50BC on loop B reactor coolant piping	UT	53.0%: Branch nozzle configuration		
2003	Circumferential weld SI-W75 on 12" diameter safety injection	UT	50.0%: Valve to elbow configuration		
2003	Circumferential weld SI-W119 on 12" diameter safety injection	UT	50.0%: Elbow to valve configuration		
2003	Circumferential weld SI-W47 on 6" diameter safety injection	UT	50.0%: Pipe to valve configuration		
2003	Circumferential weld SI-W29 on 6" diameter reactor coolant	UT	50.0%: Pipe to nozzle configuration		
2003	Circumferential weld RC-W19 on 27.5" ID reactor coolant	UT	54.0%: Reactor coolant pump to pipe configuration		

VISUAL EXAMINATION LIMITATION TO EXAMINATION RECORD
SYSTEM OR COMPONENT: REGENERATIVE HEAT EXCHANGER ARG
DRAWING NO.: MI- 1208
COMPONENT IDENTIFICATION: ARG-WII PROCEDURE: NEPNO. 15.17 REVISION: ORIG
ULTRASONIC: X LIQUID PENETRANT: MAGNETIC PARTICLE: VISUAL:
EXAMINER: J.T.mm III DATE: 4-25-03 LEVEL
EXAMINER: DATE: DATE:
SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE. No scan 5, scan 7 & 8 limited to weld and downstream base metal only, due to pipe clamp connected to rigid support bracket assembly. Scan 2, 7 & 8, also limited to 90% of length due to welded lugs around circumference of vessel. Reduced procedural coverage: 62.8% / Reduced code coverage: 41.4% AR G-W11 SCAN 2 SCAN 5

KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillip C	C. Bukes	DATE: april 25,2003
AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW:	logu Mynen	DATE: 4-25-03

WISCONSIN PUBLIC SERVICE CORPORATION KEWAUNEE NUCLEAR POWER PLANT ULTRASONIC, LIQUID PENETRANT, MAGNETIC PARTICLE AND VISUAL EXAMINATION LIMITATION TO EXAMINATION RECORD

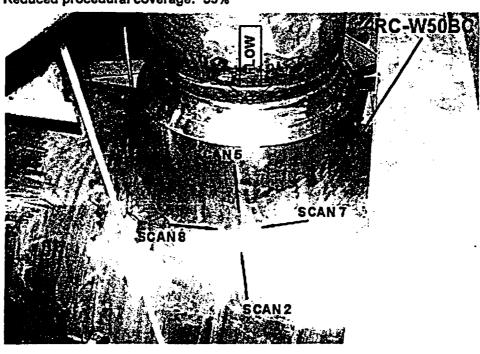
SYSTEM OR COMPONENT: REACTOR COOCANT PIPING LOOP B				
DRAWING NO.:ISIM -1704				
COMPONENT IDENTIFICATION: RC-W50BC	PROCEDURE: NEP No. 15.39 REVISION: Orig			
ULTRASONIC: X LIQUID PENETRANT:	MAGNETIC PARTICLE: VISUAL:			
EXAMINER: MM-M	DATE: 4/17/03			
EXAMINER: A.W. JENSEN ally	DATE: <u>4-17-03</u>			

PERCENTAGE OF REDUCED EXAMINATION COVERAGE.

No scan 2, scan 7 & 8 limited to weld and upstream base metal only, due to branch connection configuration.

SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND

Reduced procedural coverage: 53%



KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phil	les C. Bukes	DATE: april 22,2003
AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW:	hoge Mother	DATE: ¥-22-03

WISCONSIN PUBLIC SERVICE CORPORATION KEWAUNEE NUCLEAR POWER PLANT ULTRASONIC, LIQUID PENETRANT, MAGNETIC PARTICLE AND VISUAL EXAMINATION LIMITATION TO EXAMINATION RECORD

VISUAL EXAMINATION LIMITAT	ION TO EXAMINATION RECORD
FROM CNIMT PEN. SYSTEM OR COMPONENT: SI-FROM ACMTR 18 1	ID TO REACTOR TO LOOP B COLD LEG
DRAWING NO .: 151M - 938-1	
COMPONENT IDENTIFICATION: SI-W15	_ PROCEDURE: <u>NEP-15.41</u> REVISION: _A
ULTRASONIC: X LIQUID PENETRANT:	_ MAGNETIC PARTICLE: VISUAL:
EXAMINER: MM	T DATE: 4/18/03
EXAMINER: A.W. JENSEN alg	T DATE: 4-18-03 LEVEL
SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCA PERCENTAGE OF REDUCE	ATION, ORIENTATION, TYPE OF LIMITATION AND ED EXAMINATION COVERAGE.
No scan 5, scan 7 & 8 limited to weld and valve to elbow configuration. Reduced code coverage: 50% SI-W75 SCAN 8 SCAN 8	SCAN 5

NEWAUNEE NUCLEAR
POWER PLANT REVIEW: Phelles C. Bukes

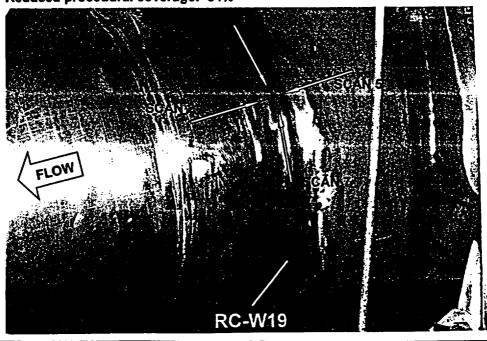
AUTHORIZED NUCLEAR
INSERVICE INSPECTOR REVIEW: Lyn Mynn DATE: 4-22-03

SYSTEM OR COMPONENT: SI - FROM ACCUMULATOR 1A TO LOOP A' COLD LEG				
DRAWIN	G NO.: 151M-935			
COMPON	NENT IDENTIFICATION: SI- WIIS	PROCEDURE: _	NEP -15.41 A	EVISION: A
ULTRAS	ONIC: Y LIQUID PENETRANT:	MAGNETIC PAF	RTICLE:	_ VISUAL:
EXAMINE	R: T.L. Devers TO	LEVEL	DATE:	4-21-03
L/ONIVINAL		LEVEL	DATE:	
SKETCH	TO PROVIDE: APPROXIMATE SIZE, LOC PERCENTAGE OF REDUC			LIMITATION AND
	FLOW SCAN 2	SI-WAP	scan 5	
		EC		
KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillip C Bukes AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: Royn Myrin DATE: 4-22-03				
INSERVIC	E INSPECTOR REVIEW: Kryn	7	DATE:	

SYSTEM OR COMPONENT: SAFETY INJECTION FROM CNIMIT PEN. 48 TO REACTOR				
DRAWING NO.:				
COMPONENT IDENTIFICATION: 51-ω47	PROCEDURE: NEP -	15.41 REVISION: A		
ULTRASONIC: X LIQUID PENETRANT:	_ MAGNETIC PARTICLE	E: VISUAL:		
EXAMINER: MM-M	DATI	E: <u>4/21/03</u>		
EXAMINER: NA	DATI	E: <u>NA</u>		
SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE.				
No scan 2, scan 7 & 8 limited to weld and upstream base metal only, due to pipe to valve configuration REDUCED CODE COVERAGE: 50% SCAN 8 SCAN 5				
		FLOW		
KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillips C. Bu	ikes	_ DATE: april 22,2003		
POWER PLANT REVIEW: Phillips C. But Authorized Nuclear Inservice Inspector Review: Rogan To	Vyneni	DATE: 4-22-03		

TIOUNE ENGLISHMENT TOTAL CHARLES	1011 10 270711		
SYSTEM OR COMPONENT: SI - FROM CNTMT	PEN. 28N TO ACM	ATRS AND COLD	LELT LOOPS
DRAWING NO.:			
COMPONENT IDENTIFICATION: RC - W29	_ PROCEDURE: _	<i>IEP-15.41</i> REVI	SION:A
ULTRASONIC: X LIQUID PENETRANT:	_ MAGNETIC PART	TICLE: V	ISUAL:
EXAMINER:	<u>疋</u> LEVEL	DATE: 4/.	21/03
EXAMINER:	<i>NA</i> LEVEL	DATE:	NA
SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCA PERCENTAGE OF REDUC			IITATION AND
	CAN 5	RC-W29	
KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillip C. Bulk AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: Roya My	es	DATE: 4	pul22,2003
AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: Roya My	5m	DATE:	4-22-03

ULTRASONIC, LIQUID PENETRANT, MAGNETIC PARTICLE AND VISUAL EXAMINATION LIMITATION TO EXAMINATION RECORD				
SYSTEM OR COMPONENT: BEACTOR COOLANT PIPING LOOP A				
DRAWING NO.: ISIM - 1703				
COMPONENT IDENTIFICATION: 6C-WIG PROCEDURE: NEP NO. 15.13 REVISION: A				
ULTRASONIC: X LIQUID PENETRANT: MAGNETIC PARTICLE: VISUAL:				
EXAMINER: A.W. JENSEN algu II DATE: 4-21-03 LEVEL				
EXAMINER: JULY DATE: 4/21/03 LEVEL				
LEVEL				
SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE.				
No scan 5, scan 7 & 8 limited to weld and downstream base metal only, due to pump to pipe configuration. Reduced procedural coverage: 54%				



KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phill	ys E. Bukes	DATE: <u>april 22, 2003</u>
AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: _	Ragar Motion	DATE: 4-22-03