

**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
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	---	---	---
Residual Heat Exchanger AHRS1-1A	Joseph Oat and Sons	1817-1E	U11046	344
Residual Heat Exchanger AHRS2-1B	Joseph Oat and Sons	1817-1F	U11424	345
Seal Water Heat Exchanger AHSW	Atlas	734	U11404	596

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Letdown Heat Exchanger AHLD	Atlas	1206	U11405	1031
Class 2 Piping	Texas Pipe Bending	---	---	---
Residual Heat Removal Pump APRH1-1A	Byron Jackson	681N0277	---	---
Residual Heat Removal Pump APRH2-1B	Byron Jackson	681N0276	---	---
Diesel Generator AHDG-1A Cooling Water Exchangers (2)	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	---	---

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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 Oriven	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	---	---	---

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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	---	---

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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	---	---
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	---	---

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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
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	---	---

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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
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 3-14-95* to 6-5-95* 9. Inspection Interval from 6-16-84 to 6-16-94

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Reference Tab C

11. Abstract of Conditions Noted Reference Tab B and Tab F

12. Abstract of Corrective Measures Recommended and Taken Reference Tab B and Tab F

Utilization of ASME Boiler and Pressure Vessel Code: Code Case N-498 and N-498-1

* ASME Boiler and Pressure Vessel Code Section XI 1980 Edition Paragraph IWA-2400(c)

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date July 27, 19 95 Signed Wis. Public Service By Charles A. Schrock
Owner

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of WISCONSIN and employed by HARTFORD STEAM BOILER of HARTFORD CT. have inspected the components described in this Owners' Data Report during the period MARCH 14, 1995 to JUNE 5, 1995, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data 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 Owners' Data 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.

Date July 28 19 95

Rogn Mitgneri
Inspector's Signature

Commissions NB 7741 N, I, IS, A WIS 38
National Board, State, Province and No.

ATTACHMENT 3

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

August 11, 1995

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
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Reactor Vessel RV	Combustion Engineering	CE69202	U11480	21010

FORM NIS-1 (Back)

8. Examination Dates March 29, 1995 to May 14, 1995
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 December 16, 1993 Revision 0
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 F

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

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

Date July 27 19 95 Signed Wisconsin Public Service By Charles A. Schork
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 MARCH 29, 1995 to MAY 14, 1995, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Roger McGinnis Commissions NB 7741 N, I, IS, A WIS 38
Inspector's Signature National Board, State, Province, and Endorsements

Date July 28 19 95

ATTACHMENT 4

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

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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 AHSL-1A	Sentry	3996-5E	U11407	364
Excess Letdown Heat Exchanger AHSL-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

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Residual Heat Exchanger AHRS2-1B	Joseph Oat and Sons	1817-1F	U11424	345
Charging Pump Pulsation Dampener APD-1A	Greer Hydraulics	GNI-1848	---	---
Charging Pump Pulsation Dampener APD-1B	Greer Hydraulics	GNI-1846	---	---
Charging Pump Pulsation Dampener APD-1C	Greer Hydraulics	GNI-1847	---	---
Seal Water Injection Filter AFSI-1A	Commercial Filters	101072	---	1172
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	---	---

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Diesel Generator AHDG-1A Cooling Water Exchangers (2)	Young Radiator	2448568 & 2448557	---	---
Auxiliary Feedwater Pump APFM-1A Motor Driven	Pacific Pump	46573	---	---
Auxiliary Feedwater Pump APFM-1B Motor Driven	Pacific Pump	46574	---	---
Auxiliary Feedwater Pump APFT Turbine Driven	Pacific Pump	46575	---	---
Class 3 Piping	Texas Pipe Bending	---	---	---
Safety Injection Pump APSI-1A	Bingham Pump	290696	---	---
Safety Injection Pump APSI-1B	Bingham Pump	290697	---	---
Containment Spray Pump APCS-1A	Ingersoll Rand	0670-74	---	---
Component Cooling Pump APCC-1A	Ingersoll Rand	0568-31	---	---
Component Cooling Pump APCC-1B	Ingersoll Rand	0867-309	---	---

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Component Cooling Heat Exchanger AHCC1-1A	Engineers and Fabricators	S-15748-A	U11426	1139
Component Cooling Heat Exchanger AHCC2-1B	Engineers and Fabricators	S-15748-B	U11427	1140

FORM NIS-1 (Back)

8. Examination Dates March 29, 1995 to May 14, 1995
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 December 16, 1993 Revision 0
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 F

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

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

Date July 27 19 95 Signed Wisconsin Public Service By Charles A. Schrock
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 MARCH 29, 1995 to MAY 14, 1995, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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

Date July 28 19 95

ATTACHMENT 5

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

August 11, 1995

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 July 6, 1995

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 201518

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 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-33	Crosby Ashton Gage Company	NA	NA	PS&E AC107-001	1971	Repaired	No

7. Description of Work Repair leaks on 2" Residual Heat Removal System Valve RHR-33.

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

Other ☐ Pressure 130 psi Test Temp. 350 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: RHR-33

Work Request Number: 201518

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillips C. Bikes ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner 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 Mathew
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 201731

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 B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H25	ITT Grinnell Valve Company	NA	NA	NA	1987	Repaired	No

7. Description of Work Install shim plate on 3" Reactor Coolant Spring Support RC-H25

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: July 6, 1995

Name of Component: RC-H25

Work Request Number: 201731

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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. Brees ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

Certificate of INSERVICE INSPECTION

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Rogn M. M. M.
Inspector's Signature

Commissions

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

Date July 10, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and

4. Identification of System Volume Control

5. (a) Applicable Construction Code (1) (1) Edition, (1) Addenda, NA Code Case
(1) Section III Class 1 1986 Edition 1987 Addenda

(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-5C	Kerostat Manuf. Company	ASG1-11	NA	PS&E CS002-015	1989	Replacement	No

7. Description of Work Replace 2" Chemical and Volume Control System valve CVC-5C

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

Other ☐ Pressure 2280 psi Test Temp. 130 deg. F

9. Remarks Replacement of valve CVC-5C, including 6 welds. Test temperature utilized

Applicable Manufacturer's Data Reports to be Attached

is operating temperature from system description. Nominal operating pressure test

performed in lieu of hydrostatic test per ASME Boiler and Pressure Vessel Code:

Code Case N-416-1.

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-5C

Work Request Number: 203719

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. Beker ISI Analyst Data July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. M...
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 205239

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-5B	Anchor Valve Company	9193-3/70	NA	PS&E SI-009-002	1970	Replacement	No

7. Description of Work Replace Valve Stem on 6" Safety Injection System valve SI-5B

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

Other ☐ Pressure 2180 psi Test Temp. 100 deg. F

9. Remarks Test temperature utilized is operating temperature from system description
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-5B

Work Request Number: 205239

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. Bures ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

Certificate of INSERVICE INSPECTION

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Rogn Malyan
Inspector's Signature

Commissions

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

Date July 10, 19 95

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 July 6, 1995

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 205629

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 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
AFW-10B	William Powell Company	63012	NA	PS&E F033-002	1972	Repaired	No

7. Description of Work Inspect internals for wear on disc and seat on 3" Auxiliary Feedwater Valve AFW-10B

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 1640 psi Test Temp. 450 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: July 6, 1995

Name of Component: AFW-10B

Work Request Number: 205629

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. Mangan
Inspector's Signature

Commissions

NB7741 I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 10

19 95

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 July 6, 1995

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 205732

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 Edition, NA Addenda, NA Code Case

(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 Company	NA	NA	PS&E ICS022-001	1973	Repaired	No

7. Description of Work Inspect 2" Containment Spray Valve CI-1003.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure Static Head 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: July 6, 1995

Name of Component: CI-1003

Work Request Number: 205732

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Baker ISI Analyst
Owner or Owner's Designee, Title

Date

July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

Commissions

NB7741, I. N. I. S. A. WIS 38

National Board, State, Province, and Endorsements

Date

July 10, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 23 Class 2 Containment Spray

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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
Supports between Points 11325 & 11345	ITT Grinnell Corp.	NA	NA	NA	1994 (removed)	Repaired	No

and 11415 & 11435

7. Description of Work Remove extra supports on 1 1/2" Containment Spray System between Points 11325 & 11345 and 11415 & 11435

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: July 6, 1995

Name of Component: Supports between Points 11325 & 11345 and 11415 & 11435

Work Request Number: 205962

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roga Motuan
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 206201

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

35 Class 2 Chemical and

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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
Support at Points 28027, 28050 & 28160	ITT Grinnel Corp.	NA	NA	NA	1974	Repaired	NO

7. Description of Work Remove Ubolts on 2" chemical and volume control system supports at points 28027, 28050, and 28160

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: July 6, 1995

Name of Component: Support at Points 28027, 28050 and 28160

Work Request Number: 206201

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Baker ISI Analyst Date July 7 19 95
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Roger Motz Commissions NB7741, I, N, IS, A, WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 10 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 35 Class 2 Chemical and
Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-50	ITT Grinnell Valve Company	75-5629-4-12	NA	PS&E CS005-148	1967	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System Valve CVC-50.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 psi Test Temp. <200 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-50

Work Request Number: 206218

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 Phillips C. Bullock ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan Metzger Commissions NB7741, I.N.I.S.A. WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 10 19 95

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 July 6, 1995

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 206223

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

35 Class 2 Chemical and

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-29	ITT Grinnell Valve Company	NA	NA	PS&E CS005-129	1973	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System Valve LD-29.

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

Other ☐ Pressure 17 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: LD-29

Work Request Number: 206223

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

Certificat of Authorization No. NA Expiration Date NA

Signed Phillip C. Buker ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogn M. M. M.
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 206224

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 Edition, NA Addenda, NA Code Case

(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-24015-1	ITT Grinnell Valve Company	NA	NA	PS&E CS005-133	1973	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System Valve CVC-24015-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 psi Test Temp. <200 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-24015-1

Work Request Number: 206224

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 I & I Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rogan Morgan
Inspector's Signature

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

Date July 10 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and
Volume Control

4. Identification of System

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-24015-2	ITT Grinnell Valve Company	NA	NA	PS&E CS005-134	1973	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System Valve CVC-24015-2

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 psi Test Temp. <200 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-24015-2

Work Request Number: 206225

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 E. Bucke ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Motz
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 206226

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 Edition, NA Addenda, NA Code Case

(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-24016-1	ITT Grinnell Company	NA	NA	PS&E CS005-128	1973	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System Valve CVC-24016-1.

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

Other ☐ Pressure 17 psi Test Temp. <200 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-24016-1

Work Request Number: 206226

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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

Commissions

NB7741, I. N. IS. A WIS 38

National Board, State, Province, and Endorsements

Date July 10, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 35 Class 2 Chemical and Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-24016-2	ITT Grinnell Valve Company	NA	NA	PS&E CS005-127	1973	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System Valve CVC-24016-2.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 psi Test Temp. <200 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-24016-2

Work Request Number: 206227

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 Phillips C. Bakes ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan Motz
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 206228

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
and Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-38	ITT Grinnel Valve Company	NA	NA	PS&E CS005-130	1973	Replacement	No

7. Description of Work Inspect and replace diaphragm on 2" Chemical and Volume Control System valve CVC-38

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

Other ☐ Pressure 17 psi Test Temp. ≤ 200 deg. F

9. Remarks Test temperature is operating temperature from system description

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-38

Work Request Number: 206228

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 NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip E. Bukes ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan Commissions NB7741, I.N.I.S.A. WIS 38
Inspector's Signature National Board, State, Province, and Endorsements

Date July 10, 19 95

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 July 6, 1995

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 206231

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 Edition, NA Addenda, NA Code Case

(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-217	Grinnel Fire Protection System	NA	NA	PS&E CS033-004	1973	Repaired	No

7. Description of Work Inspect and repair 3" Chemical and Volume Control System Valve CVC-217.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-217

Work Request Number: 206231

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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

Signed Phillip C. Duker ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Matzner
Inspector's Signature

Commissions

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

Date July 10, 19 95

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 July 6, 1995

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 206232

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
35 Class 2 Chemical and

Authorization No. NA

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-218	Grinnel Fire Protection System	NA	NA	PS&E CS033-009	1973	Repaired	No

7. Description of Work Inspect and repair 3" Chemical and Volume Control System Valve CVC-218.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 psi Test Temp. 150 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-218

Work Request Number: 206232

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGinn
Inspector's Signature

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

Date July 10 19 95

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 July 6, 1995

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 206305

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 Edition, NA Addenda, NA Code Case

(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
Support at Point 9155	Wisconsin Public Service Corporation	NA	NA	NA	1974	Repaired	No

7. Description of Work Add shim plate on 2" residual heat removal system support at point 9155.

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: July 6, 1995

Name of Component: Support at Point 9155

Work Request Number: 206305

Certificate of Compliance

We certify that the statements made in the report are correct and this Repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date

July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McIntyre
Inspector's Signature

Commissions

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

Date

July 10, 19 95

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 July 6, 1995

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 206306

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 Edition, NA Addenda, NA Code Case

(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
Support at Point 9050	ITT Grinnel Corp.	NA	NA	NA (REMOVED)	1994	Repaired	No

7. Description of Work Remove extra vertical support on 2" Residual Heat Removal System at Point 9050

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: July 6, 1995

Name of Component: Support at Point 9050

Work Request Number: 206306

Certificate of Compliance

We certify that the statements made in the report are correct and this Repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

Certificate of INSERVICE INSPECTION

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Rogan Metzger
Inspector's Signature

Commissions

NB7741 I. N. I. S. A. WIS 38

National Board, State, Province, and Endorsements

Date

July 10

19

95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and

4. Identification of System Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H148	ITT Grinnel Valve Company	NA	NA	NA	1981	Repaired	No

7. Description of Work Modify 2" Chemical and Volume Control System Restraint CVC-H148

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: July 6, 1995

Name of Component: CVC-H148

Work Request Number: 206830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Loyn Morgan
Inspector's Signature

Commissions

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

Date

July 10

19

95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and

4. Identification of System Volume Control

5. (a) Applicable Construction Code (1) Edition, (1) Addenda, NA Code Case
(1) Section III Class 2 subsection NC 1980 edition winter 1980
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 addenda.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Charging Pump 1A Suction Stabilizer	Greer	GHI-10234	568	PS&E 162-935	1981	Repaired	Yes

7. Description of Work Rebuild Chemical and Volume Control System Charging Pump 1A Suction Stabilizer.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 20 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Charging Pump 1A Suction Stabilizer

Work Request Number: 206895

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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. Bufas ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rogan Morgan Commissions NB7741, I, N, IS, A WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 10, 19 95

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 July 6, 1995

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 206969

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
35 Class 2 Chemical and

Authorization No. NA

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code (1) (1) Edition, NA Addenda, NA Code Case
(1) Section VIII Division I 1975

(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
Charging Pump 1A Pulsation Dampener	Greer Hydraulics	GNI-1848	NA	PS&E 07000	1975	Repaired	NO

7. Description of Work Repair chemical and volume control system charging pump 1A pulsation dampener.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2250 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Charging Pump 1A Pulsation Dampener

Work Request Number: 206969

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Roger Motz
Inspector's Signature

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

Date July 10, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 35 Class 2 Chemical and Volume Control

5. (a) Applicable Construction Code (1) (1) Edition, (1) Addenda, NA Code Case
(1) Section III Class 1 1986 Edition 1987 Addenda
(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-5A	Kerostat Manufacturing Corp.	ASG1-12	NA	PS&E CS002-013	1989	Replacement	No

7. Description of Work Replace 2" Chemical and Volume Control System valve CVC-5A

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 130 deg. F

9. Remarks Replacement of valve CVC-5A, including 6 welds.

Applicable Manufacturer's Data Reports to be Attached

Test temperature utilized is operating temperature from system description.

Nominal operating pressure test performed in lieu of hydrostatic test per

ASME Boiler and Pressure Vessel Code: Code Case N-416-1

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-5A

Work Request Number: 207001

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. Beker / ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

Certificate of INSERVICE INSPECTION

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Roger Metzger
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 10

19

95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

06 Class 2 Main Steam

4. Identification of System and Steam Dump

Date July 6, 1995

Sheet 1 of 2

Unit No. 1

Work Request Number 207101

Type Code Symbol Stamp NA

Authorization No. NA

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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	PS&E SD022-001	1969	Repaired	No.

7. Description of Work Weld repair seat ring seating surface on 6" main steam and steam dump valve SD-3A.

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

Other ☐ Pressure 998 psi Test Temp. 600 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: July 6, 1995

Name of Component: SD-3A

Work Request Number: 207101

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 / ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

, 19 95

Certificate of INSERVICE INSPECTION

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Rogn Metzger
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 10

19 95

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 July 6, 1995
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 207116
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
35 Class 2 Chemical and Expiration Date NA
4. Identification of System Volume Control
5. (a) Applicable Construction Code (1) Edition, (1) Addenda, NA Code Case
(1) Section III Class 2 Subsection NC 1980 Edition Winter 1980 Addenda
 (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
Charging Pump 1B Suction Stabilizer	Greer Hydraulics	GHI-10235	569	PS&E 162-936	1981	Repaired	Yes

7. Description of Work Rebuild Chemical and Volume Control System Charging Pump 1B Suction Stabilizer.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 24 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Charging Pump 1B Suction Stabilizer

Work Request Number: 207116

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Metzger
Inspector's Signature

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

Date July 10, 19 95

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 July 6, 1995

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 207127

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

35 Class 2 Chemical and

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code NA NA Edition, NA Addenda, NA Code Case

(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-1B	Ajax Iron Works	6576	NA	PS&E 00076	1967	Repaired	No

7. Description of Work Repair Chemical and Volume Control System Charging Pump 1B

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

Other ☐ Pressure 2245 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: APCH-1B

Work Request Number: 207127

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

Certificate of INSERVICE INSPECTION

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Rogan Matyja
Inspector's Signature

Commissions

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

Date July 11, 19 95

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 July 6, 1995

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 207201

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
35 Class 2 Chemical and

Authorization No. NA

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code (1) (1) Edition, NA Addenda, NA Code Case
(1) Section VIII Division I 1975

(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
Charging Pump 1B Pulsation Dampener	Greer Hydraulics	GHI-1849	NA	PS&E 07001	1975	Repaired	No

7. Description of Work Repair Chemical and Volume Control System Charging Pump 1B Pulsation Dampener

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2242 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Charging Pump 1B Pulsation Dampener

Work Request Number: 207201

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogn Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207241

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 (1) (1) Edition, NA Addenda, NA Code Case
(1) Section VIII Division I 1975 Edition

(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
Charging Pump 1C Pulsation Dampener	Greer Hydraulics	GHI-1847	NA	PS&E 07002	1975	Repaired	Yes

7. Description of Work Repair Chemical and Volume Control System Charging Pump 1C Pulsation Dampener

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

Other ☐ Pressure 2250 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Charging Pump 1C Pulsation Dampener

Work Request Number: 207241

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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. Butke ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

, 19 95

Certificate of INSERVICE INSPECTION

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Roger Morgan
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 11

19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 1 Chemical

4. Identification of System and Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-205B	Kerostat Manuf. Corp.	NU321	NA	PS&E CS100-001	1973	Repaired	No

7. Description of Work Inspect 2" Chemical and Volume Control System valve CVC-205B

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2245 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-205B

Work Request Number: 207243

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McIntyre
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207244

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 Edition, NA Addenda, NA Code Case

(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-10	Kerotest Manufacturing Corp.	NV-143	NA	PS&E CS100-005	1973	Repaired	No

7. Description of Work Inspect 2" chemical and volume control system valve CVC-10

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

Other ☐ Pressure 2245 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-10

Work Request Number: 207244

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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

Signed Phillip C. Bikes ISI Analyst Date July 7, 19 95
Owner or Owner's Designee, Title

Certificate of INSERVICE INSPECTION

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Roger Metzger Commissions NB7741, I, N, IS, A WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 11 19 95

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 July 6, 1995

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 207245

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 1 Chemical and Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-206A	Kerotest Manufacturing Corp.	NA	NA	PS&E CS100-004	1973	Repaired	No

7. Description of Work Inspect 2" chemical and volume control system valve CVC-206A

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

Other ☐ Pressure 2245 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-206A

Work Request Number: 207245

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 / ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Morgan
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 11

19 95

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 July 6, 1995

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 207246

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
35 Class 1 Chemical and

Authorization No. NA

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-206B	Kerotest Manufacturing Corp.	NU139	NA	PS&E CS100-003	1973	Repaired	No

7. Description of Work Inspect 2" chemical and volume control system valve CVC-206B

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

Other ☐ Pressure 2245 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-206B

Work Request Number: 207246

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Metzger
Inspector's Signature

Commissions

NB7741, I, N, IS, A WIS 38

National Board, State, Province, and Endorsements

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and

4. Identification of System Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-213	Grinnel Fire Protection System	NA	NA	PS&E CS033-001	1973	Replacement	No

7. Description of Work Replace diaphragm on 3" Chemical and Volume Control System Valve CVC-213.

6. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 8 psi Test Temp. 150 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-213

Work Request Number: 207394

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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Metzger
Inspector's Signature

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

Date July 11 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and

4. Identification of System Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-216	Grinnel Fire Protection System	NA	NA	PS&E CS033-003	1973	Replacement	No

7. Description of Work Replace diaphragm on 3" Chemical and Volume Control System Valve CVC-216.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 17 psi Test Temp. 150 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-216

Work Request Number: 207395

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.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Burke ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McIntyre
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207396

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
35 Class 2 Chemical and

Authorization No. NA

4. Identification of System Volume Control

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-215A	Grinnel Fire Protection System	NA	NA	PS&E CS033-008	1973	Replacement	No

7. Description of Work Replace diaphragm on 3" Chemical and Volume Control System Valve CVC-215A.

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

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: CVC-215A

Work Request Number: 207396

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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207517

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

06 Class 2 Main Steam

4. Identification of System and Steam Dump

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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
SD1A3	Dresser Industrial Valve and Instrument	07875	NA	PS&E SD023-003	1973	Repaired	No

7. Description of Work Inspect and repair 6" Main Steam and Steam Dump System Valve SD1A3.

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

Other ☐ Pressure 998 psi Test Temp. 600 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: July 6, 1995

Name of Component: SD1A3

Work Request Number: 207517

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillips C. Bukes ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-351A	Crane Company	546CAK116878BN	NA	PS&E AC020-003	1970	Repaired	No

7. Description of Work Disassemble and drill relief hole on 12" Safety Injection System Valve SI-351A

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Static Pressure Head psi Test Temp. 350 deg. F

9. Remarks Test temperature utilized is operational temperature from system
description
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-351A

Work Request Number: 207602

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-20-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. Mager
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code B16.5 1967 Edition, NA Addenda, NA Code Case

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

8. 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-351B	Crane Company	546CAK116878BN	NA	PS&E AC020-004	1970	Repaired	No

7. Description of Work Disassemble and drill relief hole on 12" Safety Injection System Valve SI-351B

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Static
Other ☐ Pressure Head psi Test Temp. 350 deg. F

9. Remarks Test temperature utilized is operating temperature from system description
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-351B

Work Request Number: 207603

Certificate of Compliance

We certify that the statements made in the report are correct and this Repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207738

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 1 Safety Injection

Expiration Date NA

5. (a) Applicable Construction Code B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-13B	Velan Valve Corporation	NA	NA	PS&E SI-116-002	1966	Repaired	No

7. Description of Work Seal weld body to cover joint and replaced bonnet studs on 6" Safety Injection System Valve SI-13B.

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

Other ☐ Pressure 2240 psi Test Temp. 548.3 deg. F

9. Remarks Not Applicable

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-13B

Work Request Number: 207738

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Ryan Metzger
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Date July 6, 1995

Sheet 1 of 2

Unit No. 1

Work Request Number 207753

Type Code Symbol Stamp NA

Authorization No. NA

Expiration Date NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-9B	Velan Valve Corporation	NA	NA	PS&E SI-012-002	1967	Repaired	No

7. Description of Work Investigate 3" Safety Injection System valve SI-9B for blockage

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

Other ☐ Pressure 2150 psi Test Temp. 100 deg. F

9. Remarks Test temperature utilized is operating temperature from system description
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-9B

Work Request Number: 207753

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Lois Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207762

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-6B	Velan Valve Corporation	NA	NA	PS&E SI-016-002	1966	Repaired	No

7. Description of Work Inspect internals on 4" Safety Injection valve SI-6B

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

Other ☐ Pressure 2150 psi Test Temp. 100 deg. F

9. Remarks Test temperature utilized is operating temperature from system description

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-6B

Work Request Number: 207762

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner 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.I.S.A. WIS 38
National Board, State, Province, and Endorsements

Date July 11 19 95

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 July 6, 1995

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 207765

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-7B	Velan Valve Corporation	NA	NA	PS&E SI-015-002	1966	Repaired	No

7. Description of Work Inspect internals on 4" Safety Injection Valve SI-7B

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

Other ☐ Pressure 2150 psi Test Temp. 100 deg. F.

9. Remarks Test temperature utilized is operating temperature from system description
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-7B

Work Request Number: 207765

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Matyja
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207767

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-14B and 2" Piping	Rockwell International	NA	NA	PS&E SI 101-014	1972	Repaired	No

7. Description of Work Cut out 2" Safety Injection piping upstream and downstream of 2" valve SI-14B for loose parts retrieval and replace same.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 120 deg. F

9. Remarks Reinstallation of stainless steel piping including addition of 5
Applicable Manufacturer's Data Reports to be Attached
repaired welds. Test temperature utilized is operating temperature from system
description. Nominal operating pressure test performed in lieu of hydrostatic
test per ASME boiler and pressure vessel code: Code Case N-416-1

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-14B and 2" piping

Work Request Number: 207767

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Baker ISI Analyst
Owner or Owner's Designee, Title

Date

July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

Commissions

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

Date

July 11, 19 95

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 July 6, 1995

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 207768

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-14A and 2" Piping	Rockwell International	NA	NA	PS&E SI101-012	1972	Repaired	No

7. Description of Work Cutout 2" Safety Injection Piping upstream and downstream of 2" valve SI-14A for loose parts retrieval and replace same.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 120 deg. F

9. Remarks Reinstallation of stainless steel piping including addition of 5 repaired welds. Test temperature utilized is operating temperature from system description.
Nominal operating pressure test performed in lieu of hydrostatic test per ASME boiler and pressure vessel code: Code Case N-416-1.

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-14A and 2" Piping

Work Request Number: 207768

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Montgomery
Inspector's Signature

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

Date July 11 19 95

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 July 6, 1995

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 207771

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 Edition, NA Addenda, NA Code Case

(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 IO	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H90	ITT Grinnell Valve Company	NA	NA	NA	1974	Replacement	No

7. Description of Work Removed 2" Safety Injection Sway Strut Hanger RSI-H90 for system flushing operations and replace same.

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: July 6, 1995

Name of Component: RSI-H90

Work Request Number: 207771

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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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[Signature]
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207772

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 Edition, NA Addenda, NA Code Case

(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-H89	ITT Grinnell Valve Company	NA	NA	NA	1974	Replacement	No

7. Description of Work

Removed 2" Safety Injection Sway Strut Hanger RSI-H89 for system flushing operations and replace same.

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: July 6, 1995

Name of Component: RSI-H89

Work Request Number: 207772

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 NA

Certificat of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bukes ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan M. Mufson
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code NA NA Edition, NA Addenda, NA Code Case

(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
Safety Injection Pump 1B	Bingham Pump	290697	NA	PS&E 00048	1970	Repaired	No

7. Description of Work Disassemble and inspect Safety Injection Pump 1B

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

Other ☐ Pressure 2150 psi Test Temp. 100 deg. F

9. Remarks Test temperature utilized is operating temperature from system description

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Safety Injection Pump 1B

Work Request Number: 207776

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Baker ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207787

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 Edition, NA Addenda, NA Code Case

(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
2" mini orifice and 2" piping	Bingham Pump	NA	NA	NA	1967	Repaired	No

7. Description of Work Cutout 2" Safety Injection Piping for 2" mini orifice for loose parts retrieval and replace same.

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

Other ☐ Pressure 2240 psi Test Temp. 100 deg. F

9. Remarks Reinstallation of stainless steel piping included addition of 2 repaired
Applicable Manufacturer's Data Reports to be Attached
welds. Test temperature utilized is operating temperature from system description.
Nominal operating pressure test performed in lieu of hydrostatic per ASME boiler
and vessel code: code case N-416-1.

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: 2" mini orifice and 2" piping

Work Request Number: 207787

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes / ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGowan
Inspector's Signature

Commissions

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 23 Class 2 Containment Spray

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Date July 6, 1995

Sheet 1 of 2

Unit No. 1

Work Request Number 207805

Type Code Symbol Stamp NA

Authorization No. NA

Expiration Date NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
4" Flange	AFCO	51369/54369	NA	NA	1969	Replacement	No

7. Description of Work Open 4" Containment Spray Blank Flange for flushing of system and replace same

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 295 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: July 6, 1995

Name of Component: 4" Flange

Work Request Number: 207805

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. Butkus ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Matyja
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207807

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-8A	Velan Valve Corporation	NA	NA	PS&E SI014-001	1966	Repaired	No

7. Description of Work Open body to bonnet of 3" Safety Injection System valve SI-8A to install flushing flange

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

Other ☐ Pressure 2150 psi Test Temp. 100 deg. F

9. Remarks Test temperature utilized is operating temperature from system description

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-8A

Work Request Number: 207807

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bikes ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Morgan
Inspector's Signature

Commissions

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

Date July 11, 19 95

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 July 6, 1995

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 207810

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-10A and 2" Piping	Rockwell International	NA	NA	PS&E SI-101-011	1972	Repaired	No

7. Description of Work Cutout 2" Safety Injection Piping upstream and downstream of 2" valve SI-10A for loose parts retrieval and flushing of system and replace same

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 120 deg. F

9. Remarks Reinstallation of stainless steel piping included addition of 5 repaired welds. Test temperature utilized is operating temperature from system description. Nominal operating pressure test performed in lieu of hydrostatic test per ASME boiler pressure and vessel code: Code Case N-416-1.

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-10A and 2" Piping

Work Request Number: 207810

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed Phillip C. Bukes I.S.I. Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Loza Montgomerie
Inspector's Signature

Commissions

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

Date July 11, 19 95

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 July 6, 1995

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 207811

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-10B and 2" Piping	Rockwell International	NA	NA	PS&E	1972	Repaired	No
SI-101-013							

7. Description of Work Cutout 2" Safety Injection Piping upstream and downstream of 2" valve SI-10B for loose parts retrieval and flushing of system and replace same.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 2240 psi Test Temp. 120 deg. F

9. Remarks Reinstallation of stainless steel piping included addition of 2

Applicable Manufacturer's Data Reports to be Attached

repaired welds. Test temperature utilized is operating temperature from system

description. Nominal operating pressure test performed in lieu of hydrostatic test
per ASME boiler and pressure vessel code: Code Case N-416-1.

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: SI-10B and 2" Piping

Work Request Number: 207811

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Motz
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207815

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 Edition, NA Addenda, NA Code Case

(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-H79	ITT Grinnel	NA	NA	NA	1974	Replacement	No
	Valve Com an						

led

7. Description of Work Remove 2" Safety Injection Hanger RSI-H79 for system flushing operations and replace same

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: July 6, 1995

Name of Component: RSI-H79

Work Request Number: 207815

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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207816

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 Edition, NA Addenda, NA Code Case

(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-H80	ITT Grinnel Valve Company	NA	NA	NA	1974	Replacement	No

7. Description of Work Remove 2" Safety Injection Hanger RSI-H80 for system flushing operations and replace same.

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: July 6, 1995

Name of Component: RSI-H80

Work Request Number: 207816

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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGuire
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207817

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 Edition, NA Addenda, NA Code Case

(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-H88	ITT Grinnell Valve Company	NA	NA	NA	1974	Replacement	No

7. Description of Work

Remove 2" Safety Injection Hanger RSI-H88 for system flushing operations and replace same.

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: July 6, 1995

Name of Component: RSI-H88

Work Request Number: 207817

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. Bures ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Lozan M. Bures
Inspector's Signature

Commissions

NB7741, I. N. I. S. A. WIS 38

National Board, State, Province, and Endorsements

Date July 11, 19 95

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 July 6, 1995

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 207818

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 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RSI-H70	ITT Grinnell Valve Company	NA	NA	NA	1974	Replacement	No

7. Description of Work Removed 2" Safety Injection Hanger RSI-H70 for system flushing operations and replace same

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: July 6, 1995

Name of Component: RSI-H70

Work Request Number: 207818

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. Baker ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. [Signature]
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H71	ITT Grinnell Valve Company	NA	NA	NA	1974	Replacement	No

7. Description of Work Remove 2" Safety Injection Sway Strut Hanger RSI-H71 for system flushing operations and replace same.

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: July 6, 1995

Name of Component: RSI-H71

Work Request Number: 207819

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 ISI Analyst Date July 7 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogn Morgan Commissions NB7741, I, N, IS, A, WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 11 19 95

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.

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

Date July 6, 1995

Sheet 1 of 2

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

Unit No. 1

Work Request Number 207830

3. Work Performed By Wisconsin Public Service Corp.

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

Type Code Symbol Stamp NA

Authorization No. NA

4. Identification of System 05B Class 2 Auxiliary Feedwater

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H82	ITT Grinnell Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened nut on 3" Auxiliary Feedwater Hanger FDW-H82

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: July 6, 1995

Name of Component: FDW-H82

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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. Buken ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan M. M. M.
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 05B Class 2 Auxiliary Feedwater

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H84	ITT Grinnel Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose nut on 3" Auxiliary Feedwater Hanger FDW-H84

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: July 6, 1995

Name of Component: FDW-H84

Work Request Number: 207830

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bukes I.S.I. Analyst Date July 7, 19 95
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 Pressurs 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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan McGinnis
Inspector's Signature

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

Date July 11 19 95

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 July 6, 1995

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 207830

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 Edition, NA Addenda, NA Code Case

(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-H85	ITT Grinnel Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose nut on 3" Auxiliary Feedwater Hanger FDW-H85

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: July 6, 1995

Name of Component: FDW-H85

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner 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 Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207830

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 Edition, NA Addenda, NA Code Case

(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	Repair, Replaced, or Replacement	ASME Code Stamped
FDW-H88	ITT Grinnell Company	NA	NA	NA	1982	Repaired	No

7. Description of Work Tightened rod assembly on 3" Auxiliary Feedwater Hanger FDW-H88

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: July 6, 1995

Name of Component: FDW-H88

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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. Butkes ISI Analyst Date July 7 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Loan M. [Signature]
Inspector's Signature

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

Date July 11 19 95

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 July 6, 1995

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 207830

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 Q5B Class 2 Auxiliary Feedwater

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H91	ITT Grinnel Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose nuts on 3" Auxiliary Feedwater Hanger FDW-H91

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

Other ☐ Pressure _____ psi Test Temp. _____ deg. F

9. Remarks Not Applicable

Applicable Manufacturer's Date Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: FDW-H91

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 / ISI Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan Morgan
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207830

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 Edition, NA Addenda, NA Code Case

(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-H97	ITT Grinnell Company	NA	NA	NA	1972	Repaired	No

7. Description of Work Tightened loose nut on 3" Auxiliary Feedwater Constant Support Hanger FDW-H97

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: July 6, 1995

Name of Component: FDW-H97

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this Repair 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. Bures ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. [Signature]
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207830

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 Edition, NA Addenda, NA Code Case

(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 Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose bolt on 3" Auxiliary Feedwater Hanger FDW-H100

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

Other ☐ Pressure _____ psi Test Temp. _____ deg. F

9. Remarks Not Applicable

Applicable Manufacturer's Dsts Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: FDW-H100

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Lozan M. M. M.
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 05B Class 2 Auxiliary Feedwater

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H102	ITT Grinnel Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose bolt on 3" Auxiliary Feedwater Hanger FDW-H102

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: July 6, 1995

Name of Component: FDW-H102

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Metzger
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 207830

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 Edition, NA Addenda, NA Code Case

(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-H172	Grinnel Corp.	NA	NA	NA	1974	Repaired	No

7. Description of Work

Tightened loose jam nut on 3" Auxiliary Feedwater Sway Strut Hanger
FDW-H172

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: July 6, 1995

Name of Component: FDW-H172

Work Request Number: 207830

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillips C. Bukes ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. [Signature]
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 11

19

95

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 July 6, 1995

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 207830

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 Edition, NA Addenda, NA Code Case

(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-H174	Grinnel Corp.	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose nuts on 3" Auxiliary Feedwater Hanger FDW-H174

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: July 6, 1995

Name of Component: FDW-H174

Work Request Number: 207830

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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

Signed

Phillip C. Burke ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Royce McGinnis
Inspector's Signature

Commissions

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

Date

July 11

19 95

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 July 6, 1995

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 207832

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 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-H17A	ITT Grinnel Valve Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose jam nuts on 3" Safety Injection Sway Strut Hanger SI-H17A

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: July 6, 1995

Name of Component: SI-H17A

Work Request Number: 207832

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. [Signature]
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 1 Safety Injection

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H103	ITT Grinnel Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose bolt on 6" Safety Injection Hanger RSI-H103

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: July 6, 1995

Name of Component: RSI-H103

Work Request Number: 207832

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Baker ISI Analyst Date July 7 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger McGowan Commissions NB7741, I, N, IS, A WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 11 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 34 Class 1 Residual Heat Removal

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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
RRHR-H2	ITT Grinnel Valve Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Adjusted rod on 8" Residual Heat Removal Hanger RRHR-H2

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: July 6, 1995

Name of Component: RRHR-H2

Work Request Number: 207833

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner 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 Montgomery
Inspector's Signature

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

Date July 11, 19 95

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

1. Owner Wiscnsin Public Service Corp.

Date July 6, 1995

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 207833

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 1 Residual Heat Removal

Expiration Date NA

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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
RRHR-H17	ITT Grinnel Valve Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose anchor bolt on 10" Residual Heat Removal Hydraulic Shock and Sway Suppressor RRHR-H17

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: July 6, 1995

Name of Component: RRHR-H17

Work Request Number: 207833

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Baker ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger M. M... ..
Inspector's Signature

Commissions

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

Date

July 11

19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 36 Class 1 Reactor Coolant

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Date July 6, 1995

Sheet 1 of 2

Unit No. 1

Work Request Number 207834

Type Code Symbol Stamp NA

Authorization No. NA

Expiration Date NA

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RC-H11	ITT Grinnell Valve Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Tightened loose nut on 3" Reactor Coolant Spring Hanger RC-H11

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: July 6, 1995

Name of Component: RC-H11

Work Request Number: 207834

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed Phillip C. Bikes ISI Analyst Date July 7 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Logan Montgomery
Inspector's Signature

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

Date July 11 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H13	ITT Grinnell Valve Company	NA	NA	NA	1974	Repaired	No

7. Description of Work Repair 2" Safety Injection Spring Hanger RSI-H13 by returning to designed cold setting

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: July 6, 1995

Name of Component: RSI-H13

Work Request Number: 207888

Certificate of Compliance

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

Typo Code Symbol Stamp NA

Certificat of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Bures ISI Analyst
Owner or Owner's Designee, Title

Date

July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Metzger
Inspector's Signature

Commissions

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

Date

July 11, 19 95

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 July 6, 1995

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 207911

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 B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-350A	Crane Company	V168110	NA	PS&E AC020-001	1970	Replacement	No

7. Description of Work Replace and clean studs and nuts on 12" safety injection system valve SI - 350A

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: July 6, 1995

Name of Component: SI-350A

Work Request Number: 207911

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 / ISI Analyst
Owner or Owner's Designee, Title

Date

July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger T. Morgan
Inspector's Signature

Commissions

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

Date

July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 33 Class 2 Safety Injection

5. (a) Applicable Construction Code B16.5 1967 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SI-350B	Crane Company	V168110	NA	PS&E AC020-002	1970	Replacement	No

7. Description of Work Replace and clean valve bonnet studs and nuts on 12" safety injection system valve SI-350B

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: July 6, 1995

Name of Component: SI-350B

Work Request Number: 207912

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. Bures ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

700 North Adams P.O. Box 19001 Green Bay, WI 54307-9001
35 Class 2 Chemical and

4. Identification of System Volume Control

5. (a) Applicable Construction Code B31.1 1967 Edition, NA Addenda, NA Code Case

(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-H161	ITT Grinnell Valve Company	NA	NA	NA	1982	Replacement	No

7. Description of Work Remove to accommodate replacement of valve CVC-5A 2" Chemical and Volume Control Shock and Sway Suppressor CVC-H161 and replace same

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: July 6, 1995

Name of Component: CVC-H161

Work Request Number: 207916

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificat of Authorization No. NA

Expiration Date NA

Signed Phillip C. Burke ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rozon M. Quinn
Inspector's Signature

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

Date July 11, 19 95

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 July 6, 1995

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 No. 34-024

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 (1) (1) Edition, NA Addenda, NA Code Case
(1) Section III Class 2 1977 Edition

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-33-1	Crosby Valve and Gage Co.	N62651-00-0001	NA	PS&E AC115-001	1978	Repaired	No

7. Description of Work Test setpoint of 4" residual heat removal system valve RHR-33-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 130 psi Test Temp. 350 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: RHR-33-1

Work Request Number: No. 34-024

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst
Owner or Owner's Designee, Title

Date July 7, 19 95

Certificate of INSERVICE INSPECTION

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Roger M. Molyneux
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date July 11, 19 95

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 July 6, 1995

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 NO. 34-025

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 Edition, NA Addenda, NA Code Case

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR-33	Crosby Ashton Gage Company	NA	NA	PS&E AC107-001	1971	Repaired	No

7. Description of Work Test setpoint of 2" residual heat removal system valve RHR-33

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

Other ☐ Pressure 130 psi Test Temp. 350 deg. F

9. Remarks Test temperature utilized is operating temperature from system description.
Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: RHR-33

Work Request Number: No. 34-025

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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, I.S.I. Analyst Date July 7, 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Rogan M. Bakes
Inspector's Signature

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

Date July 11, 19 95

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.

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

2. Plant Kewaunee Nuclear Power Plant

N490 HWY 42 Kewaunee, WI 54216-9510

3. Work Performed By Wisconsin Public Service Corp.

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

4. Identification of System 36 Class 1 Reactor Coolant

5. (a) Applicable Construction Code (1) (1) Edition, (1) Addenda, (1) Code Case
(1) Section III Class A 1965 Edition Winter 1966 Addenda.
(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
Steam Generator 1A	Westinghouse	1141	68-28	PS&E 134-031	1968	Repaired	Yes

7. Description of Work Install weld and mechanical plugs in tubing of 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

NIS-2 (Back)

Sheet 2 of 2

Date: July 6, 1995

Name of Component: Steam Generator 1A

Work Request Number: PM 36-064

Certificate of Compliance

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

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Baker ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Roger Morgan
Inspector's Signature

Commissions

NB7741, I.N.I.S.A. WIS 38

National Board, State, Province, and Endorsements

Date

July 11

19

95

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 July 6, 1995

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 36-066

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 (1) (1) Edition, (1) Addenda, (1) Code Case
(1) Section III Class A 1965 Edition Winter 1966 Addenda
(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
Steam Generator 1B	Westinghouse	1142	68-29	PS&E 134-032	1968	Repaired	Yes

7. Description of Work Install weld and mechanical plugs in tubing of 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: July 6, 1995

Name of Component: Steam Generator 1B

Work Request Number: PM 36-066

Certificate of Compliance

We certify that the statements made in the report are correct and this repair 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 ISI Analyst Date July 7 19 95
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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Roger Morgan Commissions NB7741, I, N, IS, A, WIS 38
Inspector's Signature National Board, State, Province, and Endorsements
Date July 11 19 95

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 July 6, 1995

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 101119

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 Edition, NA Addenda, NA Code Case

(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-100A	Rockwell International	NA	NA	PS&E ICS014-002	1972	Replacement	No

7. Description of Work Replace gasket on 1½" Containment Spray Valve ICS-100A.

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

Other ☐ Pressure 295 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: July 6, 1995

Name of Component: ICS-100A

Work Request Number: PM 101119

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 NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Phillip C. Baker ISI Analyst
Owner or Owner's Designee, Title

Date

July 7

, 19 95

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 6-16-94 to 6-30-95, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rogan Molyneux
Inspector's Signature

Commissions

NB7741, I. N. S. A. WIS 38

National Board, State, Province, and Endorsements

Date

July 11

19

95

ATTACHMENT 6

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

August 11, 1995

Wisconsin Public Service Corporation
Kewaunee Nuclear Power Plant

4th Outage; 3rd Period; 2nd Interval
1995

Examination Summary

Introduction

An Inservice Examination Program was performed at the Kewaunee Nuclear Power Plant from March 14, 1995 thru June 5, 1995 by Westinghouse Electric Corporation - WesDyne International, Lambert Mac Gill and Thomas Incorporated and Wisconsin Public Service Corporation - Kewaunee Nuclear Power Plant Examination Personnel.

Examinations were performed to satisfy the requirements of:

- o ASME Boiler and Pressure Vessel Code Section XI 1980 Edition up to and including Winter 1981 Addenda
- o ASME Boiler and Pressure Vessel Code Section XI 1986 Edition for IWF-2500-1 VT-3 Examinations
- o United States Nuclear Regulatory Commission Regulatory Guide 1.150 Rev. 1

The Examination Program Plan located under Tab C was prepared by Wisconsin Public Service Corporation - Kewaunee Nuclear Power Plant for the 4th Outage; 3rd Period; 2nd Interval as identified in the 2nd Ten Year Inservice Inspection Plan June 16, 1984 - June 16, 1994. The Second Interval, as permitted by ASME Boiler and Pressure Vessel Code Section XI 1980 Edition up to and including Winter 1981 Addenda Paragraph IWA-2400(c), was extended thru June 16, 1995.

The following items were examined (Reference Tab C):

- o Reactor Vessel: Circumferential, Shell to Flange, Nozzle to Vessel and Nozzle to Safe End Welds; Nozzle Inside Radius Sections and Integrally Welded Attachments
- o Reactor Vessel: Interior Surface, Interior Attachments within and beyond Beltline Region and Core Support Structures
- o Class 1 Reactor Vessel Supports
- o Class 2 and Class 3 System Inservice and Functional Pressure Tests

The examinations performed were in accordance with an approved Examination 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.

Witnessing and surveillance of the examinations were conducted by: United States Nuclear Regulatory Commission, Hartford Steam and Boiler Inspection and Insurance Company and Wisconsin Public Service Corporation Quality Assurance Department.

Reactor Vessel Introduction

The Kewaunee Nuclear Power Plant Reactor Vessel was examined remotely during the period from April 12, 1995 to April 17, 1995. The examination was conducted using the Westinghouse Reactor Vessel Inspection Tool and utilizing the UDRPS 2 Ultrasonic Data Recording and Processing System to provide continuous Multi-channel digital data acquisition. The processed A-scan data was permanently recorded on optical disks which were used for "off-line" data analysis.

System calibration, calibration confirmation, and examination of the reactor vessel welds was performed in accordance with approved procedure WPS-ISI-254, Rev. 2 (Tab H) which is based on the requirements of the ASME Boiler and Pressure Vessel Code Section XI 1980 Edition, up to and including Winter 1981 Addenda. In addition, the USNRC Regulatory Guide 1.150, Rev. 1, (Appendix A) was utilized as applicable.

The required examinations, as detailed in the "Examination Program Plan" (Tab C), were conducted using the contact ultrasonic method, to the extent practical, with the access provided and within the limitations of component geometry. Detailed parameters for the examination of each individual weld or area, including the location of each scan with reference to the vessel axis and datums, the number of scan increments, and the incremental distance between scans are detailed in the reactor vessel computer printouts (Tab I).

A manual ultrasonic examination of the reactor vessel upper shell to flange weld was performed from the seal flange surface in accordance with approved procedure WPS-ISI-54, Rev. 1, Tab H.

A manual ultrasonic examination of reactor vessel threads in flange was performed from around stud holes in accordance with approved procedure WPS-ISI-55, Rev. 1, Tab H.

Reactor Vessel Calibration

System calibration was performed on reference standards supplied by Kewaunee Nuclear Power Plant and Westinghouse Electric Corporation. Specific reflectors and calibration requirements are detailed in the "Reactor Vessel Inservice Examination Program Plan" (Tab I). System calibration confirmation and final calibration were performed on secondary standards (for automated examination) designed to simulate specific calibration reflectors and encompassing metal path distances as recorded in the initial system calibration.

Reactor Vessel Results

As a result of the examinations performed, a total of 10 indications were recorded. These indications were characterized in accordance with the requirements of ASME Section XI IWA-3000 and the dimensions were compared to the applicable acceptance standards of ASME Section XI IWB-3000 and found to be acceptable.

Reference Tab F for Reactor Vessel Indication Assessment Data Sheets.

Class 2 and Class 3 System - Inservice and Functional Pressure Test Introduction

Class 2 and Class 3 System Pressure Tests were performed to satisfy 3rd Period and End of Interval requirements for ASME Boiler and Pressure Vessel Code Section XI 1980 Edition up to and including Winter 1981 Addenda. System Inservice and Functional Pressure Tests were performed in lieu of System Hydrostatic Tests as permitted by ASME Boiler and Pressure Vessel Code: Code Case N-498 and N-498-1 which were approved thru the United States Nuclear Regulatory Guide 1.147 Rev. 9 and letter Docket No. 50-305 Relief Request RR-G-1 from the United States Nuclear Regulatory Commission to Wisconsin Public Service Corporation dated February 15, 1995.

Class 2 and Class 3 System Inservice and Functional Pressure Test Results

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

XK-100-20: CC-610B

XX-100-38: Boric Acid Transfer Pump 1A, Boric Acid Transfer Pump 1B

M202 Sh. 1: SW-44A2, SW-45B1

M202 Sh. 2: SW-500A, SW-500B

M203: BT-1B1, BT-40A

M218: Spent Fuel Pool Pump 1B

M547: SW-901A-1, SW-901C-1

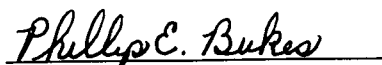
These indications were (1) evaluated and accepted or (2) repaired, reexamined and accepted by; Wisconsin Public Service Corporation Operations, Maintenance, Quality Control, Inservice Inspection and Health Physics Departments and reviewed by the Authorized Nuclear Inservice Inspector.

Specific Data relative to the above Reactor Vessel and Class 2 and Class 3 System Pressure Test Indications and their disposition are located under Tab D and Tab F of Volume 1 of the Final Report.



07/13/95
Date

Westinghouse WesDyne International
Inservice Inspection Coordinator



July 14, 1995
Date

Phillip E. Bukes
Kewaunee Nuclear Power Plant
Plant Inservice Inspection Analyst

ATTACHMENT 7

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

August 11, 1995

Wisconsin Public Service Corporation
Kewaunee Nuclear Power Plant

1st Outage, 1st Period, 3rd Interval

REMOTE REACTOR VESSEL EXAMINATION SUMMARY

1995

INTRODUCTION

The Kewaunee Nuclear Power Plant Reactor Pressure Vessel was examined remotely during the period from April 12, 1995 to April 17, 1995. The examination was conducted using the Westinghouse Reactor Vessel Inspection Tool and utilizing the UDRPS 2 Ultrasonic Data Recording and Processing System to provide continuous Multi-channel digital data acquisition. The processed A-scan data was permanently recorded on optical disks which were used for "off-line" data analysis.

System calibration, calibration confirmation, and examination of the reactor vessel welds was performed in accordance with approved procedure WPS-ISI-254, Rev. 2 (Tab H) which is based on the requirements of the ASME Boiler and Pressure Vessel Code Section XI 1989 Edition, for the Interval 3 scope of examinations. In addition, the USNRC Regulatory Guide 1.150, Rev. 1, (Appendix A) was utilized as applicable.

The required examinations, as detailed in the "Examination Program Plan" (Tab C), were conducted using the contact ultrasonic method, to the extent practical, with the access provided and within the limitations of component geometry. Detailed parameters for the examination of each individual weld or area, including the location of each scan with reference to the vessel axis and datums, the number of scan increments, and the incremental distance between scans are detailed in the reactor vessel computer printouts (Tab I).

A manual ultrasonic examination of the reactor vessel upper shell to flange weld was performed from the seal flange surface in accordance with approved procedure WPS-ISI-54, Rev. 1, Tab H.

A manual ultrasonic examination of reactor vessel threads in flange was performed from around stud holes in accordance with approved procedure QCP-914, Rev. Orig., Tab. H.

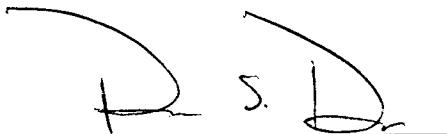
CALIBRATION

System calibration was performed on reference standards supplied by Kewaunee Nuclear Power Plant and Westinghouse Electric Corporation. Specific reflectors and calibration requirements are detailed in the "Reactor Vessel Inservice Examination Program Plan" (Tab I). System calibration confirmation and final calibration were performed on secondary standards (for automated examination) designed to simulate specific calibration reflectors and encompassing metal path distances as recorded in the initial system calibration.

EXAMINATION RESULTS

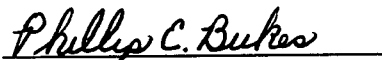
As a result of the examinations performed, a total of fifty-one (51) indications (having peak amplitudes which required that bounding measurements be taken for through-wall and length dimensions) were recorded. Thirty-six (36) indications recorded in weld RV-W7 and fifteen (15) recorded in weld RV-W10. These indications were characterized in accordance with the requirements of ASME Section XI, IWA-3000 and the dimensions were compared to the applicable acceptance standards of ASME Section XI 1989 Edition, IWB-3512 and found to be acceptable.

Reference Tab F for reactor vessel indication assessment data sheets.



07/13/95
Date

Westinghouse WesDyne International
Inservice Inspection Coordinator



July 14, 1995
Date

Phillip E. Bukes
Kewaunee Nuclear Power Plant
Plant Inservice Inspection Analyst

**WISCONSIN PUBLIC SERVICE CORPORATION
KEWAUNEE NUCLEAR POWER PLANT
3RD INTERVAL; 1ST PERIOD; 1ST OUTAGE
1995
EXAMINATION SUMMARY**

INTRODUCTION

An Inservice Inspection (ISI) Program was performed at the Kewaunee Nuclear Power Plant (KNPP) from March 29, 1995 through May 14, 1995 by KNPP and Lambert, MacGill and Thomas, Inc. (LMT) examination personnel.

Examinations were performed to satisfy the requirements of:

- ASME Boiler and Pressure Vessel Code Section XI 1989 Edition (ASME Section XI)
- United States Nuclear Regulatory Commission (NRC) Generic Letter 88-05

The Examination Program Plan (see Tab C) and Procedures were prepared and approved by KNPP with the exception of Automated Ultrasonic procedures prepared by LMT and approved by KNPP. In addition, personnel, equipment and material certifications were reviewed and approved prior to the start of examinations. Examinations were performed as scheduled in the KNPP Third Ten Year Inservice Inspection (ISI) Program (1994-2004) and the KNPP Augmented Examination Plan.

Examinations were observed by the NRC, Hartford Steam Boiler Inspection and Insurance Company and the KNPP Quality Assurance group.

The following items were examined:

- Reactor Vessel: Head to Flange Weld, Closure Head Bolting and Conoseal Bolting
- Pressurizer: Circumferential and Longitudinal Shell to Head Welds, Nozzle Inside Radius Sections and manway bolting
- Steam Generator A: Reactor Coolant Nozzle Inside Radius Sections, Mainsteam Nozzle Inside Radius and Nozzle to Shell Weld
- Steam Generator B: Reactor Coolant Nozzle Inside Radius Sections
- Class 1 and 2 Piping Welds
- Class 1 Flange Bolting

- Reactor Coolant Pump 1A: Main Flange Bolting
- Class 1 Valve Bonnet Bolting
- RHR Heat Exchanger 1A: Shell and Head Circumferential Welds
- Class 2 Integrally Welded Attachments
- Charging Pump Pulsation Dampener 1A: Head Circumferential Weld
- Class 1, 2, and 3 Component and Piping Supports
- Class 1 System Pressure Test
- Additional examinations to satisfy requirements of ASME Section XI, paragraphs IWC-2430 and IWF-2430

Examination

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.

Results

The recordable indications detected during the 1995 Outage are listed in Table 1. It should be noted that KNPP examination procedure recording criteria is more conservative than the ASME Section XI acceptance standards.

Type of Recordable Indication (RI)	No. of RI's
Component Supports	23
System Pressure Tests	4
Piping	11
Valve Bonnet Bolting	1
Total	39

Table 1

Recordable indications were noted during performance of manual and subsequent automated Ultrasonic Examinations (UT) of the Class 2 Feedwater (FW) nozzle to pipe welds. A total of 113 recordable indications were plotted circumferentially around each FW nozzle to pipe weld located on Steam Generator 1A and 1B. The indications were evaluated in accordance with ASME Section XI IWB-3000 and IWC-3000 acceptance standards. Ninety (90) of the 113 indications were unacceptable. The indications were accepted through analytical evaluation as permitted by ASME Section XI Paragraph IWB-3142.4 and IWB-3600. The evaluation is documented in Westinghouse Electric Corporation WCAP-14359 "Structural Integrity Evaluation for the Feedwater Nozzle Safe End Region of the Kewaunee Nuclear Power Plant". The evaluation is acceptable as documented in a NRC letter to KNPP dated May 9, 1995. The letter includes the safety evaluation performed (ref. KNPP Docket No. 50-305). Tentative reexamination plans include both radiography and automated UT examination of the FW nozzle to pipe welds in 1996. Also, a demonstration of the detection and sizing techniques used will be performed prior to the 1996 refueling outage as stated in KNPP Commitment Tracking No. 95-046. As required by ASME Section XI Paragraph IWC-2420 "Successive Inspections", the FW nozzle to pipe welds will be ultrasonically examined during the 1998 refueling outage.

All recordable indications were corrected or accepted by ASME Section XI acceptance criteria, repair/replacement or evaluation. A detailed description of recordable indications and their disposition is included in Tab F of Volume 2 of 4 of the final report. Re-examinations and additional examinations were performed as required by ASME Section XI.

Summary

An Inservice Inspection Program was performed at the Kewaunee Nuclear Power Plant (KNPP) from March 29, 1995 through May 14, 1995 to satisfy the requirements of ASME Section XI and NRC Generic Letter 88-05. Examinations were performed as scheduled in the KNPP Third Ten Year Inservice Inspection (ISI) Program (1994-2004) and KNPP Augmented Examination Plan. A total of 39 recordable indications were detected. All recordable indications were corrected or accepted by ASME Section XI acceptance criteria, repair/replacement or evaluation. The 1995 ISI Final Report documents examinations performed during the 1995 Refueling Outage.



Eric A. Balstad

Engineering & Technical Support Technician

ATTACHMENT 8

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

August 11, 1995

EDDY CURRENT EXAMINATION

**Wisconsin Public Service Corporation
Kewaunee, Unit 1**

Steam Generators A & B

April 1995

SUMMARY OF RESULTS

An eddy current examination was performed at the Kewaunee Nuclear Power Plant in April, 1995 on Steam Generators A and B. The examination was performed using the Zetec MIZ-30A Digital Acquisition System and EddyNet Analysis Software, Version 27.

The examination was performed from the inlet and outlet sides using the SM-22 remote fixtures. The eddy current data was collected on hard drives, then transferred by frame relay to the primary and secondary analysts. The data was also transferred to three optical disks, along with primary, secondary and final resolution results. Two copies of the data were left at the site and the other copy will be stored at our Benicia, California office.

All analysts (primary, secondary and resolution) have successfully completed a site specific performance demonstration test prior to analyzing data from the current inspection. The results of the performance demonstration tests are located in Appendix F of this report.

A full length bobbin coil examination was performed on 3101 tubes in Steam Generator A and 3140 tubes in Steam Generator B. These numbers include 41 tubes in Steam Generator A and 47 tubes in Steam Generator B that were unplugged in an attempt to return them to service.

SUMMARY OF RESULTS (Continued)

Page Two

The motorized rotating pancake coil (MRPC) examination included 963 full length crevices in Steam Generator A and 1041 crevices in Steam Generator B. An MRPC exam was also performed on all Row One U-bends and selected Row 2 tubes in Steam Generators A and B. The total number of U-bends examined with MRPC were 86 in Steam Generator A and 43 in Steam Generator B. A special motorized rotating coil (Plus-Point) examination was performed on 2113 upper sleeve expansions and 64 lower sleeve expansions in Steam Generator A and 2079 upper expansions and 63 lower expansions in Steam Generator B. The Plus-Point examination of the sleeve expansions was increased from the original scope of 21 percent due to the high number of indications found.

All distorted indications reported in the free span of the tubing at the support plates or in the cold leg tubesheet, all support plate indications equal to or greater than 1.5 volts and all dents equal to or greater than 5.0 volts reported at support plates were examined with the 3-coil MRPC probe.

All the bobbin coil, MRPC and Plus-Point examinations were evaluated by both a primary (Rockridge) and a secondary (Zetec) analyst. "Kewaunee Nuclear Power Plant 1995 Steam Generator Eddy Current Data Analysis Guidelines" were used for evaluation. Any discrepancies in reported results were resolved to a final result. All bobbin data was evaluated using APC voltage setting as stated on page 88 of the "Steam Generator Data Analysis Guidelines."

In Volume II of this report are the computer printouts and tube sheet maps of the complete results of the examination. The examination results are summarized below.

Steam Generator A

The MRPC examination of the tube sheet crevices revealed 43 tubes with single or multiple axial indications between the top of the hot leg tube sheet and the tube end. Also, two (2) tubes in which plugs were removed were reported as having single circumferential indications at the roll transition area 1.2 inches from the hot leg tube end bringing the total number of tubes with indications in the hot leg tube sheet to 45.

The MRPC of the U-bend area found one tube, Row 1 Column 33 to have a single axial indication.

SUMMARY OF RESULTS (Continued)**Page Three**

The Plus-Point examination of the sleeved tubes revealed 431 tubes with circumferential parent tube flaws (PTF) at or above the hard roll of the upper expansion. Several other tubes were reported with parent tube flaws but they were located at or below the bottom of the upper expansion (BUE) and were not considered repairable indications. I-coil data was collected on several tubes to compare the indications with the Plus-Point probe and to compare the exam to the 1994 examination.

The bobbin coil examination using APC applied voltages discovered one (1) tube, Row 2 Column 34, with an indication at the support plate that was equal to or greater than 2.0 volts. All non-quantifiable indications reported were examined with the MRPC probe and when these indications were not confirmed, the code was changed to a non-indication code, i.e. DCI=DCS, DSI=DSS, DTI=DTS, NQI=NQS, and left in the data base for tracking in future examinations.

After the initial eddy current examination was performed, the plugs from 41 tubes were removed. An eddy current examination was then performed on these tubes and 36 tubes were returned to service. The total number of tubes now removed from service in Steam Generator A is 771.

Steam Generator B

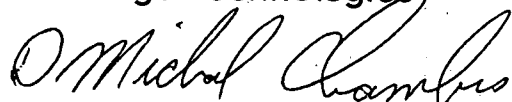
The MRPC examination of the tube sheet crevices revealed 36 tubes with single or multiple axial indications between the top of the hot leg tube sheet and the tube end. The MRPC of the U-bend area from one tube, Row 3 Column 48 to have a single axial indication.

The Plus-Point examination of the sleeved tubes revealed 221 tubes with circumferential parent tube flaws (PTF) at or above the hard roll of the upper expansion. Several other tubes were reported with parent tube flaws but they were located at or below the bottom of the upper expansion (BUE) and were not considered repairable indications. I-coil data was collected on several tubes to compare the indications with the Plus-Point probe and to compare the exam to the 1994 examination.

SUMMARY OF RESULTS (Continued)**Page Four**

The bobbin coil examination using APC applied voltages discovered 9 tubes with indications at support plates that were equal to or greater than 2.0 volts. All non-quantifiable indications reported were examined with the MRPC probe and when these indications were not confirmed the code was changed to a non-indication code, i.e. DCI=DCS, DSI=DSS, DTI=DTS, NQI=NQS, and left in the data base for tracking in future examinations.

After the initial eddy current examination was performed, the plugs were removed from 47 tubes. An eddy current exam was then performed on these tubes and 45 tubes were returned to service. The total number of tubes now removed from service in Steam Generator B is 518.

Rockridge Technologies

D. Michael Chambers
Data Analyst, Level III

ATTACHMENT 9

Letter from M. L. Marchi (WPSC)

To

Document Control Desk (NRC)

Dated

August 11, 1995

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. The inspection performed during the 1994 outage showed increased wear and as a result WPSC committed to reinspect the thimbles during the 1995 outage and determine a revised inspection schedule. A summary of the 1993, 1994 and 1995 inspection results is given below.

No of Thimbles			
<u>Wear (%)</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>
1-19	6	1	1
20-29	14	5	8
30-39	12	13	12
40-49	3	15	12
50-59	0	1	2

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. Following the 1995 refueling outage most of the fuel used will have the new lower tie plate which should help minimize any additional wear.

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. One repositioned tube (K-7) had an indication of 32-40 percent wall loss at the new wear location. This thimble was isolated due to the excessive amount of wear observed in one cycle. The other six repositioned tubes did not indicate wear at the new wear location. With the exception of K-7 as described above, no other tube recorded a significant increase in wall loss during the past cycle.

Based on the results of the 1993, 1994 and 1995 inspections, the thimbles will be reinspected during the 1996 outage.