

ATTACHMENT 1

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

FORM NIS-1 Owner's Report for Inservice Inspections

9709150090 970910
PDR ADDCK 05000305
Q PDR

GBNUCI N:\GROUP\NUCLEAR\WPFILES\LIC\NRC\ISISUMRT.WPD

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Reactor Vessel RV	Combustion Engineering	CE69202	U11480	21010
Pressurizer PZR	Westinghouse	1151	U11402	68-23
Steam Generator SG-1A	Westinghouse	1141	U11400	68-28
Steam Generator SG-1B	Westinghouse	1142	U11401	68-29
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-G01	---	---
Reactor Coolant Pump RCP-1B	Westinghouse	1B-2-618J871-G02	---	---
Residual Heat Exchanger AHRS1-1A	Joseph Oat and Sons	1817-1E	U11046	344

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Residual Heat Exchanger AHR2-1B	Joseph Oat and Sons	1817-1F	U11424	345
Charging Pump Pulsation Dampener APD-1A	Greer Hydraulics	GNI-1848	---	---
Charging Pump Pulsation Dampener APD-1B	Greer Hydraulics	GNI-1846	---	---
Charging Pump Pulsation Dampener APD-1C	Greer Hydraulics	GNI-1847	---	---
Seal Water Heat Exchanger AHSW	Atlas	734	U11404	596
Volume Control Tank VCT	Joseph Oat and Sons	1787-1C	U11425	376
Regenerative Heat Exchanger ARG	Joseph Oat and Sons	1831-13	U11409 U11410 U11411	413 414 415
Letdown Heat Exchanger AHLD	Atlas	1206	U11405	1031
Seal Water Injection Filter AFSI-1A	Commercial Filters	101072	---	1172

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENAMCE</u>	<u>MANUFACTURER OR IMSTALLER</u>	<u>MANUFACTURER OR IMSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD MO.</u>
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
Charging Pump APCH-1B Suction Stabilizer	Greer Hydraulics	GH1-10235	---	569
Charging Pump APCH-1C Suction Stabilizer	Greer Hydraulics	GH1-10236	---	570

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
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)	Young Radiator	2448568 & 2448557	---	---
Diesel Generator AHDG-1B Cooling Water Exchangers (2)	Young Radiator	2448569 & 2448588	---	---
Boric Acid Filter AFBA	AMF Cuno	122	---	2617
Boric Acid Transfer Pump APBT-1A	Gould Pumps	792A191-1	---	---
Boric Acid Transfer Pump APBT-1B	Gould Pumps	792A191-2	---	---

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Boric Acid Tank ATBA-1A	Joseph Oat and Sons	1877-1A	---	---
Boric Acid Tank ATBA-1B	Joseph Oat and Sons	1877-1B	---	---
Boric Acid Blender	Westinghouse	---	---	---
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	Senior	1357901	---	---
Reactor Coolant Pump RCPC-1B Lube Oil Cooler	Perfex Corporation	723701-2	---	4015
Class 3 Piping	Texas Pipe Bending	---	---	---

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Containment Fan Cooler AHCF-1A	Joy Manufacturing and American Air Filter	GF14402	---	---
Containment Fan Cooler AHCF-1B	Joy Manufacturing and American Air Filter	GF14399	---	---
Containment Fan Cooler AHCF-1C	Joy Manufacturing and American Air Filter	GF14401	---	---
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	---	---

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Safety Injection Pump Heat Exchangers (2) AHSC-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	H-5645-69	U11397	---
Accumulator Tank ACC-1B	Wyatt	H-5644-69	U11398	---
Containment Spray Pump APCS-1A	Ingersoll Rand	0670-74	---	---
Containment Spray Pump APCS-1B	Ingersoll Rand	0670-75	---	---

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Containment Spray Pump APCS-1A Gland Seal Cooler	Helliflow	49486938	---	---
Containment Spray Pump APCS-1B Gland Seal Cooler	Helliflow	6080694	---	---
Component Cooling Pump APCC-1A	Ingersoll Rand	0568-31	---	---
Component Cooling Pump APCC-1B	Ingersoll Rand	0867-309	---	---
Service Water Pump APSW-1A1	Worthington Pump	VTP27738	---	---
Service Water Pump APSW-1A2	Worthington Pump	VTP27736	---	---
Service Water Pump APSW-1B1	Worthington Pump	VTP27737	---	---
Service Water Pump APSW-1B2	Worthington Pump	75-TU-1719-1	---	---
Spent Fuel Pool Heat Exchanger AHSF	Struther Wells	1-68-06-1519	U11445	---
Main Steam Moisture Separator	Wright Austin	6230	X.R.	6008

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Spent Fuel Pool Pump APSF-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	S-15748-A	U11426	1139
Component Cooling Heat Exchanger AHCC2-1B	Engineers and Fabricators	S-15748-B	U11427	1140
Component Cooling Surge Tank ATCS	Sharpsville Steel	714	U11421	714

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

1. OWNER - WISCONSIN PUBLIC SERVICE CORPORATION, 700 NORTH ADAMS,
P.O. BOX 19001, GREEN BAY, WISCONSIN 54307-9001
2. PLANT - KEWAUNEE, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9510
3. PLANT UNIT - NO. 1
4. OWNER CERTIFICATE OF AUTHORIZATION - N/A
5. COMMERCIAL SERVICE DATE - JUNE 16, 1974
6. NATIONAL BOARD NUMBER FOR UNIT - N/A
7. COMPONENTS INSPECTED -

<u>COMPONENT OR APPURTENANCE</u>	<u>MANUFACTURER OR INSTALLER</u>	<u>MANUFACTURER OR INSTALLER SERIAL NO.</u>	<u>STATE OR PROVINCE NO.</u>	<u>NATIONAL BOARD NO.</u>
Control Room Air Conditioning Chiller 1A (Condenser)	Trane	VES110589	---	108982
Control Room Air Conditioning Chiller 1B (Condenser)	Trane	VES110591	---	108984

FORM NIS-1 (Back)

8. Examination Dates January 16, 1996 to June 13, 1997
9. Inspection Period Identification 1st
10. Inspection Interval Identification 3rd
11. Applicable Edition of Section XI 1989 Addenda None
12. Date/Revision of Inspection Plan March 24, 1997 Rev. 1
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference Tab C
14. Abstract of Results of Examinations and Tests. Reference Tab B and Tab F
15. Abstract of Corrective Measures. Reference Tab B and Tab F

Utilization of ASME Boiler and Pressure Vessel Code Section XI: Code Cases N-460, N-491 and N-496.

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

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

Date July 9, 1997 19 97 Signed Wisconsin Public Service By Charles G. School
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of WISCONSIN and employed by HARTFORD STEAM BOILER of HARTFORD CT. have inspected the components described in this Owner's Report during the period JANUARY 16, 1996 to JUNE 13, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Roger W. Wynn Commissions 187741 N, I, IS, A Wis 38 (100024)
Inspector's Signature National Board, State, Province, and Endorsements

Date July 9 19 97

ATTACHMENT 2

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

FORM NIS-2 Owner's Report for Repair or Replacements (60 Total)

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

1. Owner Wisconsin Public Service Corp. Date 06/16/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 202226
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code ASME III CLASS C Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AHLD(CLASS 2)	ATLAS	1206	1031	00060	1970	REPLACEMENT	Y

7. Description of Work CHECK TORQUE AND REPLACE GASKET ON THE CLASS 2 CHEMICAL AAND VOLUME CONTROL SYSTEM LETDOWN HEAT EXCHANGER.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 240 psi Test Temp. 100 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/16/97

Name of Component: AHLD(CLASS 2)

Work Request Number: 202226

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. Burke Plant Inservice Inspection Analyst
Owner or Owner's Designee, Title

Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. Gwin
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38/100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/21/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 205344

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-3B	TRW MISSION MANUFACTURING	50154	NA	ICS003-002	1970	REPLACEMENT	N

7. Description of Work REPLACE GASKETS ON CLASS 2 INTERNAL CONTAINMNET SPRAY SYSTEM 8" VALVE ICS-3B.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 30 psi Test Temp. 77 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/21/96

Name of Component: ICS-3B

Work Request Number: 205344

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 Phyllis C. Beker Plant Inspector Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Motwin Commissions NB7741, I, N, IS, A WIS 38/100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 12/05/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 207203

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-40	CROSBY VALVE & GAGE CO.	51036 M2	NA	CS015-001	1971	REPAIRED	N

7. Description of Work TEST SETPOINT, REBUILD AND ADJUST CHEMICAL AND VOLUME SYSTEM 3" VALVE CVC-40.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 21 psi Test Temp. 85 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/05/96

Name of Component: CVC-40

Work Request Number: 207203

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 Plant Inservice
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGowan Commissions NB7741, I. N. IS. A WIS 38 / 10024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/13/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 207381

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

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

7. Description of Work REPAIR BODY TO BONNET LEAK (REPLACE GASKET) ON CLASS 2 INTERNAL CONTAINMENT SPRAY SYSTEM 6" VALVE ICS-5B.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
Other Pressure 285 psi Test Temp. 83 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 06/13/96

Name of Component: ICS-5B

Work Request Number: 207381

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker Plant Inspector
Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matywin
Inspector's Signature
Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements
Date July 1, 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/21/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 207954

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

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

7. Description of Work REPAIR BODY TO BONNET LEAK (REPLACE GASKET) ON CLASS 2 INTERNAL CONTAINMENT SPRAY SYSTEM 6" VALVE ICS-6B.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 280 psi Test Temp. 85 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 06/21/96

Name of Component: ICS-6B

Work Request Number: 207954

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. Burkea Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matyus
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1, 19 97

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corp.

Date 06/18/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 208071

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FT-177 (23016)	BROOKS INSTRUMENT COMPANY	7008/45504/2	NA	23016	1970	REPAIRED	N

7. Description of Work REPAIR FLOW TRANSMITTER FT-177 (23016) IN 2" CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 34 psi Test Temp. 145 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/18/97

Name of Component: FT-177 (23016)

Work Request Number: 208071

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. Buker *Plant Inservice
Inspection Analyst*
Owner or Owner's Designee, Title

Date

July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGuin
Inspector's Signature

Commissions

NB7741, I, N, IS, A WIS 38 / 10024
National Board, State, Province, and Endorsements

Date

July 1, 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 05/30/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 208179

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

5. (a) Applicable Construction Code SEC. VIII DIV.1-1975

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APD-1A	GREER HYDRAULICS	GHI-1848	NA	07000	1975	REPLACEMENT	Y

7. Description of Work REPLACE DAMPENER SPRING ON CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1A PULSATION DAMPENER.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 2240 psi Test Temp. 160 deg. F

9. Remarks NOTE: TEST TEMPERATURE GREATER THAN 160 DEGREES F.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 05/30/96

Name of Component: APD-1A

Work Request Number: 208179

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. Burke Plant Inspector Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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: Roger McGinnis
Commissions: NB7741, I.N.I.S.A WIS 38/100024
National Board, State, Province, and Endorsements
Date: July 1, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 05/31/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 208180
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp N/A
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code SEC. VIII DIV.1-1975 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APD-1B	GREER HYDRAULICS	GHI-1848	N/A	07001	1975	REPLACEMENT	Y

7. Description of Work REPLACE DAMPENER SPRING ON CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1B PULSATION DAMPENER.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2240 psi Test Temp. 160 deg. F
9. Remarks NOTE: TEST TEMPERATURE GREATER THAN 160 DEGREES F.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 05/31/96

Name of Component: APD-1B

Work Request Number: 208180

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 N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matzner Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/03/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 208181

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-0001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

5. (a) Applicable Construction Code SEC. VIII DIV.1-1975

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APD-1C	GREER HYDRAULICS	GHI-1849	NA	07002	1975	REPLACEMENT	Y

7. Description of Work REPLACE DAMPENER SPRING ON CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1C PULSATION DAMPENER.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 2240 psi Test Temp. 160 deg. F

9. Remarks NOTE: TEST TEMPERATURE GREATER THAN 160 DEGREES F.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/03/96

Name of Component: APD-1C

Work Request Number: 208181

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 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: Roger M. Quinn
Commissions: NB7741, I. N. IS. A WIS 38/100024
National Board, State, Province, and Endorsements
Date: July 1, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 11/30/95
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 208391
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code NA Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-1C	AJAX IRON WORKS	6577	NA	00077	1967	REPAIRED	N

7. Description of Work REPLACED PLUNGER SEAL ASSEMBLIES ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1C
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2235 psi Test Temp. 117 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/30/95

Name of Component: APCH-1C

Work Request Number: 208391

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke Plant Inservice Inspection Analyst Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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 (Signature)

Commissions NB7741, I, N, IS, A WIS 38 / 100024 National Board, State, Province, and Endorsements

Date July 1, 19 97

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 Corp.</u> | Date <u>04/01/96</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>208694</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>N/A</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>33</u> Class 2 <u>SAFETY INJECTION</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>B16.5-1967</u> | Code Case <u>N/A</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-5B	ANCHOR VALVE COMPANY	9193-3/70	N/A	SI009-002	1970	REPAIRED	N

7. Description of Work REPAIR LEAK ON CLASS 2 6" SAFETY INJECTION VALVE SI-5B BY ADJUSTING VALVE PACKING. REMOVED PRESSURE RETAINING STUDS AND NUTS ONE AT A TIME TO PERFORM VT-3 VISUAL EXAMINATION FOR EVIDENCE OF DEGRADATION.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 04/01/96

Name of Component: SI-5B

Work Request Number: 208694

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 N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke Plant Insurence Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 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 Mjuntin Commissions NB7741, I, N. IS. A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 1 19 97

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 Corp.</u> | Date <u>11/30/95</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>208703</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>35</u> Class 2 <u>CHEMICAL AND VOLUME CONTROL</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME IIICLASS C 1965</u> | Code Case <u>N/A</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFSI-1A	COMMERCIAL FILTERS	101072	1172	00097	1969	REPLACEMENT	Y

7. Description of Work REPLACED THE FILTER ASSEMBLY ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION FILTER 1A
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2260 psi Test Temp. 116 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/30/95

Name of Component: AFSI-1A

Work Request Number: 208703

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bakes Plant Inspector
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. Mynier
Inspector's Signature
Commissions NB7741, I, N, IS, A WIS 100024
National Board, State, Province, and Endorsements
Date July 1 19 97

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 Corp.</u> | Date <u>06/18/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>208759</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>06</u> Class 2 <u>MAIN STEAM AND STEAM DUMP</u> | Expiration Date <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 <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
MS-100A	WILLIAM POWELL CO.	62413	NA	SD026-001	1972	REPAIRED	N

7. Description of Work PERFORM VALVE MAINTENANCE ON CLASS 2 MAIN STEAM AND STEAM DUMP 3" VALVE MS-100A

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 1000 psi Test Temp. 547 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/18/97

Name of Component: MS-100A

Work Request Number: 208759

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. Butera Plant Inservice
Inspection Analyst
Owner or Owner's Designee, Title

Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/21/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 209062

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp N/A

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

5. (a) Applicable Construction Code ASME III CLASS C 1965

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFSI-1A	COMMERCIAL FILTERS	101072	1172	00097	1969	REPLACEMENT	Y

7. Description of Work REPLACE THE FILTER ASSEMBLY ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION FILTER 1A.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 2240 psi Test Temp. 128 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 06/21/96

Name of Component: AFSI-1A

Work Request Number: 209062

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 N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burkea Plant Inservise Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Motz Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp. Date 03/19/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 209226
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code NA Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-1C	AJAX IRON WORKS	6577	NA	00077	1967	REPAIRED	N

7. Description of Work REPAIR PLUNGER SEAL ASSEMBLIES ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1C.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2240 psi Test Temp. 127 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 03/19/96

Name of Component: APCH-1C

Work Request Number: 209226

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 Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 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.

Logan McGinnis
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38/100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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 Corp.</u> | Date <u>04/01/96</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>209310</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>N/A</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>35</u> Class 2 <u>CHEMICAL AND VOLUME CONTROL</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME IIICLASS C 1965</u> | Code Case <u>NA</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFSI-1A	COMMERCIAL FILTERS	101072	1172	00097	1969	REPLACEMENT	Y

7. Description of Work REPLACE THE FILTER ASSEMBLY ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION FILTER 1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2240 psi Test Temp. 123 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 04/01/96

Name of Component: AFSI-1A

Work Request Number: 209310

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 N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke Plant Inspector Inspection Analyst Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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 Roger Matwini Commissions NB7741, I, N, IS, A WIS 38 / 100024 National Board, State, Province, and Endorsements

Date July 1, 19 97

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 Corp.</u> | Date <u>06/18/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>209490</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>05A</u> Class 2 <u>FEEDWATER</u> | Expiration Date <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 <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FW-13A	ATWOOD & MORRILL CO., INC.	NF	NA	F008-001	1972	REPAIRED	N

7. Description of Work DISASSEMBLE AND INSPECT CLASS 2 FEEDWATER SYSTEM 16" VALVE FW-13A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 846 psi Test Temp. 350 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/18/97
Name of Component: FW-13A
Work Request Number: 209490

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bures Plant Inservise Date July 1 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. M... Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements

Date July 1 19 97

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 Corp.</u> | Date <u>12/05/96</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>209491</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>23</u> Class 2 <u>CONTAINMENT SPRAY</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>B16.5-1967</u> | Code Case <u>NA</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

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

7. Description of Work DISASSEMBLE AND REPAIR CLASS 2 INTERNAL CONTAINMENT SPRAY SYSTEM 2" VALVE CI-1003.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure psi Test Temp. 300 deg. F
9. Remarks TEST PRESSURE UTILIZED IS STATIC HEAD OF REFUELING WATER STORAGE TANK. TEST TEMPERATURE UTILIZED IS DESIGN TEMPERATURE FROM SYSTEM DESCRIPTION.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)
Sheet 2 of 2

Date: 12/05/96

Name of Component: CI-1003

Work Request Number: 209491

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

Typo Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signod Phillip C. Burke Plant Inspector Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions NB7741, I, N. IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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 Corp.</u> | Date <u>06/18/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee WI 54216-9510</u> | Work Request Number <u>209492</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>N/A</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>35</u> Class 2 <u>CHEMICAL AND VOLUME CONTROL</u> | Expiration Date <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 <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-10	KEROTEST MFG CORP	NV-143	N/A	CS100-005	1973	REPAIRED	N

7. Description of Work DISASSEMBLE AND INSPECT CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE CVC-10.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2255 psi Test Temp. 548 deg. F
9. Remarks NOT APPLICABLE.CVC-205B

Applicable Manufacturer's Data Reports to be Attached

Date: 06/18/97

Name of Component: CVC-10

Work Request Number: 209492

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 N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker Plant Inspector Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Magnus
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1, 19 97

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 Corp.</u> | Date <u>06/18/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>209493</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>35</u> Class 1 <u>CHEMICAL AND VOLUME CONTROL</u> | Expiration Date <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 <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-205B	KEROTEST MANUFACTURING CORP	NU321	NA	CS100-001	1973	REPAIRED	N

7. Description of Work DISASSEMBLE AND INSPECT CLASS 1 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE CVC-205B.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2255 psi Test Temp. 547.6 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/18/97

Name of Component: CVC-205B

Work Request Number: 209493

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillips C. Buker *Plant Insurance
Inspection Analyst*
Owner or Owner's Designee, Title

Date July 1 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/24/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 209796
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp N/A
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code ASME IIICLASS C 1965 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFSI-1B	COMMERCIAL FILTERS	101073	1173	00098	1969	REPLACEMENT	Y

7. Description of Work OPEN CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION FILTER 1B TO VERIFY DIMENSIONS FOR FILTER REPLACEMENT.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2240 psi Test Temp. 128 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 06/24/96

Name of Component: AFSI-1B

Work Request Number: 209796

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

Typo Code Symbol Stamp N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke Plant Insurence
Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. Quinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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 Corp.</u> | Date <u>06/28/96</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>209900</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>02</u> Class 3 <u>SERVICE WATER</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>SECTION III-1989 ADD</u> | Code Case <u>N-416-1</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SW PIPE	USS TUBULAR PRODUCTS	NO7998	NA	NA	1990	REPLACEMENT	N

7. Description of Work WELDED REPLACEMENT OF CLASS 3 SERVICE WATER SYSTEM 3" PIPE UPSTREAM OF 3" VALVE SW-30B2.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 101 psi Test Temp. 53 deg. F
9. Remarks UTILIZATION OF ASME BOILER AND PRESSURE VESSEL CODE: CODE CASE N-416-1 (PER NRC APPROVAL OF RELIEF REQUEST RR-G-3).

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/28/96

Name of Component: SW PIPE

Work Request Number: 209900

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. Burke *Plant Inservice Inspection Analyst*
Owner or Owner's Designee, Title

Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. Moran
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 1100024
National Board, State, Province, and Endorsements

Date July 1, 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 09/16/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 209985

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

5. (a) Applicable Construction Code NA

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-1A	AJAX IRON WORKS	6578	NA	00075	1967	REPAIRED	N

7. Description of Work REPACK CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1A DUE TO PACKING/SEAL LEAKAGE.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 2250 psi Test Temp. 120 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 09/16/96

Name of Component: APCH-1A

Work Request Number: 209985

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bures *Plant Inspector*
Inspection Analyst
Owner or Owner's Designee, Title

Date

July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions

NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date

July 1, 19 97

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corp.

Date 06/18/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 210233

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

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

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SD-3A	FISHER CONTROLS CO.	4950741	NA	SD022-001	1969	REPAIRED	N

7. Description of Work REMOVE FOR BENCH REPAIR CLASS 2 MAIN STEAM AND STEAM DUMP 6" VALVE SD-3A.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 1000 psi Test Temp. 230 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/18/97
Name of Component: SD-3A
Work Request Number: 210233

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. Buker Plant Inspector
Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 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.

Logan Motz
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38/100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp. Date 03/21/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 210352
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code SEC.III CL2-1980 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 Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APSS-1A	GREER HYDRAULICS	GH1-10234	568	162-935	1981	REPAIRED	Y

7. Description of Work REBUILD CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1A SUCTION STABILIZER.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 4.5 psi Test Temp. 81 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 03/21/97

Name of Component: APSS-1A

Work Request Number: 210352

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. Burkea Plant Inservice
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Motwin
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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 Corp.</u> | Date <u>09/10/96</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>210433</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>35</u> Class 2 <u>CHEMICAL AND VOLUME CONTROL</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME III CLASS C 1965</u> | Code Case <u>NA</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1969</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFSI-1A	COMMERCIAL FILTERS	101072	1172	00097	1969	REPLACEMENT	Y

7. Description of Work REPLACE O-RING ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION FILTER 1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2240 psi Test Temp. 160 deg. F
9. Remarks TEST TEMPERATURE GREATER THAN 160 DEGREES F.

Applicable Manufacturer's Data Reports to be Attached

Date: 09/10/96

Name of Component: AFSI-1A

Work Request Number: 210433

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. Bukacinski Plant Inservive Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. [Signature] Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements

Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp. Date 12/05/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 210439
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code NA Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APCH-1A	AJAX IRON WORKS	6578	NA	00075	1967	REPAIRED	N

7. Description of Work REPACK CYLINDERS ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2240 psi Test Temp. 140 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 12/05/96

Name of Component: APCH-1A

Work Request Number: 210439

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. Buker Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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: Roger McGuire
Commissions: NB7741, I.N.I.S.A WIS 38/100024
National Board, State, Province, and Endorsements
Date: July 1, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 09/20/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 210528
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-4A	GRINNELL FIRE PROTECTION SYSTEMS CO.	NF	NA	CS033-007	1973	REPLACEMENT	N

7. Description of Work REPLACED BONNET AND DIAPHRAGM ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 3" VALVE CVC-4A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 20 psi Test Temp. 124 deg. F
9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 09/20/96

Name of Component: CVC-4A

Work Request Number: 210528

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bukes Plant Inspector Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ryan McGuire
Inspector's signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/16/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 210551

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

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

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SD-1B1	DRESSER INDUSTRIAL VALVE & INSTRUMENT	07884	NA	SD023-006	1970	REPAIRED	N

7. Description of Work REPAIR CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM 6" VALVE SD-1B1.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 1005 psi Test Temp. 547 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/16/97
Name of Component: SD-1B1
Work Request Number: 210551

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke Plant Inspector Date July 1 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Intymen
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corp.

Date 06/16/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 210552

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

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

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SD-1B2	DRESSER INDUSTRIAL VALVE & INSTRUMENT	07880	NA	SD023-007	1970	REPAIRED	N

7. Description of Work REPAIR CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM 6" VALVE SD-1B2.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 1005 psi Test Temp. 547 deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 06/16/97
Name of Component: SD-1B2
Work Request Number: 210552

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. Buker Plant Engineer
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Ryan McKin
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 /100024
National Board, State, Province, and Endorsements

Date July 1 19 97

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 Corp.</u>

<u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Date <u>06/16/97</u>

Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u>

<u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Unit <u>No. 1</u>

Work Request Number <u>210553</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u>

<u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Type Code Symbol Stamp <u>NA</u>

Authorization No. <u>NA</u> |
| 4. Identification of System <u>06</u> Class 2 <u>MAIN STEAM AND STEAM DUMP</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>B31.1-1967</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | Code Case <u>NA</u> |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SD-1B3	DRESSER INDUSTRIAL VALVE & INSTRUMENT	07876	NA	SD023-008	1970	REPAIRED	N

7. Description of Work REPAIR CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM 6" VALVE SD-1B3.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 1005 psi Test Temp. 547 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/16/97

Name of Component: SD-1B3

Work Request Number: 210553

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. Buker Plant Inservice Inspection Analyst Date July 1 19 97 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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. ... Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38/100024 National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/16/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 210656

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 36 Class 1 REACTOR COOLANT

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-103A	VELAN VALVE CORP.	NF	NA	RC009-001	1967	REPAIRED	N

7. Description of Work SEAL WELD BODY TO BONNET INTERFACE ON CLASS 1 REACTOR COOLANT SYSTEM 3" VALVE RC-103A.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 2255 psi Test Temp. 548 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/16/97
Name of Component: RC-103A
Work Request Number: 210656

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. Buker *Plant Inservice Inspection Analyst* Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinn Commissions NB7741, I, N, IS, A WIS 38 / 100034
Inspector's Signature National Board, State, Province, and Endorsements

Date July 2 19 97

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 Corp.</u> | Date <u>10/24/96</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>210735</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>33</u> Class 2 <u>SAFETY INJECTION</u> | Expiration Date <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 <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H78	ITT GRINNELL VALVE CO	NA	NA	NA	1974	REPAIRED	N

7. Description of Work REPAIR CLASS 2 SAFETY INJECTION SYSTEM HYDRAULIC SNUBBER RSI-H78.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 10/24/96

Name of Component: RSI-H78

Work Request Number: 210735

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. Beker Plant Inspector, Inspection Analyst Date July 1, 19 97 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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M... Inspector's Signature

Commissions NB7741, I.N.I.S.A WIS 38/100024 National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 10/24/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 210735
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 33 Class 2 SAFETY INJECTION Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H96	WISCONSIN PUBLIC SERVICE CORP.	NA	NA	NA	1982	REPAIRED	N

7. Description of Work REPAIR CLASS 2 SAFETY INJECTION INJECTION SYSTEM HYDRAULIC SNUBBER RSI-H96.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 10/24/96

Name of Component: RSI-H96

Work Request Number: 210735

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. Buker Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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 Logan McGuire Commissions NB7741, I, N, IS, A WIS 38/100024 National Board, State, Province, and Endorsements Date July 2, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 10/24/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 210740
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 23 Class 2 CONTAINMENT SPRAY Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-H8	ITT GRINNELL VALVE CO	NA	NA	NA	1971	REPAIRED	N

7. Description of Work REPAIR CLASS 2 INTERNAL CONTAINMENT SPRAY SYSTEM HYDRAULIC SNUBBER ICS-H8.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 10/24/96
Name of Component: ICS-H8
Work Request Number: 210740

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 *Plant Inservicer*
Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matzwin
Inspector's Signature

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

Date July 2 19 97

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corp.

Date 10/24/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 210741

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 31 Class 3 COMPONENT COOLING

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RAC-H21	ITT GRINNEL VALVE COMPANY	NA	NA	NA	1971	REPAIRED	N

7. Description of Work REPAIR CLASS 3 AUXILIARY COOLANT SYSTEM HYDRAULIC SNUBBER RAC-H21.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE

Applicable Manufacturer's Data Reports to be Attached

Date: 10/24/96

Name of Component: RAC-H21

Work Request Number: 210741

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. Bukacinski Plant Inspector Date July 1 19 97
Inspector's Title Inspection Analyst
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 this Owner's Report during the period July 1, 1997 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matyus Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 10/24/96

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 210742

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 34 Class 2 RESIDUAL HEAT REMOVAL

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-H49	ITT GRINNELL VALVE CO	NA	NA	NA	1973	REPAIRED	N

7. Description of Work REPAIR CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM HYDRAULIC SNUBBER RHR-H49.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 10/24/96

Name of Component: RHR-H49

Work Request Number: 210742

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. Buker Plant Inspector Inspection Analyst Date July 1, 19 97 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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38/100024 National Board, State, Province, and Endorsements

Date July 2, 19 97

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 Corp.</u> | Date <u>06/25/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>210849</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>05A</u> Class 2 <u>FEEDWATER</u> | Expiration Date <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 <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
TPB FW-45	TEXAS PIPE BENDING	287469	NA	NA	1969	REPAIRED	N

7. Description of Work REPAIR INDICATIONS ON CLASS 2 16" FEEDWATER PIPING BETWEEN 16" VALVE FW-12A AND PENETRATION 7W.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 844 psi Test Temp. 350 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/25/97

Name of Component: TPB FW-45

Work Request Number: 210849

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke Plant Inservice Inspection Analyst Date July 1, 19 97
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 of Wisconsin and employed by Hartford Steam Boiler Inspection and Ins. Co. of Hartford, CT have inspected the components described in this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger M. Quinn
Inspector's Signature

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

Date July 2, 19 97

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 Corp.</u> | Date <u>06/16/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>211202</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>N/A</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>36</u> Class 1 <u>REACTOR COOLANT</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME III CLASS A</u> | Code Case <u>N-496</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
PZR	WESTINGHOUSE	1151	68-23	00041	1968	REPAIRED	Y

7. Description of Work REPAIR CLASS 1 REACTOR COOLANT SYSTEM PRESSURIZER MANWAY.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2255 psi Test Temp. 548 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)
Sheet 2 of 2

Date: 06/16/97

Name of Component: PZR

Work Request Number: 211202

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 N/A

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bukoa Plant Inservice Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGovern
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38/100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/23/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 211346
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 02 Class 3 SERVICE WATER Expiration Date NA
5. (a) Applicable Construction Code SECTION III-1989 Code 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SW SPOOL PIECE	DUBOSE STEEL	26513	NA	NA	1991	REPLACEMENT	N

7. Description of Work WELDED INSTALLATION OF 10" ORIFICE PLATE ON ONE TRAIN AND 3/4" TAP ON EACH TRAIN (2) OF CLASS 3 SERVICE WATER SYSTEM 10" SERVICE WATER RETURN PIPING FROM CONTAINMENT FAN COILS.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 90 psi Test Temp. 50 deg. F
9. Remarks UTILIZATION OF ASME BOILER AND PRESSURE VESSEL CODE: CODE CASE N-416-1 (PER NRC APPROVAL OF RELIEF REQUEST RR-G-3).

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/23/97

Name of Component: SW SPOOL PIECE

Work Request Number: 211346

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. Burkea Plant Insurence Date July 1 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinn Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 2 19 97

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corp.

Date 04/25/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 211467

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

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

7. Description of Work REPAIR CLASS 2 CONTAINMENT SPRAY VALVE 2" CI-1003.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 50 psi Test Temp. 72 deg. F

9. Remarks TEST PRESSURE UTILIZED WAS OPERATING PRESSURE (STATIC HEAD) OF REFUELING WATER STORAGE TANK FROM SYSTEM DESIGN.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 04/25/97

Name of Component: CI-1003

Work Request Number: 211467

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker *Plant Inspector* Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 03/07/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 211507
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-H84	ITT GRINNELL VALVE CO.	NA	NA	NA	1974	REPAIRED	N

7. Description of Work REPAIR CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM HYDRAULIC SNUBBER CVC-H84 DUE TO RESERVOIR FLUID LEAKAGE.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 03/07/97

Name of Component: CVC-H84

Work Request Number: 211507

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. Buker Plant Inspector Date July 1 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 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 M. Quinn
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 03/07/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 211531

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 33 Class 2 SAFETY INJECTION

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H2	ITT GRINNELL VALVE CO.	NA	NA	NA	1974	REPAIRED	N

7. Description of Work REPAIR CLASS 2 SAFETY INJECTION SYSTEM HYDRAULIC SNUBBER RSI-H2 DUE TO LOW RESERVOIR FLUID.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 03/07/97

Name of Component: RSI-H2

Work Request Number: 211531

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. Burkea Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGuen
Inspector's Signature

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

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/16/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 211728
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

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

7. Description of Work REMOVE AND TEST CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2" VALVE LD-13.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 30 psi Test Temp. 95 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/16/97

Name of Component: LD-13

Work Request Number: 211728

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker Plant Insurance Inspection Analyst Date July 1 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGovern Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024 National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/11/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42, Kewaunee, WI 54216-9510

Work Request Number 211729

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

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

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

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 250 psi Test Temp. 73 deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/11/97

Name of Component: LD-5

Work Request Number: 211729

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. Burkea Plant Inservuce
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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 Wolynski
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/16/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 211821
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 06 Class 2 MAIN STEAM AND STEAM DUMP Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
MS-1A	SCHUETTE & KOERTING CO.	NF	NA	SD024-001	1970	REPAIRED	N

7. Description of Work OPEN FOR INSPECTION CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM 30" VALVE MS-1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 880 psi Test Temp. 531 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/16/97

Name of Component: MS-1A

Work Request Number: 211821

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. Buker Plant Inspector Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Magnus Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/16/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 211846
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 06 Class 2 MAIN STEAM AND STEAM DUMP Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
MS-1B	SCHUTTE & KOERTING CO.	NF	NA	SD024-002	1970	REPAIRED	N

7. Description of Work OPEN FOR INSPECTION CLASS 2 MAIN STEAM AND STEAM DUMP SYSTEM FOR 30" VALVE MS-1B.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 880 psi Test Temp. 547 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/16/97

Name of Component: MS-1B

Work Request Number: 211846

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 Plant Inservise Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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 (handwritten signature)

Commissions NB7741, I, N, IS, A WIS 38 / 100024 National Board, State, Province, and Endorsements

Date July 2, 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 06/07/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 211949

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-H3	ITT GRINNELL VALVE CORP.	NA	NA	NA	1971	REPAIRED	N

7. Description of Work REPAIR CLASS 2 INTERNAL CONTAINMENT SPRAY HANGER ICS-H3 BY ADDING BOLT, TIGHTENING BOLTS AND INSTALLING SPACERS.

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

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/07/97

Name of Component: ICS-H3

Work Request Number: 211949

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. Buker Plant Inservice Date July 1, 19 97
Inspection Analyst
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGovern
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 05/28/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 211998

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 05B Class 2 AUXILIARY FEEDWATER

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FDW-H99	ITT GRINNELL	NA	NA	NA	1988	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" HANGER FDW-H99 BY TIGHTENING LOOSE BOLT.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure _____ psi Test Temp. _____ deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 05/28/97

Name of Component: FDW-H99

Work Request Number: 211998

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. Buker Plant Inservice Inspection Analyst Owner or Owner's Designee, Title Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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 (Signature)

Commissions NB7741, I, N, IS, A WIS 38 / 100024 National Board, State, Province, and Endorsements

Date July 2, 19 97

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

As Required by the Provisions of the ASME Code Section XI

1. Owner Wisconsin Public Service Corp.

Date 05/28/97

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number 211998

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 05B Class 2 AUXILIARY FEEDWATER

Expiration Date NA

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

Code Case NA

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
FDW-H100	ITT GRINNELL	NA	NA	NA	1988	REPAIRED	N

7. Description of Work REPAIR CLASS 2 AUXILIARY FEEDWATER SYSTEM 3" HANGER FDW-H100 BY REPLACING JAM NUT.

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure psi Test Temp. deg. F

9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 05/28/97

Name of Component: FDW-H100

Work Request Number: 211998

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. Burkea Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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: [Signature] Commissions: NB7741, I, N, IS, A WIS 38/100024 National Board, State, Province, and Endorsements
Date: July 2, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/16/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 212125
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code B31.1-1967 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
CVC-214	GRINNELL FIRE PROTECTION SYSTEMS CO.	NF	NA	CS033-002	1973	REPLACEMENT	N

7. Description of Work REPLACE DIAPHRAGM ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM 3" VALVE CVC-214.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 39 psi Test Temp. 130 deg. F
9. Remarks TEST TEMPERATURE UTILIZED IS OPERATING TEMPERATURE FROM SYSTEM DESCRIPTION.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/16/97

Name of Component: CVC-214

Work Request Number: 212125

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. Burke Plant Inservice Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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.

Logan McGuire
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/12/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 212185
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code ASME III CLASS C Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AHLD(CLASS 2)	ATLAS	1206	1031	00060	1970	REPAIRED	Y

7. Description of Work REPAIR CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM LETDOWN HEAT EXCHANGER BY SEAL WELDING INSTALLED PLUGS.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 240 psi Test Temp. 100 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/12/97

Name of Component: AHLD(CLASS 2)

Work Request Number: 212185

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. NA Expiration Date NA

Signed Phillip C. Buker Plant Inservise Inspection Analyst Date July 1 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matquin Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024 National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/30/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number 212298
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code SEC.III CL2-1980 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 Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
APSS-1C	GREER HYDRAULICS	GH1-10236	570	162-937	1981	REPAIRED	Y

7. Description of Work REBUILD CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM CHARGING PUMP 1C SUCTION STABILIZER.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 25 psi Test Temp. 115 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/30/97

Name of Component: APSS-1C

Work Request Number: 212298

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. Burkea Plant Inservice Inspection Analyst
Owner or Owner's Designee, Title

Date July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, 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.

Royce Matymin
Inspector's Signature

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

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp.

Date 11/30/95

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

Unit No. 1

N490 HWY 42 Kewaunee, WI 54216-9510

Work Request Number Act. No.23-056

3. Work Performed By Wisconsin Public Service Corp.

Type Code Symbol Stamp NA

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001

Authorization No. NA

4. Identification of System 23 Class 2 CONTAINMENT SPRAY

Expiration Date NA

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

Code Case N/A

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ICS-4A	TRW MISSION MANUFACTURING	47571	NA	ICS004-003	1970	REPAIRED	N

7. Description of Work INSPECT INTERNALS OF 6" INTERNAL CONTAINMENT SPRAY SYSTEM VALVE ICS-4A

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt

Other Pressure 275 psi Test Temp. 300 deg. F

9. Remarks TEST TEMPERATURE UTILIZED IS DESIGN TEMPERATURE FROM SYSTEM DESCRIPTION.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/30/95

Name of Component: ICS-4A

Work Request Number: Act. No. 23-056

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. Bukec Plant Inservuce
Inspection Analyst Date July 1, 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions NB7741, I. N. I. S. A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/18/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number CMP 36-007
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 36 Class 1 REACTOR COOLANT Expiration Date NA
5. (a) Applicable Construction Code ASME III-1968 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

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

7. Description of Work REMOVE CLASS 1 REACTOR COOLANT SYSTEM 6" VALVE PR-3A FOR TESTING.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2255 psi Test Temp. 547.6 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/18/97

Name of Component: PR-3A

Work Request Number: CMP 36-007

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bikes Plant Inservice
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGuire
Inspector's Signature

Commissions NB7741, I. N. IS. A WIS 38 / 100024
National Board, State, Provincia, and Endorsements

Date July 2 19 97

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 Corp.</u>

<u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Date <u>06/18/97</u>

Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u>

<u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Unit <u>No. 1</u>

Work Request Number <u>CMP 36-007</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u>

<u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Type Code Symbol Stamp <u>NA</u>

Authorization No. <u>NA</u> |
| 4. Identification of System <u>36</u> Class 1 <u>REACTOR COOLANT</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME III-1968</u>

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | Code Case <u>NA</u> |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
PR-3B	CROSBY, ASHTON GAGE COMPANY	NF	NA	RC008-002	1972	REPAIRED	N

7. Description of Work REMOVE CLASS 1 REACTOR COOLANT SYSTEM 6" VALVE PR-3B FOR TESTING.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure 2255 psi Test Temp. 547.6 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/18/97

Name of Component: PR-3B

Work Request Number: CMP 36-007

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. Buker *Plant Inservice
Inspection Analyst*
Owner or Owner's Designee, Title

Date

July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions

NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date

July 2, 19 97

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

1. Owner Wisconsin Public Service Corp. Date 12/05/96
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number PMP-35-10
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class NC CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code ASME SECTION VIII Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
ATBA-1A	JOSEPH OAT & SONS	1877-1A	NA	00090	1970	REPLACEMENT	N

7. Description of Work REPLACE HEATERS ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM BORIC ACID TANK 1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure psi Test Temp. 160 deg. F
9. Remarks TEST PRESSURE UTILIZED IS STATIC HEAD OF BORIC ACID TANK 1A.

Applicable Manufacturer's Data Reports to be Attached

Date: 12/05/96

Name of Component: ATBA-1A

Work Request Number: PMP-35-10

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bukes *Plant Inspector*
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGinnis
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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

1. Owner Wisconsin Public Service Corp. Date 06/18/97
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Sheet 1 of 2
2. Plant Kewaunee Nuclear Power Plant Unit No. 1
N490 HWY 42 Kewaunee, WI 54216-9510 Work Request Number PM 35-175
3. Work Performed By Wisconsin Public Service Corp. Type Code Symbol Stamp NA
700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001 Authorization No. NA
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date NA
5. (a) Applicable Construction Code ASME III CLASS C 1965 Code Case NA
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFSI-1B	COMMERCIAL FILTERS	101073	1173	00098	1969	REPLACEMENT	Y

7. Description of Work REPLACE THE FILTER ASSEMBLY ON CLASS 2 CHEMICAL AND VOLUME CONTROL SYSTEM SEAL WATER INJECTION FILTER 1B.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
 Other Pressure 2240 psi Test Temp. 90 deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/18/97

Name of Component: AFSI-1B

Work Request Number: PM 35-175

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker ^{Plant Inservice} Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger McGuire Commissions NB7741, I, N, IS, A WIS 38 / 100024
Inspector's Signature National Board, State, Province, and Endorsements
Date July 2 19 97

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 Corp.</u> | Date <u>06/16/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>PM 36-064</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>36</u> Class 1 <u>REACTOR COOLANT</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME III CL. A-1966</u> | Code Case <u>NA</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SG-1A (CLASS 1)	WESTINGHOUSE	1141	68-28	134-031	1966	REPAIRED	Y

7. Description of Work INSTALL WELD AND MECNICAL PLUGS FOR REMOVAL OF TUBES FROM SERVICE, INSTALL TUBESHEET PLUGS IN PRIMARY SIDE HOTLEG AND INSTALL SLEEVES AND WELDS IN PRIMARY SIDE HOTLEG IN THE CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1A.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

Date: 06/16/97

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

Work Request Number: PM 36-064

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. Buker Plant Inservice
Inspection Analyst Date July 1 19 97
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 this Owner's Report during the period July 1, 1995 to June 30, 1997 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Matymin
Inspector's Signature

Commissions NB7741, I, N, IS, A WIS 38 / 100024
National Board, State, Province, and Endorsements

Date July 2 19 97

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 Corp.</u> | Date <u>06/16/97</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Sheet <u>1</u> of <u>2</u> |
| 2. Plant <u>Kewaunee Nuclear Power Plant</u> | Unit <u>No. 1</u> |
| <u>N490 HWY 42 Kewaunee, WI 54216-9510</u> | Work Request Number <u>PM 36-066</u> |
| 3. Work Performed By <u>Wisconsin Public Service Corp.</u> | Type Code Symbol Stamp <u>NA</u> |
| <u>700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001</u> | Authorization No. <u>NA</u> |
| 4. Identification of System <u>36</u> Class 1 <u>REACTOR COOLANT</u> | Expiration Date <u>NA</u> |
| 5. (a) Applicable Construction Code <u>ASME III CLA-1966</u> | Code Case <u>NA</u> |
| (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u> | |
| 6. Identification of Components Repaired or Replaced and Replacement Components | |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SG-1B (CLASS 1)	WESTINGHOUSE	1142	68-29	134-032	1968	REPAIRED	Y

7. Description of Work INSTALL WELDS AND MECHANICAL PLUGS FOR REMOVAL OF TUBES FROM SERVICE AND INSTALL TUBE SHEET PLUGS IN PRIMARY SIDE HOTLEG IN CLASS 1 REACTOR COOLANT SYSTEM STEAM GENERATOR 1B.
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt
- Other Pressure psi Test Temp. deg. F
9. Remarks NOT APPLICABLE.

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 06/16/97

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

Work Request Number: PM 36-066

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bures *Plant Inservice
Inspection Analyst*
Owner or Owner's Designee, Title

Date

July 1, 19 97

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 this Owner's Report during the period July 1, 1995 to June 30, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Metzger
Inspector's Signature

Commissions

NB7741, I, N, IS, A WIS 38 / 10024
National Board, State, Province, and Endorsements

Date

July 2 19 97

ATTACHMENT 3

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

Examination Summary for Scheduled and Augmented Inservice Inspection
Program

**WISCONSIN PUBLIC SERVICE CORPORATION
KEWAUNEE NUCLEAR POWER PLANT
3RD INTERVAL: 1ST PERIOD: 2ND OUTAGE
1996-1997
EXAMINATION SUMMARY**

INTRODUCTION

An Inservice Inspection (ISI) Program (Scheduled and Augmented) was performed at the Kewaunee Nuclear Power Plant from January 16, 1996 thru June 26, 1996 (Non Refueling Outage), September 21, 1996 thru June 12, 1997 (Closing of GI following Refueling Outage extended by Steam Generator Tubing Repair) and June 13, 1997 by Kewaunee Nuclear Power Plant; Lambert, MacGill, and Thomas, Inc. (LMT); and Professional Welding Associates (PWA) examination personnel.

Examinations were performed to satisfy the requirements of:

- o ASME Boiler and Pressure Vessel Code Section XI 1989 Edition
- o United States Nuclear Regulatory Commission Generic Letter 88-05
- o United States Nuclear Regulatory Commission IE Bulletin 79-13
- o United States Nuclear Regulatory Commission Regulatory Guide 1.14 Rev.1
- o Kewaunee Nuclear Power Plant Nuclear Regulatory Commission Commitment Tracking No.95-046

The Inservice Inspection Program Plan and Augmented Inspection Program Plan located under Tab C was prepared by Wisconsin Public Service Corporation-Kewaunee Nuclear Power Plant For the 3rd Interval: 1st 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 complete the 3rd Interval: 1st Period Examination Requirements of ASME Boiler and Pressure Vessel Code Section XI and Kewaunee Nuclear Power Plant Third 10-Year Inservice Inspection (ISI) Program 1994-2004.

The following items were examined:

- o Reactor Vessel Upper and Lower Internals
- o Steam Generators Tubesheet to Head Weld, Nozzle Inside Radius Sections and Shell Circumferential Weld
- o Regenerative Heat Exchanger Head and Tubesheet to Shell Welds
- o Reactor Coolant Pump Flywheel
- o Steam Generator Feedwater Nozzle to Pipe Welds

- o Class 1 Nozzle to Safe End Butt Weld
- o Class 2 Piping Socket and Branch Connection Welds
- o Class 1, Class 2 and Class 3 Piping Supports and Hangers
- o Class 1 and Class 2 Pressurizer Manway Bolting, Flange Bolting and Valve Bonnet Bolting
- o Class 1 System Leakage Test
- o 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 1996-1997 Refueling Outage are listed in Table I 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 I

<u>TYPE OR LOCATION OF RECORDABLE INDICATION (RI)</u>	<u>METHOD</u>	<u>NO. OF RI'S</u>
Steam Generator Circumferential Weld	Ultrasonic (UT)	1 Weld
Class 2 Feedwater Piping	Ultrasonic (UT)	2 Welds
Class 2 Feedwater Piping	Radiography (RT)	1 Weld
Valve Bonnet Bolting	Visual (VT-3)	4 Valves
Flange Bolting	Visual (VT-3)	1 Flange
Manway Bolting	Visual (VT-3)	1 Manway
Piping Supports and Hangers	Visual (VT-3)	1 Support
System Pressure Tests	Visual (VT-2)	45 Items

1. Ultrasonic Recordable Indications, previously documented, on Steam Generator 1B Weld SG-W10 were noted during performance of Manual Ultrasonic Examinations. All Ultrasonic indications with recorded dimensions that exceeded the limits specified in ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Table IWC-3510-1 were shown to be Acceptable by analysis. The Analytical Evaluation is documented in Westinghouse Electric Corporation WCAP-11476 Rev.3 "Handbook on Flaw Evaluation Kewaunee Unit 1 Steam Generators Upper Shell to Cone Weld" Dated May 1991 and Kewaunee Nuclear Power Plant "Evaluation of NDE Indications Recorded During Ultrasonic Examination of the "B" Steam Generator Girth Weld" Dated November 1996.

2. Recordable Indications, previously noted in 1995, were recorded during Automated Ultrasonic and Radiography examinations of the Class 2 Feedwater Nozzle to Pipe Welds FW-W29 and FW-W57. Reexaminations during the 1996-1997 Refueling Outage were performed to satisfy Kewaunee Nuclear Power Plant Nuclear Regulatory Commission Commitment Tracking No.95-046. The indications recorded on FW-W29 and FW-W57 were accepted thru Analytical Evaluation as permitted by ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Paragraphs IWB-3142.4, IWB-3600 and IWC-3600. The Analytical Evaluation is documented in Westinghouse Electric Corporation WCAP-14359 Rev.2 Structural Integrity Evaluation for The Feedwater Nozzle to Pipe Weld Region of the Kewaunee Nuclear Plant.

As required by ASME Boiler and Pressure Vessel Code Section XI 1989 Edition Paragraph IWC-2420 "Successive Inspections" Feedwater Nozzle to Pipe Welds FW-W29 and FW-57 will be ultrasonically examined with Automated Equipment and by Radiographic examination methods during the 1998 Refueling Outage.

ATTACHMENT 4

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

Steam Generator Synopsis for Eddy Current Examinations and Repairs

June 9, 1997

SP-36-084 File

cc (w/o tables)	CR Steinhart	KH Evers
	ML Marchi	DJ Ropson
	CA Schrock	CS Smoker
	SL Bernhoft	DJ Molzahn

STEAM GENERATOR SYNOPSIS - 9/96 THROUGH 5/97

This memo is to document the examination and repairs performed on the A and B steam generators during the extended 1996 refueling outage. This memo will serve to provide detailed repair information for various uses, as well as to simplify future exploration into the SP-36-084 file, which has become quite massive.

The examination and repairs will be presented in chronological order for each of the two steam generators.

STEAM GENERATOR A

Plug Removal

Direction was provided to Westinghouse to remove plugs installed in 1994 and 1995 by ABB Combustion Engineering for indications in the HEJ sleeve joints. It was hoped that these tubes could be returned to service under the newly received "delta-D" Technical Specification amendment.

WPSC provided authorization to remove plugs from a total of 477 tubes. Initial authorization was for 124 tubes (PORC 96-070), with the remaining 353 tubes authorized at a later date. Due to the number of HEJ indications identified and the lack of success with the delta-D criteria, the full tube removal scope was not achieved, per WPSC direction. Of the 477 tubes authorized for plug removal, 374 tube locations had plug removal attempted

Of the 374 tubes attempted, plug removal was successful on 369 tubes. Five tubes (R13C13, R6C15, R32C32, R31C58, R32C63) were subsequently plugged as a result of unsuccessful plug removal attempts.

Only 25 of the 369 tubes met the delta-D TS criteria (6.8%). The remaining 344 tubes, with the exception of one tube (R2C21), were placed on the laser weld repair (LWR) list (PORC 96-100, 102, 103). R2C21 was removed for laboratory analysis prior to LWR being performed (PORC 96-88). In addition, R1C21 was plugged to facilitate removal of R2C21.

Table 1 contains the specific data for each plug removal location.

Eddy Current Examinations

Eddy current examinations included the following:

- 1) 100% bobbin coil examination of all non-repaired tubing, from tube end to tube end (915 tubes)
- 2) 100% bobbin coil examination of all repaired (sleeved) tubing, from top of sleeve hot leg to tube end cold leg (1714 tubes)
- 3) 100% plus point RPC examination of inservice and deplugged HEJ sleeves, from the top of the sleeve to ~6 inches below the top of the HEJ (1690 tubes).
- 4) 100% plus point RPC examination of inservice ABB welded sleeves, from the top of the sleeve to ~6 inches below the top of the sleeve (12 tubes).
- 5) 3% plus point RPC examination of inservice HEJ sleeve straight lengths (60 tubes).
- 6) 100% plus point RPC of open row 1 and row 2 U-bends, from 07H to 07C. (118 tubes)
- 7) 20% plus point RPC of open row 3 U-bends, from 07H to 07C (16 tubes).
- 8) 100% RPC examination of all non-sleeved tubes, from tube end hot to ~6 inches above the secondary face of the tubesheet. (915 tubes)
- 9) 100% plus point RPC examination of all welded repairs and newly installed sleeves (1649 tubes).
- 10) Bobbin coil re-baseline examination of all resleeved tube locations (387 tubes).
- 11) Augmented RPC testing at TSP intersections, as required by APC requirements.
- 12) Supplemental eddy current diagnostic testing during the resleeving process.

Detailed examination results for SG A are contained in the Westinghouse field service reports. Summary results for each region of SG A are provided below:

Hot Leg Tubesheet Crevice

Of the 915 tubes examined, 34 tubes contained single or multiple axial crack-like indications requiring repair (3.7%). Of these 34 tubes, 23 were repaired by Westinghouse using the elevated rerolling technique (PORC 96-85). The remaining 11 were plugged by ABB (PORC 96-88). Due to concerns relating to inservice leakage of the rerolled locations (based on industry experience), the decision was made to repair or remove from service all tubes previously rerolled (Table 2).

Tube Support Plate Indications

Of the 2629 tubes examined (36,806 tube support plate intersections), 226 tubes contained indications (8.6%). None of the tubes with reported indications were in excess of two volts.

U-bends and AVB's

Of the 134 U-bends examined, 2 tubes contained axial crack-like indications requiring repair. These two tube locations (R3C50, R3C53) were plugged by ABB (PORC 96-88). There were 104 tubes with wear indications at the AVB's, none in excess of the TS plugging limit of 50% throughwall.

In general, the AVB indications have not grown significantly over the past few cycles.

ABB Sleeves

2 welded ABB sleeves (installed in 1992) were removed from service (PORC 96-88). One (R18C87) for an indication within the weld previously dispositioned as a geometry artifact, subsequently reported as a weld zone indication (WZI) based on industry experience and pulled tube results. The other tube (R38C61) was damaged during plug removal attempts on adjacent tubes and was preventatively plugged.

Other

Two tubes (R5C12 and R2C37) had evidence of leakage during the initial hydrostatic test (September 1996). R5C12 appeared wet around the tube end and R2C37 appeared to be dripping. Subsequent eddy current examinations reported no indications in either of these tube locations. These two tube locations were preventatively plugged (PORC 96-88).

HEJ Sleeves

Of the 1690 HEJ sleeves examined, 908 (53.7%) contained circumferential indications within the hardroll lower transition. 49 of the 908 locations (5.4%) fell outside of the revised pressure boundary (i.e. >7 mils). The remaining 859 tubes fell inside the pressure boundary and required plugging or other repair prior to returning SG A to operation. The remaining 859 tubes, with the exception of one tube (R2C25), were placed on the LWR list (PORC 96-100, 102, 103). R2C25 was removed for laboratory analysis prior to LWR being performed (PORC 96-88). Table 3 contains the detailed eddy current information for each tube.

Laser Weld Repair (LWR)

The LWR scope was 1201 tubes for SG A, comprised of 343 tube locations which did not meet the delta-D criteria following plug removal, and an additional 858 tubes identified from the inservice eddy current examination (PORC 96-100, 102, 103). The laser weld repair campaign began November 14, 1996 and was halted December 4, 1996 due to concerns relating to repair weld quality. Laser welding recommenced January 13, 1997 and was completed January 31, 1997. During the hiatus significant testing and requalification was performed at the Westinghouse facilities in an attempt to improve weld quality. One of the primary changes of the requalification effort was the decision to move the LWR from the center of the hardroll to the upper hydraulic expansion area. A total of 344 LWR's (28.6%) were made in the center of the hardroll in 1996, and 857 LWR's (71.4%) were made in the upper hydraulic expansion area when LWR resumed in 1997.

A breakdown of LWRs are as follows:

	Hardroll LWR	Hydraulic Expansion LWR	Total LWR
Successful (return to service)	88 (25.6%)	293 (34.2%)	381 (31.7%)
Hot Cracking	228 (66.3%)	1 (0.1%)	229 (19.1%)
Weld at wrong elevation	3 (0.9%)	0	3 (0.2%)
ET PIU's	10 (2.9%)	14 (1.6%)	24 (2.0%)
Pre-HT UT unacceptable	10 (2.9%)	96 (11.2%)	106 (8.8%)
Post-HT UT unacceptable	4 (1.2%)	447 (52.2%)	451 (37.6%)
Pulled for evaluation	1 (0.3%)	5 (0.6%)	6 (0.5%)
Broken HT bulb	0	1 (0.1%)	1 (0.1%)
Total	344	857	1201

Table 4 contains the detailed LWR information.

The unacceptable LWR tubes (820) required plugging or other repair prior to returning SG A to operation. The six tubes removed for analysis (PORC 97-23, 25), two of the three tube locations which were welded at the wrong elevation (R21C70 and R21C75) (PORC 97-27), and the tube location (R17C53) with the stuck HT bulb were plugged prior to the resleeving operations. 391 tubes were placed on the resleeving list (PORC 97-26, 39, 42, 43, 47), and the remaining 420 tube locations were plugged following the resleeving operations (PORC 97-69).

Tubesheet Crevice Recovery

Plugs were removed from 63 tube locations previously plugged for indications within the hot leg tubesheet crevice (PORC 97-038, 057). After plug removal, eddy current examinations were performed on the tubes to determine whether they could be returned to service via sleeving with 27" ABB sleeves. All locations had acceptable eddy current results to support a return to service. Of the 63 locations, 62 were successfully sleeved (98.4%). One recovery location (R38C72) did not have enough channelhead clearance to insert a 27" sleeve; this tube was subsequently plugged (PORC 97-69). Table 5 contains the detailed crevice recovery information.

Resleeving

The resleeving scope was 391 tube locations. The scope was broken into two phases. Phase I was an initial 25 tube performance demonstration, from sleeve removal and kinetic expansion through replacement sleeve installation and associated NDE (PORC 097-26). Phase II consisted of the

balance of the sleeve preparation (sleeve removal through kinetic expansion and subsequent tube cleaning) and production sleeve installation (PORC 97-047).

A breakdown of the resleeving operations are as follows:

Successful Resleeved Locations (return to service)	366
Kinetic Expansion Aborted (concerns with blowthroughs)	4
Fishmouth, could not insert sleeve	1
Blowhole, initial VT missed, subsequently leaked during pressure test	1
Removed for analysis	1
Eddy current indications in weld	18
Sleeve removal/Expansion % success	98.7%
Initial Performance Demonstration % success	62.5%
Production % success	97%
Overall % success	93.6%

Table 6 contains the detailed resleeving information. The 25 tube locations in which resleeving was not successful were plugged (PORC 97-46, 69).

Final Status

Plug Removal

The final status on the initial plug removal efforts are as follows:

Total tubes attempted	374
Plug removal not successful	5 (1.3%)
Met delta-D criteria	24 (6.4%)
Removed for analysis	6 (1.6%)
Leakage during final hydro (initially met delta-D)	1 (0.3%)
Unsuccessful LWR	76 (20.3%)
Unsuccessful Resleeve	9 (2.4%)
Successful LWR	133 (35.6%)
Successful Resleeve	120 (32.1%)
Total returned to service (delta-D, LWR, or resleeve)	277 (74.1%)

Inservice HEJ Indications

The final status on the inservice HEJ indications are as follows:

Total Inservice indications	908
Met delta-D criteria	49 (5.4%)
Removed for analysis	2 (0.2%)
Unsuccessful LWR	347 (38.2%)
Unsuccessful Resleeve	16 (1.8%)
Successful LWR	248 (27.3%)
Successful Resleeve	246 (27.1%)
Total returned to service (delta-D, LWR, or resleeve)	543 (59.8%)

STEAM GENERATOR B

Plug Removal

Direction was provided to Westinghouse to remove plugs installed in 1994 and 1995 by ABB Combustion Engineering for indications in the HEJ sleeve joints. It was hoped that these tubes could be returned to service under the newly received "delta-D" Technical Specification amendment.

WPSC provided authorization to remove plugs from a total of 237 tubes. Initial authorization was for 116 tubes (PORC 96-070), with the remaining 121 tubes authorized at a later date. Due to the number of HEJ indications identified and the lack of success with the delta-D criteria, the full tube removal scope was not achieved, per WPSC direction. Of the 237 tubes authorized for plug removal, 182 tube locations had plug removal attempted

Of the 182 tubes attempted, plug removal was successful on 180 tubes. Two tubes (R10C16, R10C17) were subsequently plugged as a result of unsuccessful plug removal attempts. One additional tube (R25C66) was damaged during plug removal efforts at other tube locations. This tube was plugged by Westinghouse.

Only 13 of the 180 tubes met the delta-D TS criteria (7.2%). The remaining 167 tubes were placed on the laser weld repair (LWR) list (PORC 96-103).

Table 7 contains the specific data for each plug removal location.

Eddy Current Examinations

Eddy current examinations included the following:

- 1) 100% bobbin coil examination of all non-repaired tubing, from tube end to tube end (1000 tubes).
- 2) 100% bobbin coil examination of all repaired (sleeved) tubing, from top of sleeve hot leg to tube end cold leg (1870 tubes)
- 3) 100% plus point RPC examination of inservice and deplugged HEJ sleeves, from the top of the sleeve to ~6 inches below the top of the HEJ (1866 tubes).
- 4) 100% plus point RPC examination of inservice ABB welded sleeves, from the top of the sleeve to ~6 inches below the top of the sleeve (4 tubes).
- 5) 3% plus point RPC examination of inservice HEJ sleeve straight lengths (64 tubes).
- 6) 100% plus point RPC of open row 1 and row 2 U-bends, from 07H to 07C. (97 tubes)
- 7) 20% plus point RPC of open row 3 U-bends, from 07H to 07C (16 tubes).
- 8) 100% RPC examination of all non-sleeved tubes, from tube end hot to ~6 inches above the secondary face of the tubesheet. (1000 tubes)
- 9) 100% plus point RPC examination of all welded repairs (706 tubes).
- 10) Augmented RPC testing at TSP intersections, as required by APC requirements.

Detailed examination results for SG B are contained in the Westinghouse field service reports. Summary results for each region of SG B are provided below:

Hot Leg Tubesheet Crevice

Of the 1000 tubes examined, 18 tubes contained single or multiple axial crack-like indications requiring repair (1.8%). Of these 18 tubes, 14 were repaired by Westinghouse using the elevated rerolling technique (PORC 96-85). The remaining 4 were plugged by ABB (PORC 96-88). Due to concerns relating to inservice leakage of the rerolled locations (based on industry experience), the decision was made to repair or remove from service all tubes previously rerolled (Table 8).

Tube Support Plate Indications

Of the 2870 tubes examined (40,180 tube support plate intersections), 445 tubes contained indications (15.5%). Five of the tubes with reported indications were in excess of two volts (R41C38, R43C41, R45C58, R24C63, R35C73). The largest reported voltage was 2.45 volts. In addition, two tube locations (R2C23 and R2C75) contained indications in which the alternate plugging criteria could not be applied. One tube (R15C28) was removed for laboratory analysis to confirm morphology and burst pressures to meet the alternate repair criteria. These tube locations were removed from service prior to LWR being performed (PORC 96-88).

U-bends and AVB's

Of the 113 U-bends examined, no tubes contained axial crack-like indications requiring repair. 173 tubes contained wear indications at the AVB's, none in excess of the TS plugging limit of 50% throughwall. In general, the AVB indications have not grown significantly over the past few cycles.

HEJ Sleeves

Of the 1866 HEJ sleeves examined, 587 (31.5%) contained circumferential indications within the hardroll lower transition. 40 of the 587 locations (6.8%) fell outside of the revised pressure boundary (i.e. >7 mils). The remaining 547 tubes fell inside the pressure boundary and required plugging or other repair prior to returning SG B to operation. The remaining 547 tubes, with the exception of eight tubes (two which were removed from service due to TSP indications (R2C23, R2C75), and six which were removed for laboratory analysis (R2C21, R2C40, R2C51, R2C58, R2C65, R2C69)) were placed on the LWR list (PORC 96-100, 103). Table 9 contains the detailed eddy current information for each tube.

Laser Weld Repair (LWR)

The LWR scope was 706 tubes for SG B, comprised of 167 tube locations which did not meet the delta-D criteria following plug removal, and an additional 539 tubes identified from the inservice eddy current examination (PORC 96-100, 103). The laser weld repair campaign began November 17, 1996 and was halted December 4, 1996 due to concerns relating to repair weld quality. Laser welding recommenced January 13, 1997 and was completed January 31, 1997. During the hiatus significant testing and requalification was performed at the Westinghouse facilities in an attempt to improve weld quality. One of the primary changes of the requalification effort was the decision to move the LWR from the center of the hardroll to the upper hydraulic expansion area. A total of 317 LWR's (44.9%) were made in the center of the hardroll in 1996, and 389 LWR's (55.1%) were made in the upper hydraulic expansion area when LWR resumed in 1997.

A breakdown of LWRs are as follows:

	Hardroll LWR	Hydraulic Expansion LWR	Total LWR
Successful (return to service)	96 (30.3%)	198 (50.9%)	294 (41.6%)
Hot Cracking	217 (68.5%)	0	217 (30.7%)
ET PIU's	2 (0.6%)	7 (1.8%)	9 (1.3%)
Pre-HT UT unacceptable	2 (0.6%)	90 (23.1%)	92 (13%)
Post-HT UT unacceptable	0	93 (23.9%)	93 (13.2%)
Stuck weld head	0	1 (0.3%)	1 (0.1%)
Total	317	389	706

Table 10 contains the detailed LWR information.

The unacceptable LWR tubes (412) required plugging or other repair prior to returning SG B to operation. 311 of the 412 tube locations were plugged by Westinghouse prior to the resleeving operations (PORC 97-13). The remaining 101 tubes were plugged by FTI in parallel with the

resleeving operations in SG A (PORC 97-057).

Final Status

Plug Removal

The final status on the initial plug removal efforts are as follows:

Total tubes attempted	182
Plug removal not successful	2 (1.1%)
Met delta-D criteria	13 (7.1%)
Unsuccessful LWR	73 (40.1%)
Successful LWR	94 (51.6%)
Total returned to service (delta-D, LWR, or resleeve)	107 (58.8%)

Inservice HEJ Indications

The final status on the inservice HEJ indications are as follows:

Total Inservice indications	587
Met delta-D criteria	40 (6.8%)
Removed for analysis	6 (1.0%)
Unsuccessful LWR	341 (58.1%)
Plugged for TSP indications	2 (0.4%)
Successful LWR	198 (33.7%)
Total returned to service (delta-D, LWR, or resleeve)	238 (40.5%)

Final Numbers

		SG A	SG B
1	27" ABB Sleeves	62	0
2	27" ABB Welded Sleeves	10	4
3	Total 27" ABB Sleeves (1+2)	72	4
4	39" ABB Sleeves	366	0
5	27" W HEJ Sleeves (NDD)	222	161
6	30" W HEJ Sleeves (NDD)	121	302
7	36" W HEJ Sleeves (NDD)	434	814
8	Total HEJ Sleeves (no repairs, NDD) (5+6+7)	777	1277
9	27" W HEJ Slvs (PTI>7mils)	4	2
10	30" W HEJ Slvs (PTI>7mils)	8	18
11	36" W HEJ Slvs (PTI>7mils)	61	32
12	Total HEJ Sleeves (no repair, >7mil) (9+10+11)	73	52
13	30"W HEJ Slvs (HE LWR)	138	116
14	36"W HEJ Slvs (HE LWR)	155	80
15	Total HEJ Sleeves (HE LWR's) (13+14)	293	196
16	30" W HEJ Slvs (HR LWR)	10	14
17	36"W HEJ Slvs (HR LWR)	78	82
18	Total HEJ Sleeves (HR LWR's) (16+17)	88	96
19	Total HEJ Sleeves (LWR's) (15+18)	381	292
20	Tubes Plugged	839	785
21	Equivalent Plugs from W HEJ's (8+12+19/23)	53.52	70.48
22	Equivalent Plugs from 27" ABB Sleeves (3/28.2)	2.55	.14
23	Equivalent Plugs from 39" ABB Sleeves (4/23)	15.91	0
24	Total Equivalent Plugs (20+21+22+23)	910.98	855.62
25	Tubes Open	880	978
26	% Plugged (24/3388)	26.89%	25.25%
27	Equivalent SGTP	26.07%	


TP Olson

ATTACHMENT 5

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

Functional Test Summary for Steam Generator 900 KIP Hydraulic Snubber

FUNCTIONAL TEST SUMMARY

Functional testing of the large bore hydraulic snubber installed on Steam Generator 1A was performed in accordance with SP 55-313 Rev. A "Steam Generator Hydraulic Snubber Testing" and 45349-1 Rev. A "Procedure For In-Place Testing Of 900 Kip Anker-Holth Snubbers At Kewaunee Nuclear Power Plant".

The 900 Kip Anker-Holth snubber, S/N 25.12620.004-1, was subjected to the following tests:

- 1) Breakaway Force: Measured the force required to initiate movement in tension and compression directions.
- 2) Drag Force: Measured the force required to maintain movement in tension and compression directions.
- 3) Lockup Velocity: Measured the flow of fluid (for a piston velocity) at which the snubber activated to the velocity limiting mode in tension and compression directions.
- 4) Bleed Rate @ 70 Kips: Measured the flow of fluid (for a piston velocity) at which the snubber bled while in the velocity limiting mode in tension and compression directions.

This test was performed to confirm test technique at a lower force.

- 5) Bleed Rate @ 500 Kips: Measured the flow of fluid (for a piston velocity) at which the snubber bled while in the velocity limiting mode in tension and compression directions.

The following is a tabulation of functional test results:

TEST LOAD @ 70 Kips

Test Parameter	Tension	Compression
Bleed Rate:	0.0143 IPM	0.0279 IPM

TEST LOAD @ 500 Kips

Test Parameter	Tension	Compression
Breakaway Force:	1524 lbs	1143 lbs
Drag Force:	3955 lbs	4010 lbs
Lockup Velocity:	0.97 IPM	0.83 IPM
Bleed Rate:	0.1126 IPM	0.1175 IPM

FUNCTIONAL TEST SUMMARY

Test results with exception of Bleed Rates at 500 Kips were within the values specified in SP 55-313 REV. A. The Bleed Rates at 500 Kips were below the minimum specified in SP 55-313 REV. A by 0.0374 IPM in tension and by 0.0325 IPM in compression.

The low Bleed Rates were reported to the customer's representative via NOA KNPP-1 for resolution.

After consultation with engineering it was determined that the values specified in SP 55-313 REV. A were conservative and the snubber was performing within design specifications. The customer's representative addressed this condition in accordance with plant procedures and submitted it to "PORC" for review.

Upon receipt of approval from "PORC" the snubber was reinstalled.

ADDITIONAL ACTIVITIES:

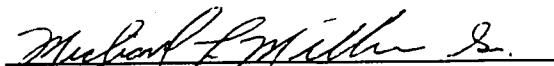
The visual examination report identified debris in the reservoir. Further examination revealed that this appears to be the pigmentation (which is added to clear fluid, making it readily visible) separating from the fluid.

The old fluid was drained from the reservoir and replaced with new fluid from the warehouse.

LESSONS LEARNED:

Due to the configuration of the blind end clevis and the snubber blind end, future testing of Steam Generator snubbers at Kewaunee Nuclear Power Plant may go smoother by implementing the following steps:

- 1) Using an appropriate means, rig the snubber to the platform directly above the snubber.
- 2) Remove both pins from the snubber and raise the snubber straight up. Upon achieving sufficient clearance, place a previously fabricated cradle on the clevises and lower the snubber into the cradle for testing.
- 3) Upon completion of testing, raise the snubber, remove the cradle, lower the snubber into place and reinstall the pins.



Michael L. Miller Sr.
Sr. Engrg. Specialist
Wyle Laboratories

12 / 12 / 96

ATTACHMENT 6

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

Summary of Incore Thimble Eddy Current Results

Summary of Incore Thimble Eddy Current Results

In response to NRC Bulletin 88-09, WPSC committed to inspecting the incore thimbles at the KNPP during the 1993 and 1998 outages and more frequently thereafter. Results of the inspection with any corrective action or change in inspection frequency were to be reported in the annual ISI report. A summary of the 1993, 1994, 1995 and 1996 inspection results is given below.

Wear (%)	Number of Thimbles			
	1993	1994	1995	1996
1-19	6	1	1	2
20-29	14	5	8	4
30-39	12	13	12	12
40-49	3	15	12	13
50-59	0	1	2	4

Note: One thimble could not be inspected due to blockage and was isolated.

As was the case in previous inspections, the indicated wear is at the point where the thimble tube enters the fuel assembly. The wear is believed to be due to a wear point at the lower tie plate-instrument tube interface in the fuel assembly. The wear point was recently (1993) eliminated by the fuel vendor.

Seven thimbles were repositioned following the 1994 inspection to move the wear scar away from the area of concern in the fuel assembly. The repositioned thimbles were at core positions G-6, G-9, I-5, G-4, K-7, C-11, and H-1. The old wear scars for these seven tubes recorded no changes in wall loss as expected.

The 1995 inspection indicated that one repositioned tube (K-7) had an indication of 32-40 percent wall loss at the new wear location. The 1996 inspection indicated that the wear on this thimble has not increased significantly. The tube has been returned to service.

The other six repositioned tubes did not indicate wear at the new wear location.

Of the remaining 28 tubes, no tube recorded a significant increase in wall loss during the past cycle.

The inspection performed during the 1996 outage showed a minimal increase in wear. An inspection will be performed in 1998 due to the commitment made in response to NRC bulletin 88-09.

ATTACHMENT 7

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

September 10, 1997

NDE Data Sheets for 1996-1997 Examinations Which Were Limited By
Geometric, Metallurgical, or Design/Access Restrictions

WISCONSIN PUBLIC SERVICE CORPORATION

REV.: ORIG.

KEWAUNEE NUCLEAR POWER PLANT

ULTRASONIC, LIQUID PENETRANT, MAGNETIC PARTICLE AND VISUAL EXAMINATION LIMITATION TO EXAMINATION RECORD

SYSTEM OR COMPONENT: STEAM GENERATOR 1A

DRAWING NO.: M-1201

COMPONENT IDENTIFICATION: SG-W6 PROCEDURE: NEP No. 15.9 REVISION: ORIG

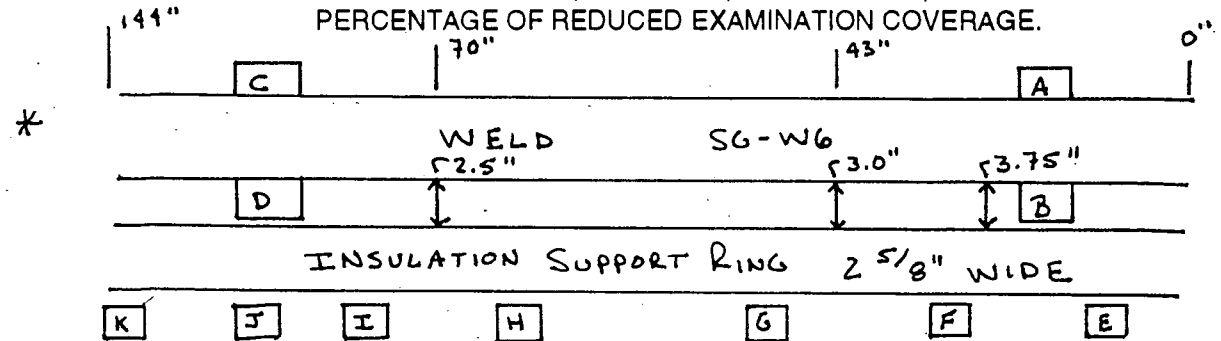
ULTRASONIC: LIQUID PENETRANT: MAGNETIC PARTICLE: VISUAL:

EXAMINER: [Signature] II DATE: 10/2/96
LEVEL

EXAMINER: [Signature] II DATE: 10/2/96
LEVEL

* 15% OF REQUIRED VOLUME NOT EXAMINED

SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE.



- A. 2.75" x 2.75" WELDED PAD 19" CLOCKWISE FROM 0 REFERENCE AT WELD TOE
 - B. 2.5" x 2.5" WELDED PAD 19.25" CLOCKWISE FROM 0 REFERENCE AT WELD TOE
 - C. 2.75" x 2.75" WELDED PAD 126.5" CLOCKWISE FROM 0 REFERENCE AT WELD TOE
 - D. 2.5" x 2.5" WELDED PAD 126.75" CLOCKWISE FROM 0 REFERENCE AT WELD TOE
 - E. 2.5" x 2.5" WELDED PAD 4" CLOCKWISE FROM D REFERENCE 7/8" BELOW INSULATION RING
 - F. 2.5" x 2.5" WELDED PAD 26" CLOCKWISE FROM D REFERENCE 7/8" BELOW INSULATION RING
 - G. 2.5" x 2.5" WELDED PAD 48" CLOCKWISE FROM D REFERENCE 1 1/4" BELOW INSULATION RING
 - H. 2.5" x 2.5" WELDED PAD 68" CLOCKWISE FROM D REFERENCE 1 2/8" BELOW INSULATION RING
 - I. 2.5" x 2.5" WELDED PAD 89" CLOCKWISE FROM D REFERENCE 1 2/8" BELOW INSULATION RING
 - J. 2.5" x 2.5" WELDED PAD 111" CLOCKWISE FROM D REFERENCE 1 3/8" BELOW INSULATION RING
 - K. 2.5" x 2.5" WELDED PAD 132" CLOCKWISE FROM D REFERENCE 1 5/8" BELOW INSULATION RING
- WELD CROWN LIMITS 2, 5, 7/8 SCANS FOR 45°, 60° AND 0° SCANS
 11 WELDED PADS LIMIT 2 SCAN FOR 45° AND 60°
 4 WELDED PADS LIMIT 5 SCAN FOR 45° AND 60° AND 0° SCANS
 INSULATION SUPPORT RING LIMITS 2, 5, 7/8 SCANS FOR 45°, 60° AND 0° SCANS

KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillip C. Baker DATE: October 4, 1996
 AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: Ryan McGuire DATE: 10/4/96

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

REV.: ORIG.

SYSTEM OR COMPONENT: STEAM GENERATOR 1B

DRAWING NO.: M-1206

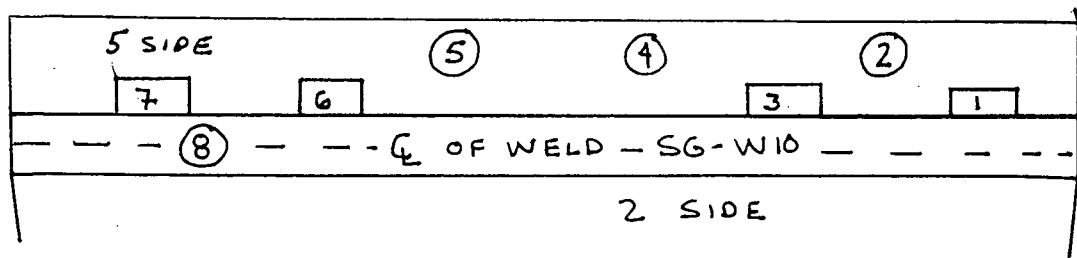
COMPONENT IDENTIFICATION: SG-W10 PROCEDURE: NEP No. 15.9 REVISION: ORIG

ULTRASONIC: X LIQUID PENETRANT: _____ MAGNETIC PARTICLE: _____ VISUAL: _____

EXAMINER: R.L. My. m.w. Jew III DATE: 10/01/96

EXAMINER: R.A. B. J. M. J. II DATE: 10/1/96
II DATE: 10/1/96
 LEVEL

SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE. O REFERENCE LOCATED AT CENTER OF FEEDWATER NOZZLE



1. WELDED PAD $7\frac{3}{4}'' \times 10\frac{3}{4}''$ LOCATED AT $5' 4''$ CW FROM O REFERENCE ON 5 SIDE OF WELD LIMITS $0^\circ, 45^\circ + 60^\circ$ SCANS *
 2. 2" NOZZLE LOCATED AT $13' 4\frac{1}{2}''$ CW FROM O REFERENCE $6\frac{3}{4}''$ FROM TOE OF WELD ON 5 SIDE LIMITS 60° SCAN
 3. WELDED PAD $7\frac{3}{4}'' \times 10\frac{3}{4}''$ LOCATED AT $16' 9\frac{1}{2}''$ CW FROM O REFERENCE ON 5 SIDE OF WELD LIMITS $0^\circ, 45^\circ + 60^\circ$ SCANS *
 4. 2" NOZZLE LOCATED AT $21' 1''$ CW FROM O REFERENCE $6\frac{3}{4}''$ FROM TOE OF WELD ON 5 SIDE LIMITS 60° SCAN
 5. 2" NOZZLE LOCATED AT $24' 11''$ CW FROM O REFERENCE $6\frac{3}{4}''$ FROM TOE OF WELD ON 5 SIDE LIMITS 60° SCAN
 6. WELDED PAD $7\frac{3}{4}'' \times 10\frac{3}{4}''$ LOCATED AT $28' 3\frac{1}{2}''$ CW FROM O REFERENCE ON 5 SIDE OF WELD LIMITS $0^\circ, 45^\circ + 60^\circ$ SCANS *
 7. WELDED PAD $7\frac{3}{4}'' \times 10\frac{3}{4}''$ LOCATED AT $39' 9\frac{1}{2}''$ CW FROM O REFERENCE ON 5 SIDE OF WELD LIMITS $0^\circ, 45^\circ + 60^\circ$ SCANS *
 8. WELD CROWN LIMITS $0^\circ, 45^\circ + 60^\circ$ SCANS
- * PAD STARTS AT TOE OF WELD
- 7.9% OF REQUIRED VOLUME NOT EXAMINED

KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillips C. Baker DATE: October 3, 1996

AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: Ryan McGuire DATE: 10/4/96

REV.: ORIG.

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

SYSTEM OR COMPONENT: REACTOR COOLANT Piping Loop A

DRAWING NO.: 1S1M -1703

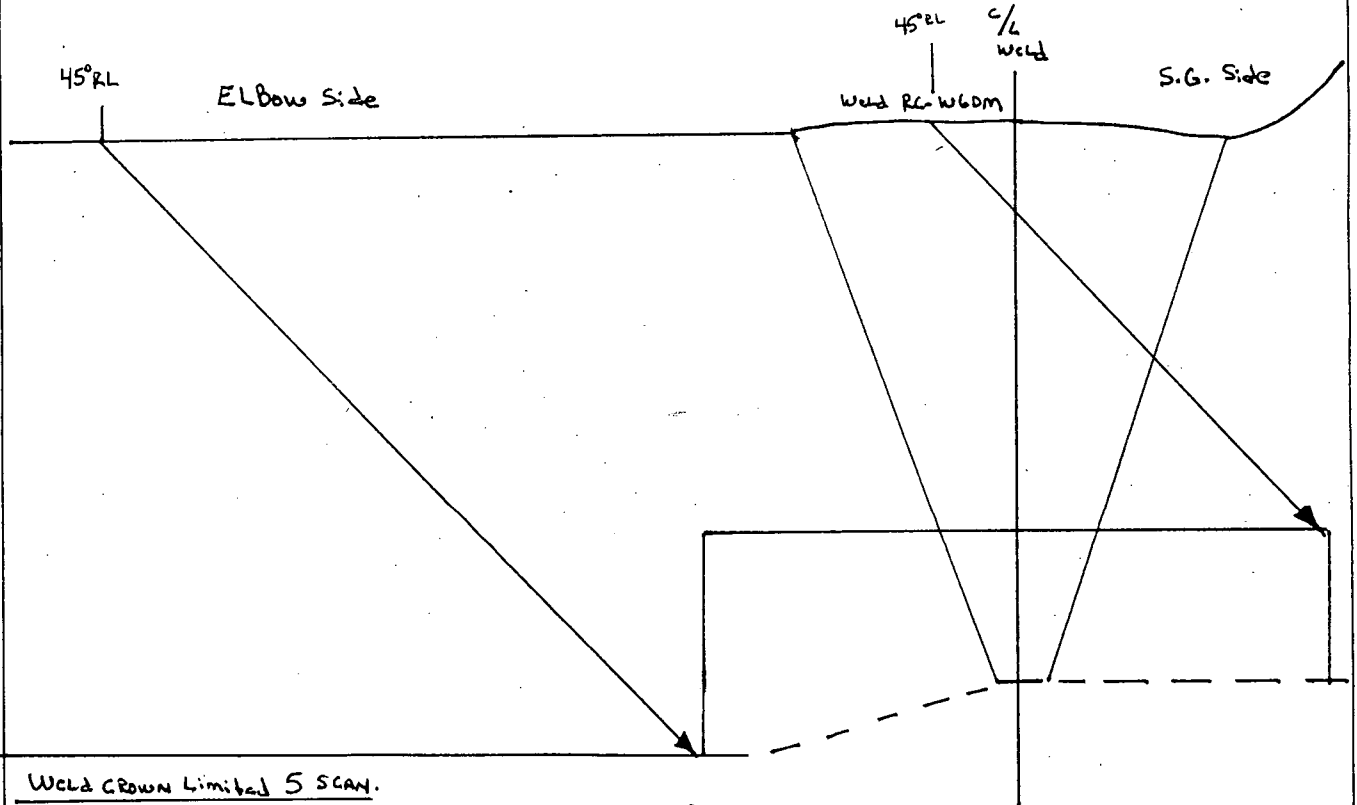
COMPONENT IDENTIFICATION: RC-W6DM PROCEDURE: NEP No. 15-13 REVISION: Orig

ULTRASONIC: X LIQUID PENETRANT: MAGNETIC PARTICLE: VISUAL:

EXAMINER: NEA. B.G. II DATE: 9/28/96
LEVEL

EXAMINER: [Signature] II DATE: 9/28/96
LEVEL

SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE.



Weld Crown Limited 5 SCAN.

S.G. Nozzle Restricted A 2 SCAN, A-7+8 SCAN AND 0° SCAN.

46% OF REQUIRED VOLUME NOT EXAMINED

KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillip C. Buker DATE: October 1, 1996

AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: [Signature] DATE: 10/1/96

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

REV.: ORIG.

SYSTEM OR COMPONENT: REACTOR COOLANT PUMP 1A

DRAWING NO.: M-1204

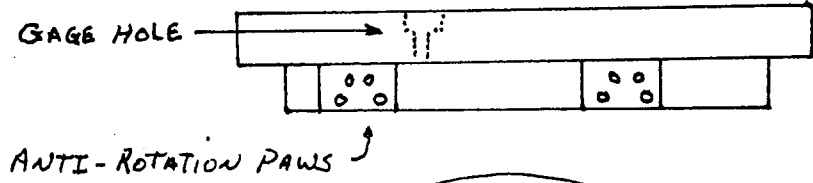
COMPONENT IDENTIFICATION: RCP-1A-FLY PROCEDURE: NEP NO. 15.13 REVISION: ORIG

ULTRASONIC: X LIQUID PENETRANT: MAGNETIC PARTICLE: VISUAL:

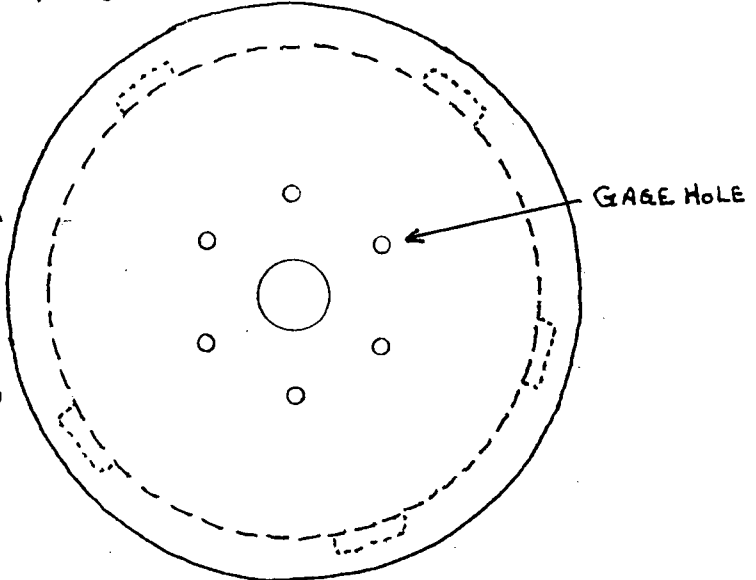
EXAMINER: N.A. B.S. II DATE: 10/5/96
 LEVEL

EXAMINER: Jeffrey M. Johnson II DATE: 10/5/96
 LEVEL

SKETCH TO PROVIDE: APPROXIMATE SIZE, LOCATION, ORIENTATION, TYPE OF LIMITATION AND PERCENTAGE OF REDUCED EXAMINATION COVERAGE.



Flywheel in place restricts bottom 1" of lower plate of keyway and radial gage hole exams. Diameter change from 1.5" to 1.03" in top 1.5" of upper plate restricts keyway and radial gage hole exams. 5 - 3" x 7" anti-rotation paws restrict periphery exam on lower plate



9% of Required Volume. Not Examined

KEWAUNEE NUCLEAR POWER PLANT REVIEW: Phillip C. Bukes DATE: October 5, 1996
 AUTHORIZED NUCLEAR INSERVICE INSPECTOR REVIEW: Arzyr M. Mjumin DATE: 10/5/96