

January 4, 2010

ATTN: Document Control Desk U. S. Nuclear Regulatory Commission Washington, DC 20555-0001

Serial No. 09-723 LIC/NW/R0 Docket No. 50-305 License No. DPR-43

DOMINION ENERGY KEWAUNEE, INC. KEWAUNEE POWER STATION 2009 INSERVICE INSPECTION SUMMARY REPORT

As required by American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Section XI, 10 CFR 50.55a, and Wisconsin Administrative Code, Department of Commerce, Comm 41.55(3), various inservice inspection (ISI) examinations were performed during the 2009 refueling outage at the Kewaunee Power Station (KPS). The 2009 refueling outage took place from September 26, 2009 through October 22, 2009. This letter transmits the Inservice Inspection Summary Report as required by paragraph IWA-6230 of ASME Section XI.

Two separate ASME Section XI inservice inspection programs are implemented at KPS. One program is for pressure retaining piping/vessels and component supports, and the other program is for the metal containment. The 2009 refueling outage inservice inspections met the requirements of these two distinct inspection programs as identified below:

- a. Class 1, Class 2, and Class 3 component inspections were performed for the second inspection outage of the second period of the fourth interval. These inspections met the requirements of ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda with implementation in accordance with the KPS Fourth Ten-Year Inservice Inspection (ISI) Program 2004-2014.
- b. Class MC component inspections were performed for the second inspection outage of the first period of the second interval. These inspections met the requirements of ASME Boiler and Pressure Vessel Code Section XI, 2001 Edition, 2003 Addenda with implementation in accordance with the KPS Second Ten-Year Inservice Inspection (ISI) Class MC Program 2006-2016.

The following examinations and tests were performed for Class 1, Class 2, and Class 3 components and their supports:

- Reactor vessel upper and lower internals
- Pressurizer circumferential and longitudinal welds
- Pressurizer surge nozzle to safe end

HO4 1 NRR

- Pressurizer integrally welded attachment
- Steam generator primary nozzle to safe end welds
- Class 1, Class 2, and Class 3 piping and component supports and hangers
- Class 1 and Class 2 steam generator primary manway bolting, pressurizer manway bolting, flange bolting, and valve bonnet bolting
- Class 1 and Class 2 preservice of safety injection and residual heat removal piping, supports and gas collection chamber
- Letdown heat exchanger circumferential weld and integrally welded attachments
- Residual heat exchanger circumferential weld
- Seal water injection filter circumferential weld
- Class 1 system leakage test
- Class 2 and Class 3 system leakage tests

The following items were examined for the Class MC reactor building containment vessel:

- Accessible surface areas
- Moisture barriers
- Bolted connections

Hydraulic snubbers were examined as required by KPS Technical Specification 4.14, "Testing and Surveillance of Shock Suppressors (Snubbers)."

Documentation summarizing the inservice inspection activities performed during the KPS 2009 refueling outage and associated results is provided in attachments 1-9 of this letter. The final reports for each of these examinations are maintained in the Quality Assurance/Quality Control Records Vault at KPS. Attachment 9 includes Form OAR-1 and Form NIS-2A. These forms are submitted in addition to Forms NIS-1, "Owner's Report for Inservice Inspection Class 1, Class 2 and Class 3 Components for Fourth Ten-Year Interval," and Forms NIS-2, "Owner's Repair/Replacement Activities." It is expected that as KPS approaches the end of the Fourth Ten-Year Interval and prepares for the Fifth Ten-Year Interval, the site will cease to submit Forms NIS-1 and NIS-2.

The next refueling outage at KPS is tentatively scheduled for the spring of 2011.

If you have questions or require additional information, please feel free to contact Mr. Craig Sly at 804-273-2784.

Very truly yours,

rice. President – Nuclear Engineering

Attachments:

- 1. Summary of Recordable Indications (RIs) and Disposition
- 2. Summary of Class 1 and Class 2 Repair/Replacement Activities for Components 1-Inch in Diameter or Smaller
- 3. "Form NIS-1 Owner's Report for Inservice Inspections," Class 1, Class 2, and Class 3 Components, Fourth Ten-Year Interval
- 4. "Form NIS-1 Owner's Report for Inservice Inspections," Class MC Components, Second Ten-Year Interval
- 5. "Form NIS-2 Owner's Report for Repair/Replacement Activities" (33 Total)
- 6. Examination Summary, Class 1, Class 2, and Class 3 Inservice Inspection Program, Fourth Ten-Year Interval
- 7. Examination Summary, Class MC Program Inservice Inspection, Second Ten-Year Interval
- 8. Summary of Examinations that were Limited by Geometric, Metallurgical, or Design/Access Restrictions and Associated Data Sheets (10 Total)
- 9. "Form OAR-1 Owner's Activity Report," Table 1 and "Form NIS-2A Repair/Replacement Certification Record," Table 2

Commitments made by this letter: NONE

cc: Regional Administrator U. S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4352

> Mr. P. S. Tam Sr. Project Manager U.S. Nuclear Regulatory Commission One White Flint North, Mail Stop O8-H4A 11555 Rockville Pike Rockville, MD 20852-2738

NRC Senior Resident Inspector Kewaunee Power Station

ATTACHMENT 1

2009 INSERVICE INSPECTION SUMMARY REPORT

SUMMARY OF RECORDABLE INDICATIONS (RIs) AND DISPOSITION

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

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Type Or Location Of Recordable Indication (RI)	Examination Method	No. RIs (Description)
1. Reactor Building Containment Vessel	General Visual	1 (Plate Moisture Barrier)
2. Reactor Vessel Upper Internals	VT-3	1 (Conduit)
3. Seal Water Injection Filter	Ultrasonic	1 (Weld-Ultrasonic Indications)
4. Gas Collection Chamber	Liquid Penetrant	1 (Weld)
5. Piping Supports and Hangers	Visual (VT-3)	1 (Support)
6. Valve Bonnet Bolting, Reactor Coolant Pump Bolting, Flange Bolting and Pressurizer Manway Bolting	Visual (VT-3)	10 (Items)
7. System Leakage Pressure Tests	Visual (VT-2)	41 (Items)

SUMMARY OF RECORDABLE INDICATIONS (RIs) AND DISPOSITION

Dispositioning of Class 1, Class 2, and Class 3 indications has been completed in accordance with the rules of American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda for Fourth Ten-Year Interval examinations. Dispositioning of Class MC components has been completed in accordance with the rules of ASME Boiler and Pressure Vessel Code Section XI, 2001 Edition, 2003 Addenda for Second Ten-Year Interval examinations. Applicable codes, standards, and engineering criteria were used to disposition indications associated with the non-code-required examinations. Recordable indications for Class 1, Class 2, Class 3, and Class MC components have been summarized with disposition as noted below:

- 1. General visual indications consisting of two separations in the moisture barrier of Plate 67. The moisture barrier was repaired under Work Order KW100588970, reexamined and accepted.
- 2. Recordable indication was recorded on the reactor vessel upper internals upper support plate thermocouple conduit at location C-3. The separated conduit cable was previously recorded in 1995, 2004, and 2006. The separated conduit at location C-3 showed no noticeable change in separation and was previously acceptable under the Kewaunee Power Station (KPS) Corrective Action Program.

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- 3. Ultrasonic 0° and 60° indications were recorded on the seal water injection filter 1A head circumferential weld AFSI-W2. These indications were acceptable per ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda, Table IWB-3514-2 and IWC-3510-2. The 0° indications were typical of the flaws recorded on seal water injection filters 1A and 1B during refueling outages 1982, 1986, 1988, 1992, 1998, and 2001.
- 4. One linear indication (2.5" in length) was recorded on the gas collection chamber 6" circumferential weld SI-W603. The linear indication was unacceptable per ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda, Table IWB-3514-2. The linear indication was removed by buffing, reexamined, and acceptable to ASME Boiler and Pressure Vessel Code Section XI, 1998 Edition, 2000 Addenda Standards.
- 5. Visual (VT-3) indication recorded on 16" feedwater piping support FDW-H116 was evaluated and accepted by KPS Engineering and Inservice Inspection (ISI) personnel and reviewed by the Authorized Nuclear Inservice Inspector.
- 6. Visual (VT-3) indications recorded on valve bonnet bolting (five valves), reactor coolant pump bolting (main flange and No. 1 seal housing bolting), flange bolting (two flanges) and pressurizer manway bolting (one manway) were (1) evaluated and accepted, or (2) repaired, reexamined, and accepted by KPS Engineering or ISI personnel. All dispositioned indications were and reviewed by the Authorized Nuclear Inservice Inspector.
- 7. Visual (VT-2) indications recorded during system leakage pressure tests (41 items). These indications were (1) evaluated and accepted, or (2) repaired, reexamined, and accepted by KPS Engineering or ISI personnel. All dispositioned indications were reviewed by the Authorized Nuclear Inservice Inspector.

ATTACHMENT 2

2009 INSERVICE INSPECTION SUMMARY REPORT

SUMMARY OF CLASS 1 AND CLASS 2 REPAIR/REPLACEMENT ACTIVITIES FOR COMPONENTS 1-INCH IN DIAMETER OR SMALLER

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

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SUMMARY OF CLASS 1 AND CLASS 2 REPAIR/REPLACEMENT ACTIVITIES FOR COMPONENTS 1 INCH IN DIAMETER OR SMALLER

The following summarizes the repairs and replacements performed following the 2008 refueling outage and during the 2009 refueling outage by grinding, buffing, filing, cutting, or welding on the Class 1 and Class 2 pressure boundaries. These repairs and replacements are in addition to those itemized on the enclosed forms, "NIS-2 Owner's Report for Repair/Replacement Activity" and "NIS-2A Repair/Replacement Certification Record."

Component	Class	Reference Drawing	Repair/Replacement Method
Three 3/4" welded plugs	2	XK-100-28	Welding in three 3/4" pipe plugs
3/4" valve SI-39A	2	XK-100-28	Welding in replacement 3/4" valve
1" welds by SI-100A	2	XK-100-28	Welding in 1" welds by SI-100A
1" valve SI-100A	2	XK-100-28	Welding in new 1" valve SI-100A
1" valve SI-100B	2	XK-100-28	Welding in new 1" valve SI-100B
1/2" valve SI-301A-1	2	XK-100-29	Welding in new 1/2" valve
3/4" valve SI-301B-1	2	XK-100-29	Welding in new 3/4" valve
3/4" valve SI-4A-1	2	XK-100-29	Welding in new 3/4" valve
3/4" valve SI-4B-1	2	XK-100-29	Welding in new 3/4" valve
3/4" valve MS-23001-1	2	• M-203	Welding in replacement 3/4" valve
3/4" valve MS-23001-2	2	M-203	Welding in replacement 3/4" valve
3/4" valve MS-23002-1	2	M-203	Welding in replacement 3/4" valve
3/4" valve MS-23002-2	2	M-203	Welding in replacement 3/4" valve
3/4" valve MS-23005-1	2	M-203	Welding in replacement 3/4" valve
3/4" valve MS-23005-2	12	M-203	Welding in replacement 3/4" valve
3/4" valve MS-23007-1	2	M-203	Welding in replacement 3/4" valve
3/4" valve MS-23007-2	2	M-203	Welding in replacement 3/4" valve

ATTACHMENT 3

2009 INSERVICE INSPECTION SUMMARY REPORT

"FORM NIS-1, OWNER'S REPORT FOR INSERVICE INSPECTIONS" CLASS 1, CLASS 2, AND CLASS 3 COMPONENTS FOURTH TEN-YEAR INTERVAL

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

Page 1 of 10

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

1. OWNER – DOMINION ENERGY KEWAUNEE, INC. N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9511

2. PLANT - KEWAUNEE POWER STATION, N490 HWY 42, KEWAUNEE, WISCONSIN 54216-9511

3. PLANT UNIT - NO. 1

4. OWNER CERTIFICATE OF AUTHORIZATION - N/A

5. COMMERCIAL SERVICE DATE - JUNE 16, 1974

6. NATIONAL BOARD NUMBER FOR UNIT - N/A

COMPONENT OR APPURTENANCE	MANUFACTURER <u>OR INSTALLER</u>	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>
Reactor Vessel RV	Combustion Engineering	CE69202	U11480	21010
Replacement Reactor Vessel Closure Head	Mitsubishi Heavy Industries	B-VH-N06	U11480	5845
Pressurizer PZR	Westinghouse	1151	U11402	68-23
Steam Generator SG- 1A	Westinghouse/ Ansaldo Energia Milano	1141/ 0202	U11400	68-28/151
Steam Generator SG- 1B	Westinghouse/ Ansaldo Energia Milano	1142/0201	U11401	68-29/150
Excess Letdown Heat Exchanger AHEL-1A	Sentry	3996-5E	U11407	364
Excess Letdown Heat Exchanger AHEL-1B	Sentry	3996-6E	U11408	365
Class 1 Piping	Texas Pipe Bending		· · ·	
Reactor Coolant Pump RCP-1A	Westinghouse	1A-1-618J871- GO1		

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

1. OWNER – DOMINION ENERGY KEWAUNEE, INC. N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9511

2. PLANT -- KEWAUNEE POWER STATION, N490 HWY 42, KEWAUNEE, WISCONSIN 54216-9511

3. PLANT UNIT - NO. 1

4. OWNER CERTIFICATE OF AUTHORIZATION - N/A

5. COMMERCIAL SERVICE DATE - JUNE 16, 1974

6. NATIONAL BOARD NUMBER FOR UNIT - N/A

COMPONENT OR <u>APPURTENANCE</u>	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>
Reactor Coolant Pump RCP-1B	Westinghouse	1B-2-618J871- GO2		
Residual Heat Exchanger AHRS1-1A	Joseph Oat and Sons	1817-1E	U11046	344
Residual Heat Exchanger AHRS2-1B	Joseph Oat and Sons	1817-1F	U11424	345
Charging Pump Pulsation ⁻ Dampener APD-1A	Greer Hydraulics	GNI-1848		
Charging Pump Pulsation Dampener APD-1B	Greer Hydraulics	GNI-1846		
Charging Pump Pulsation Dampener APD-1C	Greer Hydraulics	GNI-1847		
Volume Control Tank VCT	Joseph Oat and Sons	1787-1C	U11425	376

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

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2. PLANT -- KEWAUNEE POWER STATION, N490 HWY 42, KEWAUNEE, WISCONSIN 54216-9511

3. PLANT UNIT - NO. 1

4. OWNER CERTIFICATE OF AUTHORIZATION - N/A

5. COMMERCIAL SERVICE DATE - JUNE 16, 1974

6. NATIONAL BOARD NUMBER FOR UNIT - N/A

COMPONENT OR <u>APPURTENANCE</u>	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL BOARD NO.
Regenerative Heat Exchanger ARG	Joseph Oat and Sons	1831-13	U11409 U11410 U11411	413 414 415
Letdown Heat Exchanger AHLD	Atlas	1206	U11405	1031
Seal Water Heat Exchanger AHSW	Atlas	734	U11404	596
Seal Water Injection Filter AFSI-1A	Commercial Filters	101072		1172
Seal Water Injection Filter AFSI-1B	Commercial Filters	101073	<i>*</i>	1173
Reactor Coolant Filter AFRC	AMF Cuno	121		2616
Seal Water Filter AFSW	AMF Cuno	123	y	2618
Class 2 Piping	Texas Pipe Bending		``	
Charging Pump APCH-1A	Ajax Iron Works	6578		

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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

COMPONENT OR	MANUFACTURER	MANUFACTURER OR INSTALLER	STATE OR	NATIONAL
<u>APPURTENANCE</u>	OR INSTALLER	<u>SERIAL NO.</u>	PROVINCE NO.	BOARD NO.
Charging Pump APCH-1B	Ajax Iron Works	6576		
Charging Pump APCH-1C	Ajax Iron Works	6577		د
Charging Pump APCH-1A Suction Stabilizer	Greer Hydraulics	GH1-10234		568
Charging Pump APCH-1B Suction Stablizer	Greer Hydraulics	GH1-10235	·	569
Charging Pump APCH-1C Suction Stablizer	Greer Hydraulics	GH1-10236		570
Residual Heat Removal Pump APRH1-1A	Byron Jackson	681N0277		
Residual Heat Removal Pump APRH2-1B	Byron Jackson	681N0276		,

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

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5. COMMERCIAL SERVICE DATE - JUNE 16, 1974

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COMPONENT OR <u>APPURTENANCE</u>	MANUFACTURER <u>OR INSTALLER</u>	MANUFACTURER OR INSTALLER _SERIAL NO.	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>
Diesel Generator AHDG-1A Cooling Water Exchangers (2)	ITT Standard Corp.	750797-01-2 & 750797-01-3		
Diesel Generator AHDG-1B Cooling Water Exchangers (2)	ITT Standard Corp.	750797-01-1 & 750797-01-4		<*
Auxiliary Feedwater Pump APFM-1A Motor Driven	Pacific Pump	46573	 ,	
Auxiliary Feedwater Pump APFM-1B Motor Driven	Pacific Pump	46574	ı	
Auxiliary Feedwater Pump APFT Turbine Driven	Pacific Pump	46575		
Reactor Coolant Pump RCPC-1A Lube Oil Cooler	Perfex Corporation	723701-1		4014
Reactor Coolant Pump RCPC-1B Lube Oil Cooler	Senior Engineering Company	1357901		

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I.

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

		MANUFACTURER	· · ·		
COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>	
Class 3 Piping	Texas Pipe Bending	`			
Containment Fan Cooler AHCF-1A	Joy Manufacturing and American Air Filter	GF14402 (<u></u> ,	
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 Lube Oil Cooler AHSC-1A	Flow Serve	21414	-		

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7. COMPONENTS INSPECTED -

COMPONENT OR APPURTENANCE	MANUFACTURER <u>OR INSTALLER</u>	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>	
Safety Injection Pump Lube Oil Cooler AHSC-1B	Borg Warner	S-96635	,		
Safety Injection Pump Heat Exchangers (2) AHSC-1A	Borg Warner	854030:854030	-		
Safety Injection Pump Heat Exchangers (2) AHSC-1B	Borg Warner	854030:854030		, <u> </u>	
Residual Heat Removal Pump AHRHRP-1A Shaft Seal Heat Exchanger	Flowserve	03LEX607100/04)	,	
Residual Heat Removal Pump AHRHRP-1B Shaft Seal Heat Exchanger	Flowserve	03LEX607100/01		 	
Containment Spray Pump APCS-1A Gland Seal Cooler	Helliflow	49486938	, 		

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COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>
Containment Spray Pump APCS-1B Gland Seal Cooler	Helliflow	6080694	^	
Component Cooling Pump APCC-1A	Ingersoll Dresser Pump Flow Serv.	0600009		
Component Cooling Pump APCC-1B	Ingersoll Dresser Pump Flow Serv.	0600010	 ,	
Service Water Pump APSW-1A1	Worthington Pump	VTP27737		
Service Water Pump APSW-1A2	Worthington Pump	75 TU-1719-1		
Service Water Pump APSW-1B1	Flowserve	09 08-001	 ·	
Service Water Pump APSW-1B2	Flowserve	0908-002		
Spent Fuel Pool Heat Exchanger AHSF	Struther Wells	1-68-06-1519	U11445	,

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7. COMPONENTS INSPECTED -

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR <u>PROVINCE NO.</u>	NATIONAL <u>BOARD NO.</u>
Service Water Pump Strainer ASSW-1A1	S.P. Kinney Engineers	2278		
Service Water Pump Strainer ASSW-1A2	S.P. Kinney Engineers	2279		
Service Water Pump Strainer ASSW-1B1	S.P. Kinney Engineers	2280		
Service Water Pump Strainer ASSW-1B2	S.P. Kinney Engineers	2281		·
Component Cooling Heat Exchanger AHCC1-1A	Engineers and Fabricators Co.	S-26125	U39499	3269
Component Cooling Heat Exchanger AHCC2-1B	Engineers and Fabricators	S-26126	U39500	3270
Component Cooling Surge Tank ATCS	Sharpsville Steel	714	U11421	714
Control Room Air Conditioning Unit 1A	Trane Company	K1H202002		:

Coil

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

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COMPONENT OR <u>APPURTENANCE</u>	MANUFACTURER OR INSTALLER	MANUFACTURER OR INSTALLER <u>SERIAL NO.</u>	STATE OR PROVINCE NO.	NATIONAL BOARD NO.	
Control Room Air Conditioning Unit 1B Coil	Trane Company	K1H202003	 .		
Control Room Air Conditioning Expansion Tank 1A	ITT Bell and Gossett				
Control Room Air Conditioning Expansion Tank 1B	ITT Bell and Gossett	116013		-	

FORM NIS-1 (Back)

8.	Examination Dates:	September 23, 2008	to	October 22, 2009	

9.	Inspection Period Identification:		2nd	·		
10.	Inspection Interval Identification:	(4th	- ,	i	

1998 Applicable Edition of Section XI: Addenda: 2000 11.

12. Date/Revision of Inspection Plan: February 6, 2009 Revision 3

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

Abstract of Results of Examinations and Tests. Reference Tab B and Tab F 14.

Abstract of Corrective Measures. Reference Tab B and Tab F 15.

Utilization of ASME Boiler and Pressure Vessel Code Section XI Code Case: N-460, N-532-4 and N-566-2.

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):	Not Applicable	Expiration Date:	Not Applicable
---	----------------	------------------	----------------

Date:	November 2	20 <u>09</u>	Signed:	Dominion-Kewaunee	By:	Phillip C.	Bukes
				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 and employed by HARTFORD STEAM BOILER CT of WISCONSIN State or Province of have inspected the components described in this Owner's Report during the period C ONNECTICUT 23 SEPTEMBER 08 to 22 OCTOBER 09 , 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.

Inspector's Signature		Commissions	NB 11672 A, B, 1, W/ 100131 National Board, State, Province, and Endorsements	
Date: 2 NOVEMBER	20_09			

ATTACHMENT 4

2009 INSERVICE INSPECTION SUMMARY REPORT

"FORM NIS-1, OWNER'S REPORT FOR INSERVICE INSPECTIONS" CLASS MC COMPONENTS SECOND TEN-YEAR INTERVAL

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

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

1. OWNER – DOMINION ENERGY KEWAUNEE, INC. N490 HIGHWAY 42 KEWAUNEE, WISCONSIN 54216-9511

2. PLANT – KEWAUNEE POWER STATION, N490 HIGHWAY 42, KEWAUNEE, WISCONSIN 54216-9511

3. PLANT UNIT - NO. 1

4. OWNER CERTIFICATE OF AUTHORIZATION - N/A

5. COMMERCIAL SERVICE DATE - JUNE 16, 1974

- 6. NATIONAL BOARD NUMBER FOR UNIT N/A
- 7. COMPONENTS INSPECTED -

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

FORM NIS-1 (Back)

8.	Examination Dates: September 26, 2009 to October 22, 2009
9.	Inspection Period Identification: 1st
10.	Inspection Interval Identification: 2nd
11.	Applicable Edition of Section XI: 2001 Addenda: 2003
12.	Date/Revision of Inspection Plan: March 9, 2009 Revision: 3
13.	Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference Tab C
14.	Abstract of Results of Examinations and Tests. Reference Tab B and Tab F
15.	Abstract of Corrective Measures. Reference Tab B and Tab F
the In	ertify that a) the statements made in this report are correct, b) the examinations and tests meet aspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken form to the rules of the ASME Code, Section XI.
Certif	ficate of Authorization No. (If applicable): Not Applicable Expiration Date: Not Applicable
Date:	October 23 2009 Signed: Dominion-Kewaunee By: Phillip E. Bukes
	CERTIFICATE OF INSERVICE INSPECTION
State o	ndersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the r Province of <u>answer and the and employed by</u> <u>Amarford stehm Boilers</u> of <u>convection</u> have inspected the components described in this Owner's Report during the period <u>september of</u> to <u>22 ourser of</u> , and state that to the best of my knowledge and belief, the Owner has ned examinations and tests and taken corrective measures described in this Owner's Report in accordance with the tion Plan and as required by the ASME Code, Section XI.
examin employ	hing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the lations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his ver shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected is inspection.
Date:	ames WN (umery Inspector's Signature) Commissions NB //62Z A/B/I/N WI/DO/3/ National Board, State, Province, and Endorsements Z 3 OCTOBER 20_09

ATTACHMENT 5

2009 INSERVICE INSPECTION SUMMARY REPORT

"FORM NIS-2, OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITIES" (33 TOTAL)

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

	<i>`</i>		J				J					
		FOR					REPLACEME		VITY			
	<u></u>	······································	······································			······						
	1. Owner Do	ominion Energ	<u>y Kewaunee, In</u>	<u>c.</u>		7		Date <u>06/24</u>	<u>4/2008</u>			
	<u>N</u> 4	490 Highway	42, Kewaunee, V	Visconsin 54	<u>4216-9511</u>	1		Sheet <u>1</u>	of <u>2</u>	0)	
	2. Plant <u>K</u> e	waunee Pow	er Station					Unit <u>No.</u>	<u>1</u>			
	<u>N</u> 4	190 Highway	12, Kewaunee, V	Visconsin 54	4216-9511			Work Order	KW04-0069	910		
	3. Work Perfo	ormed By	ominion Energy	Kewaune				Type Code	Sym. Stạmp	<u>NA</u>	1	1
		<u>N</u>	490 Highway 42	, Kewaunee	, Wisconsin 5	54216-9511		Authorizatio	on No. <u>Not A</u>	pplicable		
	4. Identificatio	on of System	<u>35</u> Class	2 CHEM	ICAL AND VO	OLUME CONTR	ROL	Expiration D	Date <u>Not Apr</u>	olicable		
	5. (a) Applica	ble Construct	ion Code <u>NA</u>			I	(c) Applicable Se	ection XI Cod	e Case <u>NA</u>			
٠			*	for Repair/	Replacement		Edition 2000 Ad	•	•			2
							·		· /			
	6. Identificatio	on of Compor	ents									
					<i>.</i>				1			
	Name of Component	Name o Manufac		 Manufa Seria 	acturer al No.	National Board No.	Other ID	Year Built	Corrected Removed, Installed	or	ASME Code tamped	
	Component		turer		al No.		*		Removed, Installed	or d S	Code	
	Component	Manufac	turer	Seria	al No.	Board No.	ID	Built	Removed,	or d S	Code tamped	
	Component	Manufac	turer	Seria	al No.	Board No.	ID	Built	Removed, Installed	or d S	Code tamped	
	Component	Manufac C2 AJAX IRC	turer DN WORKS	Seria 6576 2 CHEMICA	al No.	Board No.	ID	Built 1967	Removed, Installed	or d S	Code tamped N	
	Component APCH-1B-SC	Manufac C2 AJAX IRC	turer DN WORKS	Seria 6576 2 CHEMICA	al No.	Board No.	ID 00076	Built 1967	Removed, Installed	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description	Manufac C2 AJAX IR n of Work \underline{II}	turer DN WORKS ISTALL CLASS UPPORT PLATI	Seria 6576 2 CHEMICA	AI NO.	Board No. NA JME CONTRO	ID 00076	Built 1967 RGING PUIN	Removed, Installed	or d S	Code tamped N	
	Component APCH-1B-SC	Manufac C2 AJAX IR n of Work \underline{II}	turer DN WORKS	Seria 6576 2 CHEMICA	al No.	Board No. NA JME CONTRO	ID 00076	Built 1967 RGING PUIN	Removed, Installed	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description	Manufac C2 AJAX IR n of Work \underline{II}	turer DN WORKS ISTALL CLASS UPPORT PLATI	Seria 6576 2 CHEMICA	AI NO.	Board No. NA JME CONTRO	ID 00076	Built 1967 RGING PUIM	Removed, Installed	or d S	Code tamped N	
· · · · · · · · · · · · · · · · · · ·	Component APCH-1B-SC 7. Description	Manufac C2 AJAX IR n of Work \underline{II}	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic	Seria 6576 2 CHEMICA	al No. AL AND VOLU Pneumatic		ID 00076	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	· · · · · · · · ·
	Component APCH-1B-SC 7. Description	Manufac C2 AJAX IR n of Work \underline{II}	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 2 CHEMICA	al No. AL AND VOLU Pneumatic		ID 00076	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 2 CHEMICA	al No. AL AND VOLU Pneumatic		ID 00076	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 2 CHEMICA	al No. AL AND VOLU Pneumatic		ID 00076	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 2 CHEMICA	al No. AL AND VOLU Pneumatic		ID 00076	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	· · · · · · · · · · · · · · · · · · ·
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 2 CHEMICA	al No. AL AND VOLU Pneumatic		ID 00076	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 <u>2 CHEMIC</u> <u>2 CHEMIC</u>	AL AND VOLU Pneumatic Pressure		ID 00076 SYSTEM CHAI ominal Operating Test To	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 <u>2 CHEMIC</u> <u>2 CHEMIC</u>	AL AND VOLU Pneumatic Pressure	Board No. NA JME CONTROL psi	ID 00076 SYSTEM CHAI ominal Operating Test To	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 <u>2 CHEMIC</u> <u>2 CHEMIC</u>	AL AND VOLU Pneumatic Pressure	Board No. NA JME CONTROL psi	ID 00076 SYSTEM CHAI ominal Operating Test To	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	· · · · · · · · · · · · · · · · · · ·
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 <u>2 CHEMIC</u> <u>2 CHEMIC</u>	AL AND VOLU Pneumatic Pressure	Board No. NA JME CONTROL psi	ID 00076 SYSTEM CHAI ominal Operating Test To	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	
	Component APCH-1B-SC 7. Description 8. Tests cond	Manufac	turer DN WORKS ISTALL CLASS UPPORT PLATI Hydrostatic Other	Seria 6576 <u>2 CHEMIC</u> <u>2 CHEMIC</u>	AL AND VOLU Pneumatic Pressure	Board No. NA JME CONTROL psi	ID 00076 SYSTEM CHAI ominal Operating Test To	Built 1967 RGING PUIM	Removed, Installed INSTALLED	or d S	Code tamped N	

NIS-2 (Back)

Sheet 2 of 2

Date: 06/24/2008

Name of Component: APCH-1B-SC2

Work Order Number: KW04-006910

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. Not Applicable .

Expiration Date <u>Not Applicable</u>

Date November 9 Signed Thillys C. Bukes Inservice Insection Proor on Owner .20 09 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 Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>GMAYOB</u> to <u>Z2007</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

,20 **09**

Inspector's Signature

Commissions <u>NB 11622, I, N, B, A</u> WIS 100131 National Board, State, Province, and Endorsements

NOVEMBER Date

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

			· · · · · · · · · · · · · · · · · · ·				
1. Owner Dominion Ener	rgy Kewaunee, Inc.				Date <u>03/0</u>	2/2009	
N490 Highway	42, Kewaunee, Wisco	onsin 54216-9511	, .		Sheet <u>1</u>	of <u>2</u>	
2. Plant Kewaunee Poy	vor Station				Unit <u>No.</u>	<u>1</u>	
	<u>42, Kewaunee, Wisco</u>	onsin 54216-9511			Work Order	 KW04-006939	
<u>n toon nghino</u> j	<u>, ((), (), (), (), ()</u>						
	Dominion Energy-Kew			۰ . ۰	Type Code	Sym. Stamp <u>NA</u>	ه
<u>!</u>	N490 Highway 42, Key	waunee, Wisconsin	54216-9511	ю 1	Authorizatio	on No. Not Applica	ible
4. Identification of System	1 <u>35</u> Class <u>2</u>	CHEMICAL AND V	OLUME CONTRO	<u>)L</u>	Expiration [Date <u>Not Applicab</u>	le
5. (a) Applicable Construc	ction Code <u>NA</u>)	(c)	Applicable S	ection XI Cod	le Case <u>NA</u>	,
(b) Applicable Edition o	f Section XI Used for I	Repair/Replacement	t Activity 1998 Ed	dition 2000 Ac	Idenda	1)
2					**		
6. Identification of Compo	nents					(
		Manufaaturar	National	Othor	Veer	Corrected,	ASME
Name of∢ Name Component Manufa		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
indire in the second	cturer					Removed, or	Code
Component Manufa	cturer	Serial No.	Board No.	ID	Built	Removed, or Installed	Code Stamped
Component Manufa APCH-1C-SC3 AJAX IR	cturer ON WORKS	Serial No. 6577	Board No. NA	ID 00077	Built 1967 -	Removed, or Installed	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	cturer	Serial No. 6577	Board No. NA	ID 00077	Built 1967 -	Removed, or Installed	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	CTUTER CON WORKS NSTALL CLASS 2 CH	Serial No. 6577	Board No. NA	ID 00077	Built 1967 -	Removed, or Installed	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	CTUTER CON WORKS NSTALL CLASS 2 CH	Serial No. 6577	Board No. NA UME CONTROL S	ID 00077	Built 1967	Removed, or Installed	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	Cturer ON WORKS <u>NSTALL CLASS 2 CH</u> SUPPORTS. Hydrostatic	Serial No. 6577 HEMICAL AND VOL	Board No. NA UME CONTROL S	ID 00077 SYSTEM CHA	Built 1967	Removed, or Installed INSTALLED	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	CTUTER ON WORKS NSTALL CLASS 2 CH	Serial No. 6577 HEMICAL AND VOL	Board No. NA UME CONTROL S	ID 00077 SYSTEM CHA	Built 1967	Removed, or Installed INSTALLED	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	Cturer ON WORKS <u>NSTALL CLASS 2 CH</u> SUPPORTS. Hydrostatic	Serial No. 6577 HEMICAL AND VOL	Board No. NA UME CONTROL S	ID 00077 SYSTEM CHA	Built 1967	Removed, or Installed INSTALLED	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	Cturer	Serial No. 6577 HEMICAL AND VOL	Board No. NA UME CONTROL S	ID 00077 SYSTEM CHA	Built 1967	Removed, or Installed INSTALLED	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	Cturer	Serial No. 6577 HEMICAL AND VOL	Board No. NA UME CONTROL S	ID 00077 SYSTEM CHA	Built 1967	Removed, or Installed INSTALLED	Code Stamped N
Component Manufa APCH-1C-SC3 AJAX IR 7. Description of Work	Cturer	Serial No. 6577 HEMICAL AND VOL	Board No. NA UME CONTROL S	ID 00077 SYSTEM CHA	Built 1967	Removed, or Installed INSTALLED	Code Stamped N

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 03/02/2009

Name of Component: <u>APCH-1C-SC3</u>

Work Order Number: KW04-006939

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this INSTALLED ASME Code, Section XI.	conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Buken Inserver Inspection Program Owner Date N Owner or Owner's Designee, Title	ovember 9 ,20 09

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6maros</u> to <u>22009</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

anesus emercu Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER ,20 09 Date

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

	· · · · · · · · · · · · · · · · · · ·						
1. Owner Dominion Energy	Kewaunee, Inc.				Date <u>11/(</u>	04/2008	
N490 Highway 42	Kewaunee, Wisco	nsin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant Kewaunee Power	Station				Unit <u>No</u>	<u>. 1</u>	
N490 Highway 42	Kewaunee, Wisco	<u>nsin 54216-9511</u>			Work Orde	er <u>KW100278054</u>	
3. Work Performed By Dor	ninion Energy-Kew	aune			Type Code	e Sym. Stamp <u>NA</u>	
<u>N49</u>	0 Highway 42, Kew	vaunee, Wisconsin	<u>54216-9511</u>		Authorizati	on No. Not Applica	able
4. Identification of System	<u>35</u> Class <u>2</u>	CHEMICAL AND V	OLUME CONTR	<u>OL</u> .	Expiration	Date <u>Not Applicab</u>	le
5. (a) Applicable Construction	n Code <u>SEC. VIII E</u>	DIV.1-1975	(4) Applicable S	ection XI Co	de Case <u>NA</u>	
(b) Applicable Edition of Se	ection XI Used for F	Repair/Replacemen	t Activity <u>1998 E</u>	dition 2000 Ac	Idenda		
6. Identification of Componer	its .						
<u> </u>				<u> </u>			
Name of Name of Component Manufactu		lanufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
APD-1B GREER HY	DRAULICS	GHI-1846	NA	07001	1975	INSTALLED	Υ.
							· ·
	TALL REPLACMEN ARGING PUMP 18			5 2 CHEMICAI	<u>AND VOLU</u>	IME CONTROL SY	<u>,</u> STEM
8. Tests conducted	Hydrostatic	Pneumati		ninal Operatin	g Pressure	X Exe	mpt
	Other	Pressure	<u>2237</u> psi	Test T	emp. <u>112</u>	deg. F	
9. Remarks <u>NOT APPLICA</u> 7	<u>BLE.</u>						-
						,	
						·	
	Applica	ble Manufacturer's	Data Reports to	he Åttached)	
	, ippiloe		·				
		·				~	

NIS-2 (Back)

Sheet 2 of 2

Date: 11/04/2008

Name of Component: APD-1B

Work Order Number: KW100278054

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. Not Applicable Expiration Date Not Applicable Signed Thellip & Bukes Inservice Inspection Program Oumer Date November 9 ,20 **09** Owner or Owner's Designee, Title ŧ. **CERTIFICATE OF INSERVICE INSPECTION** I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period 6 MA:08 to 22 cc 09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements Inspector's Signature

,20 **09**

9 NOVEMBER

Date

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1 Owner Dominion Energy Kewaunee, Inc.	Date <u>11/02/2009</u>
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Sheet <u>1</u> of <u>2</u>
2. Plant Kewaunee Power Station	Unit <u>No. 1</u>
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Work Order KW100278450
3. Work Performed By. Dominion Energy-Kewaune	Type Code Sym. Stamp <u>NA</u>
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Authorization No. Not Applicable
4. Identification of System 36 Class 1 REACTOR COOLANT	
4. Identification of System <u>36</u> Class <u>1</u> <u>REACTOR COOLANT</u>	Expiration Date Not Applicable
5. (a) Applicable Construction Code <u>B31.1-1967</u> (c) Applicable S	Section XI Code Case <u>NA</u>
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1998 Edition 2000 A	ddenda
6. Identification of Components	
	r .
	0
Name ofManufacturerNationalOtherComponentManufacturerSerial No.Board No.ID	Corrected, ASME Year Removed, or Code Built Installed Stamped
• • • • • • • • • • • • • • • • • • • •	
PR-F2 TEXAS PIPE BENDING 383969 NA NA	1969 INSTALLED N
	<u>></u>
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 READ	1969 INSTALLED N
PR-F2 TEXAS PIPE BENDING 383969 NA NA	1969 INSTALLED N
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 READ	1969 INSTALLED N
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 READ	1969 INSTALLED N
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REÁG PR-F2 TO/6" VALVE PR-3B. 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin	1969 INSTALLED N
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REÁG PR-F2 TO/6" VALVE PR-3B. 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin	1969 INSTALLED N CTOR COOLANT SYSTEM 6" INLET FLANGE ng Pressure X Exempt
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 READ PR-F2 TO/6" VALVE PR-3B. 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin Other Pressure 2240 psi Test 1	1969 INSTALLED N CTOR COOLANT SYSTEM 6" INLET FLANGE ng Pressure X Exempt
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REÁG PR-F2 TO/6" VALVE PR-3B. 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin	1969 INSTALLED N CTOR COOLANT SYSTEM 6" INLET FLANGE ng Pressure X Exempt
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 READ PR-F2 TO/6" VALVE PR-3B. 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin Other Pressure 2240 psi Test 1	1969 INSTALLED N CTOR COOLANT SYSTEM 6" INLET FLANGE ng Pressure X Exempt
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REAM 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REAM 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin Other Pressure 2240 psi Test 1 9. Remarks NOT APPLICABLE. Instant Applicable Instant Applicable	1969 INSTALLED N CTOR COOLANT SYSTEM 6" INLET FLANGE ng Pressure X Exempt
PR-F2 TEXAS PIPE BENDING 383969 NA NA 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REAM 7. Description of Work INSTALL REPLACEMENT 12 STUDS AND 24 NUTS ON CLASS 1 REAM 8. Tests conducted Hydrostatic Pneumatic Nominal Operatin Other Pressure 2240 psi Test 1 9. Remarks NOT APPLICABLE. Instant Applicable Instant Applicable	1969 INSTALLED N CTOR COOLANT SYSTEM 6" INLET FLANGE ng Pressure X Exempt

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NIS-2 (Back)

Sheet 2 of 2

Date: <u>11/02/2009</u>

Name of Component: <u>PR-F2</u>

Work Order Number: KW100278450

CERTIFICATE OF COMPLIANCE					
I certify that the statements made in the report are correct and that this INSTALLED	conforms to the requirements of the				
ASME Code, Section XI.					
Type Code Symbol Stamp <u>NA</u>					
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	4				
Signed Phillip C. Bukes Inserve Ingection Integram Owner Date N Owner or Owner's Designee, Title	avember 9 ,20 <u>09</u>				

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>GMATCB</u> to <u>220cTo9</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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Commissions NB 11622, I, N, B, A WIS 100131

Inspector's Signature

National Board, State, Province, and Endorsements

Date 9 NOVEMBER

	FORM NIS-2 OWN	ER'S REPORT F	OR REPAIR/	REPLACEME		VITY	
	As Requir	ed by the Provision	s of the ASME C	ode Section XI			
		· · · ·	<u> </u>		Data 10/2	20/2000	
	Energy Kewaunee, Inc. way 42, Kewaunee, Wis	sconsin 54216-9511			Date <u>10/3</u> Sheet 1	of <u>2</u>	
	Power Station	· .			Unit <u>No</u> .		
	nway 42, Kewaunee, Wi	sconsin 54216-9511	r		Work Orde	r <u>KW100280694</u>	
3. Work Performed B	y Dominion Energy-K	ewaune			Type Code	Sym. Stamp <u>NA</u>	
	N490 Highway 42, H	Kewaunee, Wisconsir	n 54216-9511		Authorizati	on No. <u>Not Applic</u>	able
4. Identification of Sy	stem <u>35</u> Class <u>2</u>	CHEMICAL AND	VOLUME CONTR	ROL	Expiration I	Date Not Applicat	ble
5. (a) Applicable Con	struction Code <u>B31.1-1</u>	<u>967</u>	(c) Applicable Se	ction XI Cod	de Case <u>NA</u>	
(b) Applicable Editi	ion of Section XI Used fo	or Repair/Replaceme	nt Activity 1998	Edition 2000 Add	lenda	,	
6. Identification of Co	mponents						
	· .						
	ame of nufacturer	Manufacturer Serial No.	National Board No.	Other /	Year Built	Corrected, Removed, or Installed	ASME Code / Stamped
<u> </u>							
LD-5 CRO CO.	OSBY ASHTON GAGE	NF	NA	CS109-001	1970	CORRECTED	N
		NF	NA	CS109-001	1970	CORRECTED	N
CO.	k REMOVE FOR SET	NF	· · · · · · · · · · · · · · · · · · ·				
CO.		,	· · · · · · · · · · · · · · · · · · ·				
CO. 7. Description of Wor	k REMOVE FOR SET	,	ND REPAIR CLAS		AND VOLU		<u>(STEM 2"</u>
CO. 7. Description of Wor	k <u>REMOVE FOR SET</u> VALVE LD-5. Hydrostatic	POINT TESTING AN	ND REPAIR CLAS	SS 2 CHEMICAL	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
	k <u>REMOVE FOR SET</u> VALVE LD-5.	POINT TESTING A	ND REPAIR CLAS	SS 2 CHEMICAL	AND VOLU	JME CONTROL SY	<u>(STEM 2"</u>
CO. 7. Description of Wor	k <u>REMOVE FOR SET</u> <u>VALVE LD-5.</u> Hydrostatic Other	POINT TESTING AN	ND REPAIR CLAS	SS 2 CHEMICAL	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
CO. 7. Description of Worl 8. Tests conducted	k <u>REMOVE FOR SET</u> <u>VALVE LD-5.</u> Hydrostatic Other	POINT TESTING AN	ND REPAIR CLAS	SS 2 CHEMICAL	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
CO. 7. Description of Wor 8. Tests conducted	k <u>REMOVE FOR SET</u> <u>VALVE LD-5.</u> Hydrostatic Other	POINT TESTING AN	ND REPAIR CLAS	SS 2 CHEMICAL	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
CO. 7. Description of Wor 8. Tests conducted	k <u>REMOVE FOR SET</u> <u>VALVE LD-5.</u> Hydrostatic Other	POINT TESTING AN	ND REPAIR CLAS	SS 2 CHEMICAL	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
CO. 7. Description of Wor 8. Tests conducted	k <u>REMOVE FOR SET</u> VALVE LD-5. Hydrostatic Other	POINT TESTING AN Pneumat Pressure	ND REPAIR CLAS	SS 2 CHEMICAL ominal Operating Test Te	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
CO. 7. Description of Wor 8. Tests conducted	k <u>REMOVE FOR SET</u> VALVE LD-5. Hydrostatic Other	POINT TESTING AN	ND REPAIR CLAS	SS 2 CHEMICAL ominal Operating Test Te	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>
CO. 7. Description of Wor 8. Tests conducted	k <u>REMOVE FOR SET</u> VALVE LD-5. Hydrostatic Other	POINT TESTING AN Pneumat Pressure	ND REPAIR CLAS	SS 2 CHEMICAL ominal Operating Test Te	AND VOLU	JME CONTROL SY X Exe	<u>(STEM 2"</u>

NIS-2 (Back)

Sheet 2 of 2

Date: <u>10/30/2009</u>

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

Work Order Number: KW100280694

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. Not Applicable

Expiration Date Not Applicable

Signed Thellen C. Date November 9 Bukes Inservere Inspection Prooran Owner .20 **09** 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 Insurance Company of CT	
have inspected the components described in this Owner's Report during the period 6 matches to 220cTo9, and state that	
to the best of my knowledge and belief, the Owner 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.

ames a Mameria Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER Date

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

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As Required by the Provisions of the ASME Code Section XI

				١	•			
	Energy Kewaunee, Inc.			Í		30/2009		
N490 High	way 42, Kewaunee, Wis	consin 54216-9511			Sheet <u>1</u>	of <u>2</u>		
2. Plant <u>Kewaunee</u>	Power Station				Jnit <u>No</u>	<u>. 1</u>		
N490 Highway 42, Kewaunee, Wisconsin 54216-9511					Work Order KW100315676			
. Work Performed By	Dominion Energy-Ke	waune			Fype Code	e Sym. Stamp <u>NA</u>		
	<u>N490 Highway 42, K</u>	ewaunee, Wisconsin	<u>54216-9511</u>		Authorizati	on No. <u>Not Applica</u>	ble	
. Identification of Sys	tem <u>36</u> Class <u>1</u>	REACTOR COOL	ANT	!	Expiration	Date Not Applicab	<u>e</u>	
. (a) Applicable Cons	truction Code <u>B16.5-19</u>	<u>)67</u> ·	(c) Applicable Sec	tion XI Co	de Case <u>NA</u>		
(b) Applicable Edition	on of Section XI Used fo	r Repair/Replacemer	nt Activity <u>1998 E</u>	dition 2000 Add	enda			
: Identification of Con	anananta					**		
identification of Con	iponents	ан 1917 - Ал						
	<u></u>	······································				Corrected,	ASME	
	me of ufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Removed, or Installed	Code Stamped	
	ONEILAN RNATIONAL	H-20693-5-2	NA	RC012-002	1969	CORRECTED	N	
. Description of Work	CORRECT SEAT LE	AKAGE ON CLASS	1 REACTOR COC	DLANT SYSTEM	<u>3" VALVE</u>	<u>E PR-2A.</u>		
		_		,			<u> </u>	
. Tests conducted	Hydrostatic	Pneumat	ic Non	ninal Operating I	Pressure	X Exer	npt	
	Other	Pressure	<u>2240</u> psi			dan E		
			<u>2240</u> p3	Test Ter	np. <u>547</u>	deg. F		
			<u>2240</u> psi	Test Ter	np. <u>547</u>	_ deg. r		
. Remarks NOT AF	PLICABLE.		<u></u> psi	Test Ter	np. <u>547</u>	_ ueg. r		
Remarks <u>NOT AF</u>	PLICABLE.		<u></u> psi	Test Ter	np. <u>547</u>	- aeg. r		
Remarks <u>NOT AF</u>	' <u>PLICABLE.</u>		<u></u> psi	Test Ter	np. <u>547</u>	- uey. F		
Remarks <u>NOT AF</u>	PLICABLE.		<u></u> psi	Test Ter	np. <u>547</u>	- uey. F	,	
Remarks <u>NOT AF</u>	PLICABLE.		<u></u> ps	Test Ter	np. <u>547</u>	- uey. r	, ,	
Remarks <u>NOT AF</u>		icable Manufacturer's	· · · ·	÷ .	np. <u>547</u>	- ueg. F	, ,	
. Remarks <u>NOT AF</u>		icable Manufacturer's	· · · ·	÷ .	np. <u>547</u>	- uey. r	, ,	

NIS-2 (Back)

Sheet 2 of 2

Date: 10/30/2009

Name of Component: PR-2A

Work Order Number: KW100315676

CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this CORRECTED confort ASME Code, Section XI.	rms to the requirements of the					
Type Code Symbol Stamp <u>NA</u>						
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>						
Signed <u>Phillip C. Buken Inserven Inspector</u> Program Ourner Date <u>Novemb</u> Owner or Owner's Designee, Title	<u>er 9</u> ,20 <u>09</u>					
· · · · · · · · · · · · · · · · · · ·						

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of,CT have inspected the components described in this Owner's Report during the period <u>6MAYOB</u> to <u>2206T09</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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cemera ames UN Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER Date

As Required by the Provisions of the ASME Code Section XI

,	
1. Owner Dominion Energy Kewaunee, Inc.	Date <u>10/13/2009</u>
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Sheet <u>1</u> of <u>2</u>
2. Plant <u>Kewaunee Power Station</u> <u>N490 Highway 42, Kewaunee, Wisconsin 54216-9511</u>	Unit <u>No. 1</u> Work Order <u>KW100362587</u>
3. Work Performed By Dominion Energy-Kewaune	Type Code Sym. Stamp NA
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Authorization No. Not Applicable
4. Identification of System <u>33</u> Class <u>1</u> <u>SAFETY INJECTION</u>	Expiration Date <u>Not Applicable</u>
5. (a) Applicable Construction Code <u>B31.1-1967</u> (c) Applica	ble Section XI Code Case <u>NA</u>
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1998 Edition 20	00 Addenda
6. Identification of Components	
Name of Name of Manufacturer National Oth Component Manufacturer Serial No. Board No. II	itemoved, of Code
RSI-H63 ITT GRINNELL VALVE NA NA NA COMPANY	1967 INSTALLED N
7. Description of Work INSTALL REPLACEMENT CLASS 1 SAFETY INJECTION 6" PIPE 8. Tests conducted Hydrostatic Pneumatic Nominal Ope	HYDRAULIC SNUBBER RSI-H63. erating Pressure Exempt X
Other Pressure psi	Fest Temp. deg. F
	· · · · · · · · · · · · · · · · · · ·
9. Remarks <u>NOT APPLICABLE.</u>	
	7
Applicable Manufacturer's Data Reports to be Attack	ned .

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Sheet 2 of 2

Date: 10/13/2009

Name of Component: RSI-H63

Work Order Number: KW100362587

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this INSTALLED ASME Code, Section XI.	conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	- ,
Signed Phillips C. Bukes Insurer I man time Program Owner Date No Owner or Owner's Designee, Title	overher 9 20 09

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6mnrob</u> to <u>22000</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

Inspector's Signature

9 NOVEMBER Date

09 20

	;		s of the ASME Co	de Section A		<u> </u>	
1. Owner Dominion Ene	ergy Kewaunee, Inc.				Date <u>10/</u> 2	3/2009	
N490 Highway	y 42, Kewaunee, Wi	sconsin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant Kewaunee Po	wer Station				Unit <u>No</u>	<u>. 1</u>	
•		sconsin 54216-9511			Work Orde	er <u>KW100362588</u>	
3. Work Performed By	Dominion Energy-K	ewaune			Type Code	Sym. Stamp NA	
·		Kewaunee, Wisconsir	<u>n 54216-9511</u>		Authorizati	on No. Not Applica	ble
4. Identification of Systen	n <u>33</u> Class <u>2</u>	SAFETY INJECTI	ION			Date <u>Not Applicab</u>	
5 (a) Applicable Constru	, Intion Code, B21.1.1	067		Annliachta S	nation XI Co		
5. (a) Applicable Constru				c) Applicable S		de Case <u>NA</u>	
(b) Applicable Edition of	of Section XI Used f	or Repair/Replaceme	nt Activity <u>1998 E</u>	Edition 2000 Ac	Idenda		
6. Identification of Compo	onents					•	
	· · · · · · · · · · · · · · · · · · ·					Corrected,	ASME
Name of Name	e of	Manufacturer	National	Other	Year	Removed, or	Code
		Serial No.	Board No.	ID	Built	Installed	Stamped
Component Manufa	INNELL VALVE	Serial No.	Board No. NA	ID NA	Built 1967		Stamped N
Component Manufa RSI-H61 ITT GR	INNELL VALVE			<u></u>		Installed	
Component Manufa RSI-H61 ITT GR COMPA	acturer INNELL VALVE ANY		NA	NA	1967	Installed	
Component Manufa RSI-H61 ITT GR COMPA	acturer INNELL VALVE ANY	NA	NA	NA	1967	Installed	
Component Manufa RSI-H61 ITT GR COMPA	acturer INNELL VALVE ANY	NA	NA	NA	1967	Installed	
Component Manufa RSI-H61 ITT GR COMPA 7. Description of Work	acturer INNELL VALVE ANY	NA		NA	1967 RAULIC SNL	Installed	Ň
Component Manufa RSI-H61 ITT GR COMPA 7. Description of Work	ACTURER	NA	NA FETY INJECTION	NA <u>6" PIPE HYDF</u>	1967 RAULIC SNU	Installed INSTALLED IBBER RSI-H61.	Ň
Component Manufa RSI-H61 ITT GR COMPA 7. Description of Work	Acturer INNELL VALVE ANY INSTALL REPLACE Hydrostatic	NA EMENT CLASS 1 SAI	NA FETY INJECTION	NA <u>6" PIPE HYDF</u> minal Operating	1967 RAULIC SNU	Installed INSTALLED IBBER RSI-H61.	Ň
Component Manufz RSI-H61 ITT GR COMPA 7. Description of Work 3. Tests conducted	Acturer	NA EMENT CLASS 1 SAI	NA FETY INJECTION	NA <u>6" PIPE HYDF</u> minal Operating	1967 RAULIC SNU	Installed INSTALLED IBBER RSI-H61.	Ň
Component Manufz RSI-H61 ITT GR COMPA 7. Description of Work 3. Tests conducted	Acturer	NA EMENT CLASS 1 SAI	NA FETY INJECTION	NA <u>6" PIPE HYDF</u> minal Operating	1967 RAULIC SNU	Installed INSTALLED IBBER RSI-H61.	Ň
Component Manufz RSI-H61 ITT GR COMPA 7. Description of Work 3. Tests conducted	Acturer	NA EMENT CLASS 1 SAI	NA FETY INJECTION	NA <u>6" PIPE HYDF</u> minal Operating	1967 RAULIC SNU	Installed INSTALLED IBBER RSI-H61.	Ň
Component Manufa RSI-H61 ITT GR COMPA 7. Description of Work 8. Tests conducted	Acturer	NA EMENT CLASS 1 SAI	NA FETY INJECTION	NA <u>6" PIPE HYDF</u> minal Operating	1967 RAULIC SNU	Installed INSTALLED IBBER RSI-H61.	Ň

Applicable Manufacturer's Data Reports to be Attached

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

Sheet 2 of 2

Date: 10/13/2009

Name of Component: <u>RSI-H61</u>

Work Order Number: KW100362588

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements ASME Code, Section XI.	of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillys C. Bukes Ensurvice Engection: Philippon Oumer Date November 9, 2009 Owner or Owner's Designee, Title	``````````````````````````````````````
CERTIFICATE OF INSERVICE INSPECTION	
, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors	
and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT	
have inspected the components described in this Owner's Report during the period <u>6MA108</u> to <u>2200709</u> , and state that	
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described	
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning	

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

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Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

Inspector's Signature

ſ

9 NOVEMBER Date

As Required by the Provisions of the ASME Code Section XI

			Ň			•	
1. Owner Dominion Ene	rgy Kewaunee, Inc.				Date <u>10/0</u>	06/2009	
N490 Highway	42, Kewaunee, Wise	consin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Kewaunee Po</u> <u>N490 Highway</u>	wer Station 42, Kewaunee, Wise	consin 54216-9511			Unit <u>No</u> Work Orde	<u>. 1</u> er <u>KW100362674</u>	
3. Work Performed By	Dominion Energy-Ke	waune			Type Code	Sym. Stamp <u>NA</u>	
	N490 Highway 42, Ki		n 54216-9511	~	Authorizati	on No. Not Applica	able
4. Identification of System	n <u>23</u> Class <u>2</u>	CONTAINMENT	SPRAY		Expiration	Date <u>Not Applicab</u>	le
5. (a) Applicable Constru	ction Code B31.1-19	<u>67</u>		(c) Applicable Se	ection XI Co	de Case <u>NA</u>	
(b) Applicable Edition c	of Section XI Used for	· Repair/Replaceme	nt Activity 1998	Edition 2000 Ad	denda		
6 Identification of Comm	nonto		·				
6. Identification of Compo	inents						· · · ·
Name of Name Component Manufa		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
ICS-H7 ITT GRI COMPA	NNELL VALVE NY	NA	NA	NA	1967	INSTALLED	N
7. Description of Work	INSTALL REPLACE	MENT CLASS 2 CO	NTAINMENT SP	RAY 6" PIPE HY	DRAULIC S	NUBBER ICS-H7.	
8. Tests conducted	Hydrostatic	Pneuma	tic N	ominal Operating	Pressure	Exer	mpt X
	Other	Pressure	e psi	Test T	emp.	deg. F	-
9. Remarks <u>NOT APPL</u>	ICABLE.						
1							.
	Appli	cable Manufacturer	s Data Reports to	be Attached	}		

Sheet 2 of 2

Date: 10/06/2009

Name of Component: ICS-H7

Work Order Number: KW100362674

	·
	PLIANCE
I certify that the statements made in the report are correct and that this INST ASME Code, Section XI.	FALLED conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date	Not Applicable
Signed Phillip C. Bukes Improves Inspection Program Own Owner or Owner's Designee, Title	ner Date Norromler 9,2009
	EINSPECTION
I, the undersigned, holding a valid commission issued by the National Board of	of Boiler and Pressure Vessel Inspectors
and the State or Province of Wisconsin and employed by Hartford Steam Bo	iler Inspection and Insurance Company of CT
have inspected the components described in this Owner's Report during the p	period 6 MH108 to 220009, and state that
to the best of my knowledge and belief, the Owner has performed examination	ns and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Cod	le, Section XI.
By signing this certificate neither the Inspector nor his employer makes a	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 of	damage or a loss of any kind arising
from or connected with this inspection.	
Danse ce Niemeny Commissions NB	11622, I, N, B, A WIS 100131
Inspector's Signature Nati	ional Board, State, Province, and Endorsements
Date 9 NOVEMBER 20. 09	,

As Required by the Provisions of the ASME Code Section XI

	,		•				
1. Owner Dominic	on Energy Kewaunee, Inc.				Date <u>10/3</u>	0/2009	,
<u>N490 Hi</u>	ighway 42, Kewaunee, Wis	consin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant Kewaun	ee Power Station				Unit <u>No.</u>	1	ر.
	ighway 42, Kewaunee, Wis	consin 54216-9511	<u> </u>		Work Orde	r <u>KW100375362</u>	i.
3. Work Performed	By Dominion Energy-Ke	watthe			Tvpe Code	Sym. Stamp <u>NA</u>	
5. Work Fenomieu	•	ewaunee, Wisconsin !	54216-9511	· ~			
	11450 Fighway 42, 10		54210-5511		Authorizatio	on No. <u>Not Applica</u>	ble
4. Identification of S	System <u>35</u> Class <u>2</u>	CHEMICAL AND VO	OLUME CONTR	OL	Expiration [Date Not Applicabl	<u>e</u>
5. (a) Applicable C	onstruction Code B31.1-19	<u>67</u>	(c) Applicable Sec	tion XI Cod	e Case <u>NA</u>	
(b) Applicable Er	dition of Section XI Used for	Repair/Replacement	Activity 1998 I	Edition 2000 Add	enda		
		ropullitoplacement		2010/1/2000/100	<u>citud</u>		
6. Identification of (Components	-					
Name of	Name of	Manufacturer	National	Other	Voor	Corrected,	ASME
	Name of Ianufacturer	Serial No.	Board No.	ID	Year Built	Removed, or Installed	Code Stamped
	IASONEILAN NTERNATIONAL, INC.	H20691-1	NA	CS111-004	1970	CORRECTED	N
میں انٹریز م	(
7. Description of W		AKAGE ON CLASS 2	CHEMICAL AN		NTROL SYS	STEM 2" VALVE LC)-4B
				•			
8. Tests conducted	Hydrostatic	Pneumatic	No No	minal Operating	Pressure	X Exem	npt
	Other	Pressure	 2236 psi	Test Te	mn 110	dog E	
		Flessule	<u>2236</u> psi	Test Te	пр. <u>110</u>	deg. F	
9. Remarks <u>NOT</u>	APPLICABLE.	4 2			N.		
			v	•			
	ilaaA	cable Manufacturer's	Data Reports to	be Attached			
	- F F	· · · · · · · · · · · · · ·	p - · · · · · · · · · · · · · · · · · ·				

Sheet 2 of 2

Date: 10/30/2009

Name of Component: <u>LD-4B</u>

Work Order Number: KW100375362

CERTIFICATE OF COMPLIANCE	E · · · · · · · · · · · · · · · · · · ·
I certify that the statements made in the report are correct and that this CORRECTED ASME Code, Section XI.	conforms to the requirements of the
Type Code Symbol Stamp NA Certificate of Authorization No. Not Applicable Expiration Date Not Applicable	able
Signed Phillip C. Bukes Instruct Inspection Program Owner Da Owner or Owner's Designee, Title	ate <u>November 9</u> ,20 <u>09</u>

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6mArcs</u> to <u>2200799</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

Inspector's Signature

Date 9 NOVEMBER

,20_**09**_

FORM NIS-2 OWNER'S REPORT FO As Required by the Provisio	1				/ITY
1. Owner : Dominion Energy-Kewaunee		Date :	October	30, 2009	
Name N490 Highway 42, Kewaunee Wisconsin 54216-9511	 L	Sheet :	<u>1</u> of		
Address 2. Plant : Kewaunee Power Station		Unit :	No. 1	******	,
Name N490 Highway 42, Kewaunee Wisconsin 54216-9511 Address	 L		ler Number	: <u>KW10</u>	0385376
			;		
3. Work performed by : Dominion Energy-Kewaunee			ie Symbol S		Not Applicable
Name N490 Highway 42, Kewaunee Wisconsin 54216-9511		Authoriza Expiratior	,		Applicable
Address		Éxhirarioi	Dale		Аррисаріе
4. Identification of System : 36 Class 1 Reactor Coolant	System				
5. (a) Applicable Construction Code : 1967 ASME B31.1	•				
(b) Applicable Edition of Section XI used for Repair/Replace	ment Activity :	1998 E	Edition 200	0 Addenda	, (,
(c) Applicable Section XI Code Case : NA	1			• •	,
6. Identification of Components				X	
	· · · · · · · · · · · · · · · · · · ·		, 		ACME
Name of Name of Manufacturer National Component Manufacturer Serial No. No.			Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
1" Flange Dominion NA NA Upstream of Energy LD-300	n N	A	2009	Installed	No
7. Description of Work <u>Install replacement 4 Studs and</u> upstream of 1" Valve LD-300.	8 Nuts on Clas	ss 1 Reac	tor Coolar	nt System 1"	Flange
8. Tests Conducted : Hydrostatic Pneumatic	: 🗌 Nomin	al Operati	ng Pressure	• 🛛	Exempt
Other Pressure 224	0 psi Tes	st Temp	546	5_ °F	,
	•				
9. Remarks: Not Applicable Applicable Manufacturer	's Data Reports to	be attached	d		
	's Data Reports to	be attached	1		
	's Data Reports to	be attached	9		
	's Data Reports to	be attached	1		

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FORM NIS-2 (Back) Sheet 2 of 2

Date : October 30, 2009

Name of Component : 1" Flange Upstream of 1" Valve LD-300

Work Order Number : KW100385376

Type Code Symbol Stamp Not Applicable	certify that the statements made in this report are he ASME Code, Section XI	e correct and that this conforms to the requirements of
	ype Code Symbol Stamp Not Applicable	e,
Certificate of Authorization No. Not Applicable Expiration Date Not Applicable	ertificate of Authorization No. Not Applicab	le Expiration Date Not Applicable

CERTIFICATE OF INSERVICE INSPECTION

of HARTFORD CONNECTICUT		have inspected t	ne component	ts described
n this Owner's Report during the period	6 MAY 2008	to ZZOC 72	DER 2009	, and state that
to the best of my knowledge and belief, the	Owner has performe	d examinations and	i taken correc	ctive measures
lescribed in this Owner's Report in accorda	nce with the requirem	ents of the ASME	Code, Section	XI.
By signing this certificate neither the	Inspector nor his em	olover makes any v	varranty, exp	ressed or
		sloper manes any i		
	•			
mplied, concerning the examinations, tests	s, and corrective mea	ures described in t	his Owner's R	Report.
implied, concerning the examinations, tests	s, and corrective mea employer shall be liab	ures described in the in any manner for	his Owner's R or any persona	Report.
implied, concerning the examinations, tests Furthermore, neither the Inspector nor his o property damage or a loss of any kind arisin	s, and corrective mea employer shall be liab	ures described in the in any manner for	his Owner's R or any persona	Report.
implied, concerning the examinations, tests Furthermore, neither the Inspector nor his o property damage or a loss of any kind arisin	s, and corrective mea employer shall be liab	ures described in the in any manner for with this inspection	this Owner's R or any persona 1	Report. al injury or
implied, concerning the examinations, tests Furthermore, neither the Inspector nor his o property damage or a loss of any kind arisin	s, and corrective mea employer shall be liab ng from or connected	ures described in the in any manner for	his Owner's R or any persona (Δ, Σ, Ν, μ	Report. al injury or wT 100 13 1
implied, concerning the examinations, tests Furthermore, neither the Inspector nor his o	s, and corrective mea employer shall be liab ng from or connected	wires described in the in any manner for with this inspection NB 11632 A	his Owner's R or any persona (Δ, Σ, Ν, μ	Report. al injury or wT 100 13 1

As Required by the Provisions of the ASME Code Section XI

1. Owner Dominion Ene	ergy Kewaunee, Inc.		1	Date <u>06/24/200</u>	<u>)8</u>	
N490 Highwa	y 42, Kewaunee, Wisconsin 54	4216-9511		Sheet <u>1</u> of <u>2</u>		
2. Plant <u>Kewaunee Po</u>	ower Station			Unit <u>No. 1</u>		
N490 Highwa	y 42, Kewaunee, Wisconsin 54	4216-9511		Work Order KV	<u>V100390285</u>	
3. Work Performed By	Dominion Energy-Kewaune			Type Code Sym	. Stamp <u>NA</u>	
	N490 Highway 42, Kewaunee	, Wisconsin 54216-9511		Authorization No	. Not Applicat	<u>ole</u>
4. Identification of Syster	m <u>35</u> Class <u>2</u> <u>CHEM</u>	ICAL AND VOLUME CON	TROL	Expiration Date	Not Applicable	<u>2</u>
5. (a) Applicable Constru	uction Code NA		(c) Applicable Sec	tion XI Code Ca	se <u>NA</u>	
(b) Applicable Edition	of Section XI Used for Repair/	Replacement Activity <u>199</u>	8 Edition 2000 Add	enda		
6. Identification of Compo	onents					1
					· ·	
Name of Name Component Manufa		acturer National al No. Board No.	Other ID		corrected, emoved, or Installed	ASME Code Stamped
Component Manua	acturer Sena					
APCH-1B-SC2 AJAX II		NA	00076	1967 CC	RRECTED	N
APCH-1B-SC2 AJAX II 7. Description of Work						
APCH-1B-SC2 AJAX II 7. Description of Work	RON WORKS 6576	CLASS 2 CHEMICAL AND		OL SYSTEM CH		<u>P 1B BASE</u>
APCH-1B-SC2 AJAX II	RON WORKS 6576	CLASS 2 CHEMICAL AND	VOILUME CONTR	OL SYSTEM CH Pressure	ARGING PUM	<u>P 1B BASE</u>

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: <u>06/24/2008</u>

Name of Component: APCH-1B-SC2

Work Order Number: KW100390285

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. Expiration Date Not Applicable Not Applicable Signed Thellie E. Bukes Inservice Inspection Program Owner Date North ,20 09 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 Insurance Company of CT have inspected the components described in this Owner's Report during the period 6mit reported to 2200709, and state that

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

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER Date

09 20

As Required by the Provisions of the ASME Code Section Xi

1. Owner	Dominion Energy	gy Kewaunee, Inc.				Date 06/2	24/2008	
	N490 Highway	42, Kewaunee, Wis	<u>sconsin 54216-9511</u>			Sheet <u>1</u>	of <u>2</u>	
2. Plant	Kewaunee Pow	er Station				Unit <u>No</u>	<u>. 1</u>	i.
			consin 54216-9511			Work Orde	er <u>KW100390344</u>	
3. Work P	Performed By	Dominion Energy-K	ewaune	3		Type Code	e Sym. Stamp <u>NA</u>	
	<u>N</u>	1490 Highway 42, k	(ewaunee, Wisconsin	54216-9511		Authorizati	ion No. Not Applica	able
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL Expiration Date Not Applicable								
5. (a) App	licable Construct	tion Code <u>NA</u>		' (c)	Applicable S	ection XI Co	de Case <u>NA</u>	
(b) App	licable Edition of	Section XI Used for	or Repair/Replacemer	it Activity 1998 Ec	lition 2000 Ac	idenda		
(~) (<u></u>				<u>1000-20</u>		<u>aonau</u>		
6. Identific	cation of Compor	nents						
Name o			Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
Compone	Manulac	luiei	Senar No.	Board Ho.	ID ID	Dunt	, instance	otamped
	B-SC2 AJAX IRO		6576	NA	00076	1967	CORRECTED	N
							,	• <u>•</u>
APCH-1E	3-SC2 AJAX IR	ON WORKS		NA	00076	1967	CORRECTED	N
APCH-1E	3-SC2 AJAX IR(ON WORKS	6576 REMOVAL ON CLAS	NA S 2 CHEMICAL AN	00076	1967 CONTROL S	CORRECTED	N <u>G PUMP 1B</u>
APCH-1E	3-SC2 AJAX IR(ON WORKS ERFORM METAL IOTOR AND BASE	6576 REMOVAL ON CLAS	NA S 2 CHEMICAL AN	00076	1967 CONTROL S		N <u>G PUMP 1B</u>
APCH-1E	B-SC2 AJAX IRG	ON WORKS	6576 REMOVAL ON CLAS SUPPORT PADS. Pneumati	NA <u>S 2 CHEMICAL AN</u> c Nom	00076	1967 CONTROL S		N <u>G PUMP 1B</u>
APCH-1E 7. Descrip 8. Tests c	B-SC2 AJAX IRG	ON WORKS	6576 REMOVAL ON CLAS SUPPORT PADS. Pneumati	NA <u>S 2 CHEMICAL AN</u> c Nom	00076	1967 CONTROL S		N <u>G PUMP 1B</u>

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 06/24/2008

Name of Component: <u>APCH-1B-SC2</u>

Work Order Number: KW100390344

CERTIFICATE OF COMPLIANCE
I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NA</u>
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>
Signed Phillip C. Buken Inserver Inspection Program Ourner Date November 9, 2009 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 Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>GMNYOB</u> to <u>22000</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER _{,20} 09 Date

	WNER'S REPORT F					
. Owner Dominion Energy Kewaunee,	Inc.			Date <u>06/</u>	24/2008	
N490 Highway 42, Kewaunee	Wisconsin 54216-9511	• .		Sheet 1	of <u>2</u>	
. Plant <u>Kewaunee Power Station</u>				Unit <u>No</u>	<u>. 1</u>	
				Work Ord	er <u>KW100393957</u>	
3. Work Performed By Dominion Energy-Kewaune				Type Code	e Sym. Stamp <u>NA</u>	
N490 Highway 42, Kewaunee, Wisconsin 54216-9511				Authorizat	ion No. <u>Not Applic</u>	able
4. Identification of System 35 Class 2 CHEMICAL AND VOLUME CONTROL				Expiration	Date <u>Not Applica</u>	ble
. (a) Applicable Construction Code NA		(0	c) Applicable S	ection XI Co	de Case <u>NA</u>	
(b) Applicable Edition of Section XI Us	ed for Repair/Replaceme	nt Activity 1998	Edition 2000 Ac	<u>Idenda</u>		· .
Identification of Components Name of Name of omponent Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
APCH-1B-SC2 AJAX IRON WORKS	6576	NA	00076	1967	CORRECTED	N
Description of Work <u>CORRECT CR/</u> PUMP 1B BAS	ACKED I BEAM SUPPOF ESUPPORT.	RT ON CLASS 2 C	HEMICAL ANI	O VOLUME	CONTROL SYSTE	M CHARGIN
Tests conducted Hydrostat	c D Pneuma	tic 🗌 No	minal Operatin	g Pressure	Exe	empt X
Other [Pressure	e psi	Test	emp.	deg. F	
•						
Remarks <u>NOT APPLICABLE.</u>	¥					
Remarks <u>NOT APPLICABLE.</u>	* 		<i>.</i> .			

Applicable Manufacturer's Data Reports to be Attached

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Sheet 2 of 2

Date: 06/24/2008

Name of Component: APCH-1B-SC2

Work Order Number: KW100393957

CERTIFICATE OF COM	PLIANCE
I certify that the statements made in the report are correct and that this COR ASME Code, Section XI.	RRECTED conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date _	Not Applicable
Signed Phillip C. Beken Instruct T more than Program Our Owner or Owner's Designee, Title	ner Date November 9, 20 09
CERTIFICATE OF INSERVICE	EINSPECTION
I, the undersigned, holding a valid commission issued by the National Board	of Boiler and Pressure Vessel Inspectors
and the State or Province of Wisconsin and employed by Hartford Steam Bo	oiler Inspection and Insurance Company of CT
have inspected the components described in this Owner's Report during the	(MAYOB 2) OTO9

to the best of my knowledge and belief, the Owner 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.

americ cemera Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER 09 Date .20

As Required by the Provisions of the ASME Code Section XI

	ominion Energy Kewaunee, Inc. 190 Highway 42, Kewaunee, Wis	consin 54216-9511			Date <u>10/19</u> Sheet <u>1</u>	0/2009 of <u>2</u>	
	2. Plant Kewaunee Power Station Unit No. 1 N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Work Order KW100395492						
3. Work Perfo	3. Work Performed By Dominion Energy-Kewaune Type Code Sym. Stamp NA N490 Highway 42, Kewaunee, Wisconsin 54216-9511 Authorization No. Not Applicable						
4. Identification of System <u>34</u> Class <u>1</u> <u>RESIDUAL HEAT REMOVAL</u> Expiration Date <u>Not Applicable</u>							
(b) Applica	ble Construction Code <u>ASME S</u> ble Edition of Section XI Used fo			Applicable Sec		e Case <u>NA</u>	
6. Identificatio	on of Components						
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
RHR-30B-3	BS&B SAFETY SYSTEMS	NA	NA	AC125-016	2009	INSTALLED	N
 7. Description 8. Tests cond 		MENT CLASS 1 RESI		IOVAL SYSTE inal Operating Test Te	Pressure	TURE DISC RHR-S (X Exen deg. F	
9. Remarks	NOT APPLICABLE.						
	Ň						
	Appl	cable Manufacturer's I	Data Reports to b	e Attached			

Sheet 2 of 2

Date: 10/19/2009

Name of Component: RHR-30B-3

Work Order Number: KW100395492

CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this INSTALLED ASME Code, Section XI.	conforms to the requirements of the					
Type Code Symbol Stamp <u>NA</u>						
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	x					
Signed Phillip C. Bukes Insurvece Impertum Program Owner Date No Owner or Owner's Designee, Title	overher 9,20 09					

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6 MAYO8</u> to <u>7200709</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

ana a Kemerd

Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

9 NOVEMBER 09 Date 20

	As Require	d by the Provisions	of the ASME Co	de Section XI			
1. Owner Dominion Energ	y Kewaunee, Inc.				Date 09/2	4/2008	
N490 Highway 4	2, Kewaunee, Wiso	onsin 54216-9511			Sheet 1	of <u>2</u>	
2. Plant Kewaunee Powe	Station	``			Unit <u>No.</u>	1	
	2, Kewaunee, Wisc	onsin 54216-9511			Work Orde	r <u>KW100420045</u>	
3. Work Performed By Do	ominion Energy-Ke	waune			Type Code	Sym. Stamp <u>NA</u>	
,		waunee, Wisconsin (54216-9511		Authorizati	on No. <u>Not Applica</u>	ible
4. Identification of System	<u>35</u> Class <u>2</u>	CHEMICAL AND VO	DLUME CONTRO	<u>DL</u>		Date <u>Not Applicab</u>	
5. (a) Applicable Constructi	on Code <u>B31.1-19</u>	6 <u>7</u>	(c) Applicable Se	ction XI Cod	le Case <u>NA</u>	
(b) Applicable Edition of \$	Section XI Used for	Repair/Replacement					
			,		hh <u>, a</u>		
6. Identification of Compone	ents	```	•	·		. /	,
Name of Name o Component Manufact		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
CVC-4A GRINNEL PROTECT	L FIRE FION SYSTEMS	NF	NA	CS033-007	1973	INSTALLED	N
	EPLACED VALVE	BONNET ASSEMBLY CVC-4A.	AND DIAPHRA	GM ON CLASS	2 CHEMIC	AL AND VOLUME (CONTROL
8. Tests conducted	Hydrostatic	Pneumatic	Nor	ninal Operating	Pressure	X Exer	npt
	Other	Pressure	<u>25</u> psi	Test Te	émp. <u>90</u>	deg. F	
9. Remarks <u>NOT APPLIC</u>	ABLE.	<		н			
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							,
	Appli	cable Manufacturer's	Data Reports to I	be Attached	·		
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		·	1				

Sheet	2	of	2
oneer	~	01	~

Date: 09/24/2008

Name of Component: CVC-4A

Work Order Number: KW100420045

I certify that the statements made in the report are correct and that this INSTALLED conforms to the requ ASME Code, Section XI.	urements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Bukes Inspection Program Owner Date November 9, 2 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 Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6m4Y08</u> to <u>2200709</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Inspector's Signature

Date 9 NOVEMBER

09

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FORM NIS-2	OWNER'S REP	PORT FOR REPAIR/R	EPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

•			· -				
1. Owner Dominion Ene	rgy Kewaunee, Inc.				Date <u>10/(</u>	08/2008	
N490 Highway	42, Kewaunee, Wis	consin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Kewaunee Pov</u> <u>N490 Highway</u>	ver Station 42, Kewaunee, Wis	<u>consin 54216-9511</u>	,		Unit <u>No</u> Work Orde	<u>. 1</u> er <u>KW1004210</u>	<u>13</u>
3. Work Performed By	Dominion Energy-Ke			· ·	Type Code	e Sym. Stamp	NA
		ewaunee, Wisconsin	54216-9511	د			
					•	ion No. <u>Not Ap</u>	
4. Identification of System	<u>35</u> Class <u>2</u>	CHEMICAL AND V	OLUME CONTR	<u>OL</u>	Expiration	Date <u>Not Appl</u>	cable
5. (a) Applicable Construct	tion Code <u>NA</u>		(c) Applicable Sec	tion XI Co	de Case <u>NA</u>	
(b) Applicable Edition o	f Section XI Used fo	r Repair/Replacement	Activity <u>1998 I</u>	Edition 2000 Add	<u>enda</u>		
6. Identification of Compo	nents						
Name of Name Component Manufa		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, c Instailed	or Code
APCH-1A-SC1 AJAX IR	ON WORKS	6578	NA	00075	1967	INSTALLED	N
		<u></u>		<u> </u>			
	NSTALL CLASS 2 (SUPPORTS.	Chemical and volu	JME CONTROL	SYSTEM CHAR	GING PU	MP 1A MOTOR	AND BASE
8. Testš conducted	Hydrostatic	Pneumatic	No	minal Operating	Pressure		Exempt X
, :	Other	Pressure	psi	Test Te	mp.	deg. F	2
							x.
9. Remarks <u>NOT APPL</u>	CABLE.		і				
	1						
	·				,		
	Appl	icable Manufacturer's	Data Reports to	be Attached			
		1					

Sheet 2 of 2

Date: 10/08/2008

Name of Component: APCH-1A-SC1

Work Order Number: KW100421013

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this INSTALLED	conforms to the requirements of the -
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Bukes Inserver Engection Program Owner Date No Owner or Owner's Designee, Title	vember 9 20 09

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT
have inspected the components described in this Owner's Report during the period 6matos to 22007, and state that
to the best of my knowledge and belief, the Owner 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.

amerler cemery. Commissions NB 11622, I, N, B, A WIS 100131 Inspector's Signature

National Board, State, Province, and Endorsements

9 NOVEMBER ,20 09 Date

As Required by the Provisions of the ASME Code Section XI

1. Owner Dominion Energy I	Kewaunee, Inc.				Date <u>10/3</u>	30/2009	
N490 Highway 42,	Kewaunee, Wisc	consin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Kewaunee Power</u> <u>N490 Highway 42.</u>		consin 54216-9511			Unit <u>No</u> Work Orde	<u>. 1</u> er <u>KW100427863</u>	
3. Work Performed By Dom	ninion Energy-Ke	waune			Type Code	Sym. Stamp <u>NA</u>	
<u>N49</u>	0 Highway 42, Ke	waunee, Wisconsin	54216-9511		Authorizati	on No. Not Applica	able
4. Identification of System 3	3 <u>5</u> Class <u>2</u>	CHEMICAL AND V	OLUME CONTRO	<u>)</u>	Expiration	Date <u>Not Applicab</u>	le
5. (a) Applicable Construction	n Code <u>B31.1-19</u>	<u>67</u>	(c) Applicable Sec	tion XI Co	de Case <u>NA</u>	
(b) Applicable Edition of Se	ection XI Used for	Repair/Replacemen	t Activity <u>1998 E</u>	dition 2000 Add	enda		
6. Identification of Componen	ts						
Name of Name of Component Manufactur	rer	Manufacturer 🦯 Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
LD-60 VELAN VAL CORPORAT		NF	NA	CS117-001	1971	CORRECTED	N
7. Description of Work <u>COF</u> <u>60.</u>	RRECT VALVE P	ACKING LEAKAGE	ON CLASS 2 CH	EMICAL AND V	OLUME CO	ONTROL SYSTEM	2" VALVE LD-
8. Tests conducted	Hydrostatic	Pneumatio	c 🗌 · Nọr	ninal Operating	Pressure	X Exe	mpt
	Other	Pressure	<u>164</u> psi	Test Te	mp. <u>104</u>	deg. F	
9. Remarks <u>NOT APPLICA</u>	BLE.						

Applicable Manufacturer's Data Reports to be Attached

Sheet 2 of 2

Date: 10/30/2009

Name of Component: LD-60

Work Order Number: KW100427863

CERTIFICATE OF COMPLIANCE							
I certify that the statements made in the report are correct and that this CORRECTED conforms to the requirements of the ASME Code, Section XI.							
Type Code Symbol Stamp <u>NA</u>							
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>							
Signed Phillip C. Bukes Inservice Inspection Program Owner Date November 9_,2009_ 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 Insurance Company of CT
have inspected the components described in this Owner's Report during the period <u>6MAYOB</u> to <u>220c709</u> , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

anes a Miemera Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 9 NOVEMBER 20

09____

As Required by the Provisions of the ASME Code Section XI

		•		
1. Owner Dominion Energy Kewaunee, Inc.	.	Date <u>08/1</u>	7/2009	
N490 Highway 42, Kewaunee, Wisconsin 54216-9511		Sheet <u>1</u>	of <u>2</u>	\smile
2. Plant <u>Kewaunee Power Station</u>	I	Unit <u>No.</u>	<u>1</u>	
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	,	Work Orde	r <u>KW100453017</u>	
3. Work Performed By <u>Dominion Energy-Kewaune</u>		Type Code	Sym. Stamp <u>NA</u>	
N490 Highway 42, Kewaunee, Wisconsin 54216-9511		Authorizatio	on No. <u>Not Applica</u>	able
I. Identification of System <u>23</u> Class <u>2</u> <u>CONTAINMENT SPRAY</u>	, 	Expiration [Date Not Applicab	le
		·		<u>.</u>
. (a) Applicable Construction Code <u>ASME SECT. II-1986</u> (c) Applicable Construction Code	pplicable Sec	tion XI Cod	le Case <u>NA</u>	
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity <u>1998 Edition</u>	ion 2000 Add	enda ,		
3. Identification of Components			· .	
			Corrected,	ASME
Name of Name of Manufacturer National component Manufacturer Serial No. Board No.	Other ID	Year Built	Removed, or Installed	Code Stamped
CS-60A FLOWSERVE 02BPE NA	NA	2009	INSTALLED	N
ICS-60A FLOWSERVE 02BPE NA	NA	2009	INSTALLED	N
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST		3/4" PIPINC		<u>ICS-60A.</u>
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	Γ <u>EM 2" AND 3</u> al Operating I	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	<u>rem 2" and :</u>	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	Γ <u>EM 2" AND 3</u> al Operating I	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	Γ <u>EM 2" AND 3</u> al Operating I	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	Γ <u>EM 2" AND 3</u> al Operating I	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>
Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	Γ <u>EM 2" AND 3</u> al Operating I	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>
2. Description of Work INSTALL CLASS 2 INTERNAL CONTAINMENT SPRAY SYST	Γ <u>EM 2" AND 3</u> al Operating I	3/4" PIPINC	G AND 3/4" VALVE	<u>ICS-60A.</u>

Sheet 2 of 2

Date: 08/17/2009

Name of Component: ICS-60A

Work Order Number: KW100453017 ^

CERTIFICATE OF C	OMPLIANCE	
I certify that the statements made in the report are correct and that this ASME Code, Section XI.	INSTALLED	conforms to the requirements of the —
Type Code Symbol Stamp <u>NA</u>		
Certificate of Authorization No. <u>Not Applicable</u> Expiration Da	te Not Applicable	
Signed <u>Phillips C Bukes Insurver Inspiriton Prog</u> Owner or Owner's Designee, Title	10mi Oumer Date N	overber 9, 20 09

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT
have inspected the components described in this Owner's Report during the period <u>GMAYOB</u> to <u>220009</u> , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

cemery ames le Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements Inspector's Signature 9 NOVEMBER ,20 _**09** Date

FORM NIS-2 OWNER'S	S REPORT FOR REPAIR/REPL	ACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

Kewaunee, Inc.				Date <u>09/</u>	1/2009	
, <u>Kewaunee, Wis</u>	<u>consin 54216-9511</u>			Sheet <u>1</u>	of <u>2</u>	
	<u>, consin 54216-9511</u>					
ninion Energy-Ke	waune			Type Code	e Sym. Stamp <u>NA</u>	
90 Highway 42, K	ewaunee, Wisconsin	<u>54216-9511</u>	٢.	Authorizat	ion No. <u>Not Applica</u>	able
<u>34</u> Class <u>2</u>	RESIDUAL HEAT F	REMOVAL		Expiration	Date <u>Not Applicab</u>	le
n Code <u>B16.34</u>			(c) Applicable Se	ection XI Co	de Case <u>NA</u>	
ection XI Used fo	r Repair/Replacement	t Activity <u>199</u>	8 Edition 2000 Ad	denda		
nts				•		
rer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or installed	ASME Code Stamped
VE	08BPE	NA	NA	2009	INSTALLED	N
TALL CLASS 2 F	RESIDUAL HEAT REN	MOVAL SYSTE	<u>EM 2" AND 3/4" F</u>	IPING AND	3/4" VALVE RHR-2	220.
Hydrostatic	Pneumatic	· 🗌 ·	Iominal Operating	Pressure	X Exe	mpt
Other	Pressure	, <u>175</u> psi	Test T	emp. <u>88</u>	j deg. F	•
BLE.						
					· ·	
	Station , Kewaunee, Wis minion Energy-Ke 20 Highway 42, K 34 Class 2 n Code <u>B16.34</u> ection XI Used fo nts rer VE TALL CLASS 2 F Hydrostatic	Kewaunee, Wisconsin 54216-9511 Station Kewaunee, Wisconsin 54216-9511 minion Energy-Kewaune 20 Highway 42, Kewaunee, Wisconsin 34 Class 2 RESIDUAL HEAT F n Code B16.34 ection XI Used for Repair/Replacement nts Manufacturer rer Serial No. VE 08BPE TALL CLASS 2 RESIDUAL HEAT REF Hydrostatic Pneumatic Other Pressure	, Kewaunee, Wisconsin 54216-9511 Station , Kewaunee, Wisconsin 54216-9511 minion Energy-Kewaune 20 Highway 42, Kewaunee, Wisconsin 54216-9511 34 Class 2 RESIDUAL HEAT REMOVAL n Code B16.34 ection XI Used for Repair/Replacement Activity 1998 nts mts Manufacturer National rer Serial No. VE 08BPE NA TALL CLASS 2 RESIDUAL HEAT REMOVAL SYSTE Hydrostatic Pneumatic Pressure 175	, Kewaunee, Wisconsin 54216-9511 Station , Kewaunee, Wisconsin 54216-9511 ninion Energy-Kewaune 20 Highway 42, Kewaunee, Wisconsin 54216-9511 34 Class 2 RESIDUAL HEAT REMOVAL n Code B16.34 (c) Applicable Se ection XI Used for Repair/Replacement Activity 1998 Edition 2000 Ad nts Manufacturer National Other ID VE 08BPE NA NA TALL CLASS 2 RESIDUAL HEAT REMOVAL SYSTEM 2" AND 3/4" P Hydrostatic Pneumatic Nominal Operating Other Pressure 175 psi	Kewaunee, Wisconsin 54216-9511 Sheet 1 Station Unit No Kewaunee, Wisconsin 54216-9511 Work Orde minion Energy-Kewaune Type Code 20 Highway 42, Kewaunee, Wisconsin 54216-9511 Authorizati 34 Class 2 RESIDUAL HEAT REMOVAL Expiration n Code B16.34 (c) Applicable Section XI Co ection XI Used for Repair/Replacement Activity 1998 Edition 2000 Addenda nts	Kewaunee, Wisconsin 54216-9511 Sheet 1 of 2 Station Unit No.1 Kewaunee, Wisconsin 54216-9511 Work Order KW100453019 minion Energy-Kewaune Type Code Sym. Stamp NA 20 Highway 42. Kewaunee, Wisconsin 54216-9511 Authorization No. Not Application No. Not Application 34 Class 2 RESIDUAL HEAT REMOVAL Expiration Date Not Application an Code B16.34 (c) Applicable Section XI Code Case NA ection XI Used for Repair/Replacement Activity 1998 Edition 2000 Addenda nts rer Manufacturer National Other Yee 08BPE NA NA 204 08BPE Yee 08BPE NA NA 205 2 RESIDUAL HEAT REMOVAL SYSTEM 2" AND 3/4" PIPING AND 3/4" VALVE RHR-2 Yee 08BPE NA 2009 Yee NA Yee Na Yee Na Yee Na Yee 08BPE Yee NA Yee Yee Yee Na Yee Yee

Sheet 2 of 2

Date: 09/11/2009

Name of Component: RHR-220

Work Order Number: KW100453019

I certify that the statements made in the report are correct and that this INSTALLED	conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	. \
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Bukeo Inserver Inspection Program Oumer Date No. Owner or Owner's Designee, Title	ovember 9 ,20 09

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6mhro8</u> to <u>220cro9</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\subset	ames a Kiemerg		Commissions	NB 11622, I, N, B, A	WIS 100131	
	Inspector's Signature			National Board, State,	Province, and Endorsements	
Date	9 NOVEMBER	_{,20} _ م9	_			`r

As Required by the Provisions of the ASME Code Section XI

3

1. Owner <u>Dominion Er</u>	nergy Kewaunee, Inc.				Date <u>10/2</u>	20/2009		
N490 Highw	ay 42, Kewaunee, Wis	<u>consin 54216-9511</u>			Sheet <u>1</u>	of <u>2</u>		
	Power Station ay 42, Kewaunee, Wise	consin 54216-9511			Unit <u>No.</u> Work Orde	<u>. 1</u> er <u>KW10045302</u>	, 1 <u>2</u>	
3. Work Performed By	Dominion Energy-Ke	waune	,		Type Code	sym. Stamp⊥ <u>h</u>	A	
	N490 Highway 42, K	ewaunee, Wisconsin	54216-9511		Authorizati	on No. <u>Not App</u>	licable	
4. Identification of System	Identification of System <u>34</u> Class <u>2</u> <u>RESIDUAL HEAT REMOVAL</u> Expiration Date <u>Not Applicable</u>							
5. (a) Applicable Const	ruction Code ASME SI	<u>EC.III-1986</u>	(0	c) Applicable Sec	ction XI Cod	de Case <u>NA</u>		
(b) Applicable Editior	n of Section XI Used for	Repair/Replacemen	t Activity <u>1998 E</u>	Edition 2000 Add	end <u>a</u>			
6. Identification of Com	ponents	·		,				
	ne of	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, o Installed	ASME r Code Stamped	
RHR-40 FLOW	SERVE	95 BPD	NA	AC008-013	2009	INSTALLED	N	
7. Description of Work	INSTALL CLASS2 R	ESIDUAL HEAT REN	MOVAL SYSTEM	<u>2" AND 3/4" PIF</u>	PING AND	3/4" VALVE RHF	<u>-40.</u>	
8. Tests conducted	Hydrostatic	Pneumati	c 🗌 No	minal Operating	Pressure	ΧE	xempt	
	Other	Pressure	<u>160</u> psi	Test Te	mp. <u>70</u>) deg. F		
9. Remarks <u>NOT APP</u>	PLICABLE.	·						
	N						• .	
		ł	·				6	
	Appli	cable Manufacturer's	Data Reports to	be Attached				

Sheet 2 of 2

Date: 10/20/2009

Name of Component: <u>RHR-40</u>

Work Order Number: KW100453022

······································	
CERTIFICATE OF COMPLIANCE	^
I certify that the statements made in the report are correct and that this INSTALLED	conforms to the requirements of the
ASME Code, Section XI.	. J ,
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Bukes Inservices montan Program Ourner Date No Owner or Owner's Designee, Title	20 09, 20 09

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors
and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT
have inspected the components described in this Owner's Report during the period <u>6mHYOB</u> to <u>ZZOCTO9</u> , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

ames a Viermery	Commissions	NB 11622, I, N, B, A WIS 100131	. •
Inspector's Signature	. C'	National Board, State, Province, and Endorsements	
Date 9 NOVEMBER ,20 09			,

٩,

As Required by the Provisions of the ASME Code Section XI

							,
1. Owner Dominion Energy	gy Kewaunee, Inc.	~			Date <u>10/2</u>	9/2009	
N490 Highway	42, Kewaunee, Wis	consin 54216-9511			Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Kewaunee Pow</u>		· • •			Unit <u>No.</u>	_	
N490 Highway	42, Kewaunee, Wis	<u>consin 54216-9511</u>		,	Work Orde	r <u>KW100453023</u>	
. Work Performed By	Dominion Energy-Ke	ewaune			Type Code	Sym. Stamp <u>NA</u>	
<u>N</u>	1490 Highway 42, K	ewaunee, Wisconsin	<u>1 54216-9511</u>		Authorizatio	on No: <u>Not Applica</u>	ble I
. Identification of System	<u>34</u> Class <u>2</u>	RESIDUAL HEAT	REMOVAL		Expiration I	Date <u>Not Applicabl</u>	e
. (a) Applicable Construc	tion Code <u>ASME S</u>	ECT. III-1986	(c) Applicable Se	ection XI Cod	le Case <u>NA</u>	,
(b) Applicable Edition of	Section XI Used for	r Repair/Replacemer	nt Activity <u>1998</u>	Edition 2000 Ad	<u>denda</u>		
6. Identification of Compor	onte					`	
. Identification of Compor	ients t	-					ĸ
	· · · · · · · · · · · · · · · · · · ·			<u> </u>		Corrected,	ASME
Name of Na		Manufacturer Serial No.	National Board No.	Other ID	Year Built	Removed, or Installed /	Code Stamped
		03 BPE	NA	NA	2009	INSTALLED	N
RHR-501A FLOWSE	-IVL	00 BI E	11/1	110	2000	into in include	
							· · · · · ·
					· · · · · · · · · · · · · · · · · · ·		• • •
		" PIPING AND 3/4"			· · · · · · · · · · · · · · · · · · ·		• • •
					· · · · · · · · · · · · · · · · · · ·		• • •
Description of Work I			VALVE RHR-501		RESIDUAL		<u>YSTEM.</u>
. Description of Work I	NSTALL 2" AND 3/4	4" PIPING AND 3/4"	VALVE RHR-501	A ON CLASS 2 ominal Operating	RESIDUAL	HEAT REMOVAL S	<u>YSTEM.</u>
Description of Work I	NSTALL 2" AND 3/4 Hydrostatic	I" PIPING AND 3/4" \	<u>VALVE RHR-501</u> ic Nc	A ON CLASS 2	RESIDUAL	HEAT REMOVAL S	<u>YSTEM.</u>
Description of Work I	NSTALL 2" AND 3/4 Hydrostatic Other	I" PIPING AND 3/4" \	<u>VALVE RHR-501</u> ic Nc	A ON CLASS 2 ominal Operating	RESIDUAL	HEAT REMOVAL S	<u>YSTEM.</u>
Description of Work I	NSTALL 2" AND 3/4 Hydrostatic Other	I" PIPING AND 3/4" \	<u>VALVE RHR-501</u> ic Nc	A ON CLASS 2 ominal Operating	RESIDUAL	HEAT REMOVAL S	<u>YSTEM.</u>
Description of Work I	NSTALL 2" AND 3/4 Hydrostatic Other	4" PIPING AND 3/4" \ Pneumat Pressure	VALVE RHR-501 ic No <u>135</u> psi	<u>A ON CLASS 2</u> ominal Operating Test T	RESIDUAL	HEAT REMOVAL S	<u>YSTEM.</u>
Description of Work I	NSTALL 2" AND 3/4 Hydrostatic Other	4" PIPING AND 3/4" \ Pneumat Pressure	<u>VALVE RHR-501</u> ic Nc	<u>A ON CLASS 2</u> ominal Operating Test T	RESIDUAL	HEAT REMOVAL S	<u>YSTEM.</u>

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Sheet 2 of 2

Date: 10/29/2009

Name of Component: RHR-501A

Work Order Number: KW100453023

CERTIFICATE OF COMPLIANCE	3
I certify that the statements made in the report are correct and that this INSTALLED ASME Code, Section XI.	conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Bukes Instruce Inspection Programs Owner Date No Owner or Owner's Designee, Title	vomber 9 ,20 09
	· · · · · · · · · · · · · · · · · · ·

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6MATOB</u> to <u>220CT09</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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amesur Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131 / National Board, State, Province, and Endorsements

Date (9 NOVEMBER

As Required by the Provisions of the ASME Code Section XI

1. Owner Dominion Energy Kewaunee, Inc.	Date <u>10/19/2009</u>
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Sheet 1 of 2
	Unit <u>No. 1</u>
2. Plant <u>Kewaunee Power Station</u> N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Work Order <u>KW100453024</u>
3. Work Performed By Dominion Energy-Kewaune	Type Code Sym. Stamp <u>NA</u>
N490 Highway 42, Kewaunee, Wisconsin 54216-9511	Authorization No. Not Applicable
4. Identification of System <u>34</u> Class <u>2</u> <u>RESIDUAL HEAT REMOVAL</u>	Expiration Date <u>Not Applicable</u> ,
5. (a) Applicable Construction Code <u>ASME SECT. III-1986</u> (c) Applicable Se	ction XI Code Case <u>NA</u>
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 1998 Edition 2000 Add	lenda
6. Identification of Components	
Name of Name of Manufacturer National Other Component Manufacturer Serial No. Board No. ID	Corrected, ASME Year Removed, or Code Built Installed Stamped
RHR-31A-1 FLOWSERVE 07 BPE NA NA	2009 INSTALLED N
RHR-31A-1 FLOWSERVE 07 BPE NA NA 7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Other Pressure 353 psi Test Test Test	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Other Pressure <u>353</u> psi Test Te	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Other Pressure <u>353</u> psi Test Te	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Other Pressure <u>353</u> psi Test Te	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Other Pressure <u>353</u> psi Test Te	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt
7. Description of Work INSTALL 2" AND 3/4" PIPING AND 3/4" VALVE RHR-31A-1 ON CLASS 1 8. Tests conducted Hydrostatic Pneumatic Nominal Operating Other Pressure <u>353</u> psi Test Te	RESIDUAL HEAT REMOVAL SYSTEM. Pressure X Exempt

Sheet 2 of 2

Date: 10/19/2009

Name of Component: <u>RHR-31A-1</u>

Work Order Number: KW100453024

CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. Not Applicable Expiration Date Not Applicable

Signed Phillip C. Bukes Inservice Inspection Program Owner Date November 9, 2009 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 Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6 MAYOB</u> to <u>220009</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning

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

09

amerile Memery Inspector's Signature

Commissions NB 11622, I, N, B, A WIS 100131

National Board, State, Province, and Endorsements

Date 9NOVEMBER .20

	FORM NIS-2 OW As Requ	NER'S REPORT red by the Provisior			ENT ACT	IVITY	, ·
1. Owner	Dominion Energy Kewaunee, Inc	<u>.</u>			Date <u>09/</u>	23/2009	
	N490 Highway 42, Kewaunee, W	lisconsin 54216-9511	• •		Sheet _	<u>l</u> of <u>2</u>	
2. Plant Kewaunee Power Station					Unit <u>No. 1</u>		
	N490 Highway 42, Kewaunee, W	lisconsin 54216-9511			Work Order <u>KW100453025</u>		
3. Work P	erformed By <u>Dominion Energy-</u>	Kewaune			Type Cod	e Sym. Stamp ⁻ <u>NA</u>	
	N490 Highway 42,	Kewaunee, Wiscons	<u>in 54216-9511</u>		Authorization No. Not Applicable		
4. Identific	; cation of System <u>33</u> Class <u>3</u>	SAFETY INJECT	ION		Expiration	Date Not Applicab	le
		Manufacturer Serial No.	National Board Ño.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
SI-301A	ALOYCO INCORPORATE	D 70A 6354	NA	SI017-001	1972	INSTALLED	N
7. Descrip		EMENT VALVE BON		SAFETY INJEC	CTION SYS	STEM 10" VALVE SI	-301A AND

9. Remarks NOT APPLICABLE.

Other

Applicable Manufacturer's Data Reports to be Attached

Pressure

<u>35</u> psi

Test Temp.

<u>93</u> deg. F

Sheet 2 of 2

Date: 09/23/2009

Name of Component: SI-301A

Work Order Number: KW100453025

CERTIFICATE OF COMPLIANCE	· · · · · · · · · · · · · · · · · · ·
I certify that the statements made in the report are correct and that this INSTALLED	conforms to the requirements of the —
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillip C. Bukes Ensines Engestion Program Owner Date N Owner or Owner's Designee, Title	overnber 9 ,20 <u>0 9</u>

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6mAtroB</u> to <u>220cTo9</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

\subset	Dames un lier	mery	Commissions	NB 11622, I, N, B, A WIS 100131	<u>·</u>
	Inspector's Signature			National Board, State, Province, and Endorsem	ents
Date	9 NOVEMBER	09		· · · · · · · · · · · · · · · · · · ·	
		1		· · · · · · · · · · · · · · · · · · ·	

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

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As Required by the Provisions of the ASME Code Section XI

1. Owner Dominion Ene	rgy Kewaunee, Inc.		Date	e <u>10/30/2009</u>	
N490 Highway	42, Kewaunee, Wisconsin	<u>1 54216-9511</u>	She	et <u>1</u> of <u>2</u>	
2. Plant Kewaunee Pov	wer Station		Unit	t <u>No. 1</u>	
	42, Kewaunee, Wisconsin	54216-9511	Wo	rk Order <u>KW100453026</u>	
3. Work Performed By	Dominion Energy-Kewaune	2	Тур	e Code Sym. Stamp <u>NA</u>	
	N490 Highway 42, Kewaun	nee, Wisconsin 54216-9511	Auti	horization No. Not Applic	able
4. Identification of System	n <u>33</u> Class <u>2</u> <u>SAF</u>	ETY INJECTION	Exp	iration Date Not Applical	<u>ble</u>
5. (a) Applicable Constru	ction Code <u>B16.5-1967</u>		(c) Applicable Section	NI Code Case <u>NA</u>	
(b) Applicable Edition c	of Section XI Used for Repa	air/Replacement Activity <u>19</u>	98 Edition 2000 Addend	<u>a</u>	
6 Identification of Comm					
Identification of Compo	inents .				
· · ·			1		
Name of Name		ufacturer National	Other Y	Corrected, ear Removed, or	ASME Code
Component Manufa	cturer Se	erial No. Board No.	ID B	uilt Installed	Stamped
	cturer Se			72 INSTALLED	N Stamped
SI-301B ALOYCO	O INCORPORATED NF	- NA BONNET ON CLASS 2 SAF	SI017-002 19	072 INSTALLED	N
SI-301B ALOYCO	O INCORPORATED NF	- NA BONNET ON CLASS 2 SAF	SI017-002 19	72 INSTALLED	N
SI-301B ALOYCO	O INCORPORATED NF	EONNET ON CLASS 2 SAF	SI017-002 19 EETY INJECTION SYST	972 INSTALLED EM 10" VALVE SI-301B / ssure X Exe	N AND INSTALL
SI-301B ALOYCO	O INCORPORATED NF	NA <u>BONNET ON CLASS 2 SAF</u> <u>I-301B.</u> Pneumatic	SI017-002 19 EETY INJECTION SYST	972 INSTALLED EM 10" VALVE SI-301B / ssure X Exe	
SI-301B ALOYCO	O INCORPORATED NF	NA <u>BONNET ON CLASS 2 SAF</u> <u>I-301B.</u> Pneumatic	SI017-002 19 EETY INJECTION SYST	972 INSTALLED EM 10" VALVE SI-301B / ssure X Exe	N AND INSTALL
SI-301B ALOYCO	O INCORPORATED NF	NA <u>BONNET ON CLASS 2 SAF</u> <u>I-301B.</u> Pneumatic	SI017-002 19 EETY INJECTION SYST	972 INSTALLED EM 10" VALVE SI-301B / ssure X Exe	N AND INSTALL
SI-301B ALOYCO	O INCORPORATED NF	NA <u>BONNET ON CLASS 2 SAF</u> <u>I-301B.</u> Pneumatic	SI017-002 19 EETY INJECTION SYST	972 INSTALLED T <u>EM 10" VALVE SI-301B /</u> ssure X Exe <u>87</u> deg. F	N AND INSTALL

NIS-2 (Back)

Sheet 2 of 2

Date: 10/30/2009

Name of Component: SI-301B

Work Order Number: KW100453026

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this INSTALLED	conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	,
Signed Phillip C Bukes Inservere Inspections Program Owner Date No Owner or Owner's Designee, Title	nuember 9 ,20 <u>09</u>

CERTIFICATE OF INSERVICE INSPECTION

t, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period <u>6m#YoB</u> to <u>220079</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

cemeral

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements

Inspector's Signature

9 NOVEMBER ,20 **09** Date

<u> </u>		INER'S REPORT I					
1. Owner Dor	ninion Energy Kewaunee, In	<u>C.</u>		· ·	Date <u>11/</u>	02/2009	_^
<u>N49</u>	<u>80 Highway 42, Kewaunee, V</u>	<u> Nisconsin 54216-9511</u>			Sheet <u>1</u>	of <u>2</u>	
	vaunee Power Station				Unit <u>No</u>		
	00 Highway 42, Kewaunee, V					er <u>KW100453027</u>	
3. Work Perfor		<u>-Kewaune</u> 2. Kewaunee, Wisconsi	n 54216-9511	•		e Sym. Stamp <u>NA</u>	
4. Identification			,			ion No. <u>Not Applic</u> Date <u>Not Applicat</u>	
		ſ					
	le Construction Code ASME			(c) Applicable S		de Case <u>NA</u>	
	le Edition of Section XI Used	Tor Repair Replaceme	III ACIIVILY <u>1998</u>		Joenda		
6. Identification	a of Components				,		
	· · · · · · · · · · · · · · · · · · ·	<u> </u>		<u></u>		Corrected,	ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Removed, or Installed	Code Stamped
SI-31-1	FLOWSERVE	99 BPD	NA	NA	2009	INSTALLED	Ν
7. Description	of Work <u>INSTALL 2" AND</u>	3/4" PIPING AND 3/4"		DN CLASS 2 SA		CTION SYSTEM. X Exe	mpt
8. Tests condu	cted Hydrostatic Other	Pneuma		Test 1	Гетр. <u>5</u> 4	<u>4</u> deg. F _∖	
. ,		· Lł			Гетр. <u>54</u>	<u>1</u> deg. F .	
. ,	Other	· Lł			Гетр. <u>5</u> 4	1 deg. F	
. ,	Other	· Lł			Гетр. <u>5</u> 2	₫ deg. F 、	
. ,	Other	· Lł			Гетр. <u>5</u> 4	<u>4</u> deg. 두 .	
. ,	Other	· Lł	28 psi	Test 1	Гетр. <u>5</u> 4	<u>4</u> deg. F <u>,</u>	
. ,	Other] Pressure	28 psi	Test 1	Гетр. <u>5</u> 4	<u>4</u> deg. F <u>,</u> .	

NIS-2 (Back)

Sheet 2 of 2

Date: 11/02/2009

Name of Component: SI-31-1

Work Order Number: KW100453027

CERTIFICATE OF COMPLIANCE
I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp <u>NA</u>
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>
Signed Phillip C. Bukes Inspresses Inspection Program Owner Date November 9 ,2009 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 Insurance Company of CT
have inspected the components described in this Owner's Report during the period <u>6mayoe</u> to <u>220009</u> , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising.

from or connected with this inspection.

9 NOVEMBER

ames u N comercy	Commissions	NB 11622, I, N, B, A WIS 100131
Inspector's Signature		National Board, State, Province, and Endorsements

09

,20 _

Date

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

1

As Required by the Provisions of the ASME Code Section XI

1. Owner Dominion Energy Kewaunee, Ir	IC.			Date <u>10/1</u>	19/2009	
N490 Highway 42, Kewaunee,	_		~		of <u>2</u>	
2. Plant Kewaunee Power Station				Unit <u>No</u>	<u>. 1</u>	
N490 Highway 42, Kewaunee, 1	<u> Wisconsin 54216-9511</u>			Work Orde	er <u>KW100453032</u>	
3. Work Performed By Dominion Energy	-Kewaune			Type Code	e Sym. Stamp <u>NA</u>	
	2, Kewaunee, Wisconsin	54216-9511		Authorizati	ion No. <u>Not Applica</u>	ble
4. Identification of System <u>33</u> Class	2 SAFETY INJECTIO	<u>IN</u>			Date Not Applicab	
5. (a) Applicable Construction Code ASM	E SECT.III-1986	(0	c) Applicable Se	ction XI Co	de Case <u>NA</u>	
(b) Applicable Edition of Section XI Use	d for Repair/Replacement	Activity <u>1998 E</u>	Edition 2000 Ad	denda		
6. Identification of Components						
Name of Name of Component Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
SI-309 _ FLOWSERVE	96 BPD	NA	NA	2009	INSTALLED	N
	.3/4" PIPING AND 3/4" V					
 7. Description of Work <u>INSTALL 2" AND</u> 8. Tests conducted Hydrostatic Other 			<u>I CLASS 2 SAF</u> ninal Operating / Test Tr	Pressure	X Exer	npt
8. Tests conducted Hydrostatic	Pneumatic	: Nor	ninal Operating	Pressure	X Exer	npt
8. Tests conducted Hydrostatic	Pneumatic	: Nor	ninal Operating	Pressure	X Exer	npt
8. Tests conducted Hydrostatic Other	Pneumatic	: Nor <u>353</u> psi	ninal Operating / Test T	Pressure	X Exer	npt

NIS-2 (Back)

Sheet 2 of 2

Date: 10/19/2009

Name of Component: SI-309

Work Order Number: KW100453032

CERTIFICATE OF COMPLIANCE						
I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the ASME Code, Section XI.						
Type Code Symbol Stamp <u>NA</u>						
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>						
Signed Phillips C. Bukes/Inserver Inspection Program Owner Date November 9, 2009 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 Insurance Company of CT
have inspected the components described in this Owner's Report during the period <u>6mAYOB</u> to <u>220cTOP</u> , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

	Inspector's Signature	Commissions		WIS 100131 Province, and Endorseme	nts
Date	9 NOVEMBER ,20 09		:		

				Data 10/20/2000		
Owner Dominion Energy Kewaunee, Inc		·		Date <u>10/30/2009</u>		
N490 Highway 42, Kewaunee, N	/ISCONSIN_54216-9511	ĸ		Sheet <u>1</u> of <u>2</u>		
Plant Kewaunee Power Station	lin			Unit <u>No. 1</u>		
<u>N490 Highway 42, Kewaunee, N</u>	Work Order <u>KW100494435</u> Type Code Sym. Stamp <u>NA</u>					
Nork Performed By Dominion Energy-						
N490 Highway 42,	Kewaúnee, Wisconsir	<u>1 54216-9511</u>		Authorization No. Not	Applicable	
dentification of System <u>33</u> Class 2	SAFETY INJECTI	<u>ON</u>		Expiration Date Not A	pplicable	
(a) Applicable Construction Code B31.1-	196 <u>7</u>	(C)	Applicable S	ection XI Code Case <u>N</u>	A	
b) Applicable Edition of Section XI Used	for Renair/Renlacemer	nt Activity 1998 F	dition 2000 Ar	Idenda		
1					,	
dentification of Components	· · · ·					
·			• • •	\ 		
ame of Name of mponent Manufacturer	Manufacturer Serial No.	National Board No.	Other ID	Correct Year Remove Built Instal	ed, or Code	
CC (DOMINION ENERGY	NA /	NA	NA	2009 INSTALL	ED N	
Description of Work INSTALL CLASS 2	2 SAFETY INJECTION	SYSTEM 6" DIAN	IETER GAS C	OLLECTION CHAMBER	R AND 3/4" AND 1/:	
PIPING, SUPPOR	TS AND VALVES SI-3	<u>9A-1, SI-39A-2 AN</u>	<u>D SI-39A-3</u>	·		
Tests conducted Hydrostatic	Pneumat	ic Norr	ninal Operating	g Pressure X	Exempt	
Other	Pressure	<u>2200</u> psi	Test T	emp. <u>56</u> deg. F ົ	۰.	
· · · · ·				· ·		
Remarks <u>NOT APPLICABLE.</u>	· · · ·	· .				
Centaina MOTAPILICADEL.						

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 10/30/2009

Name of Component: GCC

Work Order Number: KW100494435

9 NOVEMBER

Date

CERTIFICATE OF COMPLIANCE	
I certify that the statements made in the report are correct and that this INSTALLED ASME Code, Section XI.	conforms to the requirements of the
Type Code Symbol Stamp <u>NA</u>	
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>	
Signed Phillys C Bukes Instruce Inspection Program Owner Date No Owner or Owner's Designee, Title	womber 9 ,20 09

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Wisconsin and employed by Hartford Steam Boiler Inspection and Insurance Company of CT have inspected the components described in this Owner's Report during the period $\underline{6MA'OB}_{to}$ to $\underline{2200709}_{to}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements Inspector's Signature

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FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

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As Required by the Provisions of the ASME Code Section XI

 Owner <u>Dominion Energy Kewaunee, Inc.</u> <u>N490 Highway 42, Kewaunee, Wisconsin 5421</u> Plant <u>Kewaunee Power Station</u> 	6-9511				
2. Plant Kewaunee Power Station		Sr	neet <u>1</u> of	2	
Z. Flant Kewaunee Fower Station		Ur	nit <u>No. 1</u>	X	
N490 Highway 42, Kewaunee, Wisconsin 5421	6-9511	W	ork Order <u>K</u>	W100494435	
3. Work Performed By <u>Dominion Energy-Kewaune</u>		Ту	pe Code Syr	n. Stamp <u>NA</u>	
N490 Highway 42, Kewaunee, W	<u> Visconsin 54216-9511</u>	Αι	thorization N	o. Not Applical	ble
4. Identification of System <u>33</u> Class <u>2</u> <u>SAFETY I</u>	INJECTION	Ex	piration Date	Not Applicable	2 ,
5. (a) Applicable Construction Code <u>B31.1-1967</u>	1	(c) Applicable Section	on XI Code C	ase NA	·
(b) Applicable Edition of Section XI Used for Repair/Rep					
	······				
6. Identification of Components	• • •		,		х. Х
Name of Name of Manufactu Component Manufacturer Serial N	1			Corrected, Removed, or Installed	ASME Code Stamped
SI-H109 DOMINION ENERGY NA	• NA	NA 2	.009 IN	ISTALLED	N
7. Description of Work <u>INSTALL CLASS 2 SAFETY INJ</u> <u>CHAMBER.</u>	ECTION SYSTEM RIGIE) SUPPORT SI-H10	9 FOR 6" DIA	METER GAS C	OLLECTION
8. Tests conducted Hydrostatic F	Pneumatic N	ominal Operating Pro	essure	Exem	pt X
Other F	Pressure psi	Test Temp). de	g. F	
9. Remarks <u>NOT APPLICABLE</u>	58 1				1
	• .				
·			· · · ·		
		~ ~	1		
Applicable Manuf	facturer's Data Reports to	be Attached			•

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NIS-2 (Back)

Sheet 2 of 2

Date: 10/14/2009

Name of Component: SI-H109

Work Order Number: KW100494435

CERTIFICATE OF COMPLIANCE I certify that the statements made in the report are correct and that this INSTALLED conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. Not Applicable **Expiration Date** Not Applicable Insume Inspection Program Owner Date November 9_ Signed Thillip C. Bukes ,20 **09** 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 Insurance Company of CT have inspected the components described in this Owner's Report during the period _6ma;roB_ to ZOCTO9, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described

in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions NB 11622, I, N, B, A WIS 100131 National Board, State, Province, and Endorsements Inspector's Signature

9 NOVEMBER 09 Date 20

FORM NIS-2 OWNE	ER'S REPORT FOR	REPAIR/REPL	ACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner Dominion Energy	Kewaunee, Inc.				Date <u>11/0</u>	2/2009	
N490 Highway 42	2, Kewaunee, Wiscon	<u>sin 54216-9511</u>			Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Kewaunee Powe</u>					Unit <u>No.</u>		
N490 Highway 42	2, Kewaunee, Wiscon	<u>sin 54216-9511</u>			Work Orde	r <u>KW100528252</u>	
3. Work Performed By Do	minion Energy-Kewa	une			Type Code	Sym. Stamp <u>NA</u>	
<u>N4</u>	90 Highway 42, Kewa	iunee, Wisconsin 5	4216-9511		Authorizatio	on No. <u>Not Applica</u>	ible
4. Identification of System	<u>33</u> Class <u>2</u> <u>S</u>	AFETY INJECTION	N		Expiration I	Date <u>Not Applicab</u>	le
5. (a) Applicable Construction	on Code <u>B31,1-1967</u>		(c) Applicable Se	ection XI Cod	le Case <u>NA</u>	
(b) Applicable Edition of S	Section XI Used for Re	epair/Replacement	Activity <u>1998 E</u>	dition 2000 Ad	<u>denda</u>		
6. Identification of Compone	nts						
	<u>.</u>	`					
Name of Name of Component Manufactu		anufacturer Serial No.	National Board No.	Other ID	Year Built	Corrected, Removed, or Installed	ASME Code Stamped
SI-W603 DOMINION		NA	NA	NA	2009	REPAIRED	N
SI-W603 DOMINION		NA	NA 	NA	2009		N
	N ENERGY					,	N
	·					,	N
	·				RENTIAL W	,	· · · · · · · · · · · · · · · · · · ·
7. Description of Work CC	PRRECT BY REMOVI	NG 2.5" LINEAR IN		6" CIRCUMFE	RENTIAL W	ELD SI-W603.	· · · · · · · · · · · · · · · · · · ·
7. Description of Work CC	RRECT BY REMOVI	NG 2.5" LINEAR IN		6" CIRCUMFE	RENTIAL W	ELD SI-W603.	· · · · · · · · · · · · · · · · · · ·
7. Description of Work CC	ORRECT BY REMOVI	NG 2.5" LINEAR IN		6" CIRCUMFE	RENTIAL W	ELD SI-W603.	· · · · · · · · · · · · · · · · · · ·
7. Description of Work <u>CC</u> 8. Tests conducted	ORRECT BY REMOVI	NG 2.5" LINEAR IN		6" CIRCUMFE	RENTIAL W	ELD SI-W603.	· · · · · · · · · · · · · · · · · · ·
7. Description of Work <u>CC</u> 8. Tests conducted	ORRECT BY REMOVI	NG 2.5" LINEAR IN		6" CIRCUMFE	RENTIAL W	ELD SI-W603.	· · · · · · · · · · · · · · · · · · ·
7. Description of Work <u>CC</u> 8. Tests conducted	ORRECT BY REMOVI	NG 2.5" LINEAR IN	Non	6" CIRCUMFE	RENTIAL W	ELD SI-W603.	· · · · · · · · · · · · · · · · · · ·

Applicable Manufacturer's Data Reports to be Attached

NIS-2 (Back)

Sheet 2 of 2

Date: 11/02/2009

Name of Component: SI-W603

Work Order Number: KW100528252

CERTIFICATE OF COMPLIANCE
I certify that the statements made in the report are correct and that this REPAIRED conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>
Signed Phillips C. Bukes INservice Inspection Program Owner Date November 9, 20 09 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 Insurance Company of CT
have inspected the components described in this Owner's Report during the period <u>6m4Y08</u> to <u>\$20009</u> , and state that
/ to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described
in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning
the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor
his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising
from or connected with this inspection.
Commissions NB 11622, I, N, B, A WIS 100131
Inspector's Signature National Board, State, Province, and Endorsements
Date 9 NOVEMBER 20 09

FOR		WNER'S REF equired by the					ITY
2. Plant :	y 42, Kewau Addr Kewau	nee Power Stati _{Name} nee Wisconsin 5	4216-9511 on	Date Sheet Unit : Work	:: <u>1</u> of _		550233
3. Work performed N490 Highwa		minion Energy-k Name nee Wisconsin 5 ess	,	Autho	Code Symbol S prization No. ation Date	Not	Not Applicable Applicable pplicable
 Identification of (a) Applicable Co (b) Applicable Eo (c) Applicable Se Identification of 	onstruction Co dition of Sectio ection XI Code	n XI used for Rep	ME B31.1 air/Replacement		98 Edition 200	00 Addenda	,
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	d Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
SI Train A Vent System	Dominion Energy	NA	NA	NA ,	2009 .	Installed	No
7. Description of W from connection		l Class 2 Safety downstream of				ing, Flanges a	and Fittings
8. Tests Conducted	Hydi Other	rostatic	Pneumatic [e <u>32</u> p		erating Pressure	e ⊠ 5_ °F	Exempt
9. Remarks: <u>No</u>	t Applicable	Applicable	Manufacturer's Dat	a Reports to be atta	ached		\
			· · · · · · · · · · · · · · · · · · ·		, ,		

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FORM NIS-2 (Back) Sheet 2 of 2

Name of Component :	SI Train A Vent System
Work Order Number :	KW100550233
ć	· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·
· · ·	
	CERTIFICATE OF COMPLIANCE
I certify that the the ASME Code	e statements made in this report are correct and that this conforms to the requirements of , Section XI
Type Code Sym	bol Stamp Not Applicable
Certificate of Au	uthorization No. Not Applicable Expiration Date Not Applicable
Signed 7 Aude	<u>DC. Bukes Inserveur Enspection Program Owner</u> Date <u>November 9, 2009</u> Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
and the State or F of <u>+H</u> A in this Owner's Re to the best of my described in this O By signing implied, concernir Furthermore, neit	d, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors Province of $w_1 \le cons_1 N$ and employed by $HARTFORD \ STEMM BOILER CT$ have inspected the components described eport during the period $6MAFOB$ to $220cioBERO9$, and state that knowledge and belief, the Owner has performed examinations and taken corrective measures Owner's Report in accordance with the requirements of the ASME Code, Section XI. this certificate neither the Inspector nor his employer makes any warranty, expressed or ng the examinations, tests, and corrective measures described in this Owner's Report. her the Inspector nor his employer shall be liable in any manner for any personal injury or or a loss of any kind arising from or connected with this inspection
) cumer	W Commissions NB 11622 ABIN WI 100131
(Insi	pector's Signature) National Board, State, Province, and Endorsements

Date

9 NOVEMBER 09

November 2, 2009

Date :

FORM NIS-2 OWNER'S REPORT FOR REPAIR As Required by the Provisions of the AS	
1. Owner : Dominion Energy-Kewaunee Name N490 Highway 42, Kewaunee Wisconsin 54216-9511 Address 2. Plant : Kewaunee Power Station Name N490 Highway 42, Kewaunee Wisconsin 54216-9511 Address	Date : November 2, 2009 Sheet : 1 of 2 Unit : No. 1 Work Order Number : KW100550234
3. Work performed by : Dominion Energy-Kewaunee Name N490 Highway 42, Kewaunee Wisconsin 54216-9511 Address	Type Code Symbol StampNot ApplicableAuthorization No.Not ApplicableExpiration DateNot Applicable
 4. Identification of System : 33 Class 2 Safety Injection System 5. (a) Applicable Construction Code : 1967 ASME B31.1 (b) Applicable Edition of Section XI used for Repair/Replacement Activity : (c) Applicable Section XI Code Case : NA 6. Identification of Components 	1998 Edition 2000 Addenda
	ASME Corrected, Code ther Year Removed, or Stamped ification Built Installed (Yes or No)
SI Train B Dominion NA	NA 2009 Installed No
7. Description of Work <u>Install Class 2 Safety Injection System 2" and</u> from connection to 12" Piping downstream of 12" Valve SI-351B to 1"	
	inal Operating Pressure Exempt Exempt est Temp 89 °F
9. Remarks: Not Applicable Applicable Manufacturer's Data Reports to	o be attached

FORM NIS-2 (Back) Sheet 2 of 2

Date : November 2, 2009

Name of Component : SI Train B Vent System

Work Order Number : KW100550234

I cortifi	y that the statements made in this report are correct and that this conforms to the requirements of
	ME Code, Section XI
Туре С	ode Symbol Stamp Not Applicable
Certific	ate of Authorization No. Not Applicable Expiration Date Not Applicable
Sianed	Phillip C. Buker Inservice Inservice Ingention Program Owner Date November 9,200 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

	CSIGTISTAT)	CONNECTIC	UT	have inspected	the componer	nts described
in this Ow	ner's Report during t	the period	6MAY08		90709	, and state that
the bes	st of my knowledge a	and belief, the	Owner has performe	ed examinations a	nd taken corre	ctive measures
	in this Owner's Repo					
	signing this certificat					
	oncerning the exami					
	ore, neither the Inspe					nal injury or
property o	damage or a loss of a	any kind arising	g from or connected	with this inspection	on	
					-r	
\sim						
\frown	une 11 A ceme	ril	Commissions	A. A. 11/22 - 41		
\bigcirc	ames le Mieme		Commissions	NB 11622 AI	·	
\square	(Inspector's Signat		Commissions		·	and Endorsements

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

1. Owner : N490 Highway 4 2. Plant : N490 Highway 4	2, Kewaunee Address Kewaune	e Power Station Name	216-9511 n	Date : Sheet : Unit : Work Oi	October <u>1</u> of <u>No. 1</u> rder Number		- 89894
3. Work performed by :	Domi	nion Energy-Ke	waunee	Type Co	de Symbol S	Stamp No	ot Applicable
	N	lame		Authoriz	atiòn No.	Not A	pplicable
N490 Highway 4	2, Kewaunee	e Wisconsin 542	216-9511	Expiratio	on Date	Not Ap	plicable
	Address		······				·
• 4: Identification of Systematics	em : 36 C	lace 1 Reactor	Coolant System	•			
1. Identification of Syste	JUL 10 C		coolant System				
5. (a) Applicable Constr	uction Code :	ASME Sec	tion III Class A.				
(b) Applicable Edition(c) Applicable Section6. Identification of Com	n XI Code Cas		/Replacement Acti	vity : 1998	Edition 200	00 Addenda	
	ame of ufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Pressurizer West	inghouse	1151	68-23	PS&E 0041	1968	Installed	Yes
7. Description of Work Manway. Additional M Metal for Helicoil Inse	anway Repair	/Replacements:		Ielicoil, 16 Repla	cement Mai	way Bolts and I	Removed Base
8. Tests Conducted :	Hydro	static	Pneumatic	Nominal Opera	ting Pressur	e 🖂	Exempt
	Other] Pressure	e <u>2240</u> psi	Test Temp	546.	5_ °F	
9. Remarks: Referen	nce Westing		port LTR-SGDA-			inee Power Sta	tion-
Evaluation for Continu	ued Lice of D		anufacturer's Data Re elical-Coils on th			Holes"	
					anway DOIL		<u> </u>
			····				

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FORM NIS-2 (Back) Sheet 2 of 2

Date : October 30, 2009

Name of Component : Pressurizer Manway

Work Order Number : KW100589894

	ade in this report lot Applicable	are correct and	that this con	iforms to th	ne requirement	s of
	ot Applicable					
<i></i>						
e of Authorization No.	Not Applic	cable Expira	tion Date	Not Ap	plicable	
<u>hillip C. Butes</u> Owner or Owner	Enanne In er's Designee, Title	opection Progr	anowner	Date	November	9,2009
ł	Phillip C. Bukes Owner or Own					

CERTIFICATE OF INSERVICE INSPECTION

of	HARTFORD C	ONNECTICUT		have in	spected the cor	nponents d	escribed
in this	Owner's Report during	the period	G MAY 08	to	ZZ 00709		, and state that
to the	best of my knowledge a	and belief, the	Owner has perfor	med examina	ations and take	n corrective	measures
	ed in this Owner's Repo						
	By signing this certifical	· · · ·	•		•		ed or
implied	concerning the exam	ninations tests	and corrective m	easures desc	ribed in this Ou	wner's Renc	nrt
	, concerning the exam						
Furthe	more, neither the Insp	pector nor his e	employer shall be	iable in any i	nanner for any		
Furthe		pector nor his e	employer shall be	iable in any i	nanner for any		
Furthe	more, neither the Insp y damage or a loss of a	ector nor his e any kind arisir	employer shall be	iable in any i ed with this i	manner for any Inspection		
Furthe	more, neither the Insp y damage or a loss of a	ector nor his e any kind arisir	employer shall be	iable in any i ed with this i	nanner for any		ijury or
Furthe	more, neither the Insp	bector nor his e any kind arisin Meny	employer shall be ig from or connect	iable in any r ed with this s	manner for any Inspection	personal in <i>wı coo</i> ,	njury or /3 (

ATTACHMENT 6

2009 INSERVICE INSPECTION SUMMARY REPORT

EXAMINATION SUMMARY CLASS 1, CLASS 2, AND CLASS 3 INSERVICE INSPECTION PROGRAM FOURTH TEN-YEAR INTERVAL

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

KEWAUNEE POWER STATION 4TH INTERVAL: 2ND PERIOD: 2ND OUTAGE 2009 EXAMINATION SUMMARY

INTRODUCTION

An Inservice Inspection (ISI) Program (Scheduled and Augmented) was performed at the Kewaunee Power Station from September 25, 2008 through September 22, 2009 (Non Refueling Outage) and September 26, 2009 through October 22, 2009 (Closing of G1 following Refueling Outage) by Kewaunee Power Station, Lambert, MacGill, and Thomas, Inc.(LMT Inc.) and ITLS examination personnel.

Examinations were performed to satisfy the requirements of:

- ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda
- Westinghouse NASL-06-8: Pressurizer Heater Sleeve Cracking

The Inservice Inspection Program Plan and Augmented Inspection Program Plan located under Tab C was prepared by Kewaunee Power Station for the 4th Interval: 2nd Period: 2nd Outage as identified in the Kewaunee Power Station Fourth 10-Year Inservice Inspection (ISI) Program 2004 – 2014. Examinations during this Refueling Outage were performed to complete 4th Interval; 2nd Period Examination Requirements of ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda and Kewaunee Power Station Fourth 10-Year Inservice Inspection (ISI) Program 2004-2014.

The following items were examined:

- Reactor Vessel Upper and Lower Internals
- Pressurizer Circumferential and Longitudinal Welds
- Pressurizer Surge Nozzle to Safe End Weld
- Pressurizer Integrally Welded Attachment
- Steam Generator Primary Nozzle to Safe End Welds
- Class 1, Class 2 and Class 3 Piping and Component Supports and Hangers
- Class 1 and Class 2 Steam Generator Primary Manway Bolting, Pressurizer Manway Bolting, Flange Bolting and Valve Bonnet Bolting
- Class 1 and Class 2 Preservice of Safety Injection and Residual Heat Removal Piping, Supports and Gas Collection Chamber

Page 1 of 4

- Letdown Heat Exchanger Circumferential Weld and Integrally Welded Attachments
- Residual Heat Exchanger Circumferential Weld
- Seal Water Injection Filter Circumferential Weld
- Class 1 System Leakage Test
- Class 2 and Class 3 System Leakage Tests

EXAMINATIONS

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

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

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

RESULTS

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

Recordable Indications detected during the 2009 Refueling Outage are listed in Table 1 with a brief summary following. Specific data relative to all Recordable Indications and their dispositions by either corrective measures, acceptance by ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Acceptance Criteria, Repair or Replacement or Evaluation are located in Tab F of the Final Report

TABLE 1

TYPE OR LOCATION OF <u>RECORDABLE INDICATION (RI)</u>	METHOD	<u>NO. OF RI'S</u>
• Reactor Vessel Upper Internals	Visual (VT-3)	1 Conduit
 Seal Water Injection Filter 	Volumetric (UT)	1 Weld
Gas Collection Chamber	Surface (PT)	1 Weld
 Piping Supports and Hangers 	Visual (VT-3)	1 Support
 Valve Bonnet Bolting, Reactor Coolant Pump Bolting, Flange Bolting and Pressurizer Manway Bolting 	Visual (VT-3)	10 Items
• System Leakage Pressure Tests	Visual (VT-2)	41 Items

- 1. Recordable Indication was recorded on the Reactor Vessel Upper Internals Upper Support Plate Thermocouple Conduit at Location C-3. The separated conduit cable was previously recorded in 1995, 2004 and 2006. The separated conduit at location C-3 showed no noticeable change in separation and was previously acceptable under the Kewaunee Power Station Corrective Action Program.
- 2. Ultrasonic 0° and 60° Indications were recorded on the Seal Water Injection Filter 1A Head Circumferential Weld AFSI-W2. These indications were Acceptable per ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Table IWB-3514-2 and IWC-3510-2. The 0° Indications were typical of the flaws recorded on Seal Water Injection Filters 1A and 1B during Refueling Outages 1982, 1986, 1988, 1992, 1998 and 2001.
- 3. 1 Linear Indication (2.5" in length) was recorded on the Gas Collection Chamber 6" Circumferential Weld SI-W603. The Linear Indication was Unacceptable per ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Table IWB-3514-2. The Linear Indication was removed by buffing, reexamined and acceptable to ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Standards.
- 4. Visual (VT-3) Indication recorded on 16" Feedwater Piping Support FDW-H116 was Evaluated and Accepted by: Kewaunee Power Station Engineering and Inservice Inspection Personnel and reviewed by the Authorized Nuclear Inservice Inspector.

Page 3 of 4

- 5. Visual (VT-3) Indications recorded on Valve Bonnet Bolting (5 Valves), Reactor Coolant Pump Bolting (Main Flange and No. 1 Seal Housing Bolting), Flange Bolting (2 Flanges) and Pressurizer Manway Bolting (1Manway) were: (1) Evaluated and Accepted or (2) Repaired, Reexamined and Accepted by: Kewaunee Power Station Engineering or Inservice Inspection Personnel and reviewed by the Authorized Nuclear Inservice Inspector.
- 6. Visual (VT-2) Indications recorded during System Leakage Pressure Tests (41 Items) were:
 (1) Evaluated and Accepted or (2) Repaired, Reexamined and Accepted by: Kewaunee Power Station Engineering or Inservice Inspection Personnel and reviewed by the Authorized Nuclear Inservice Inspector.

SUMMARY

An Inservice Inspection Program was performed at the Kewaunee Power Station from September 25, 2008 through September 22, 2009 (Non Refueling Outage) and September 26, 2009 through October 22, 2009 (Closing of G1 following Refueling Outage). Examinations were performed as scheduled in the Kewaunee Power Station Fourth 10-Year Inservice Inspection (ISI) Program 2004 -2014 to complete examinations for the 4th Interval; 2nd Period. A total of 55 Recordable Indications were detected. All Recordable Indications were corrected or accepted by ASME Boiler and Pressure Vessel Code Section XI 1998 Edition 2000 Addenda Acceptance Criteria, Repair/Replacement or Evaluation requirements

Phillip C. Bukes Other 28,2009

Phillip É. Bukes Date Engineering Programs Inservice Inspection Program Owner

ATTACHMENT 7

2009 INSERVICE INSPECTION SUMMARY REPORT

EXAMINATION SUMMARY CLASS MC INSERVICE INSPECTION PROGRAM SECOND TEN-YEAR INTERVAL

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

KEWAUNEE POWER STATION 2ND INTERVAL: 1ST PERIOD: 2ND OUTAGE 2009 EXAMINATION SUMMARY

INTRODUCTION

An Inservice Inspection (ISI) Program for the Class MC Reactor Building Containment Vessel was performed at the Kewaunee Power Station from September 26, 2009 through October 22, 2009 (Closing of G1 following Refueling Outage) by Kewaunee Power Station and Lambert, MacGill and Thomas Inc. examination personnel.

Examinations were performed to satisfy the requirements of:

• ASME Boiler and Pressure Vessel Code Section XI 2001 Edition 2003 Addenda

The Inservice Inspection Program Plan located under Tab C was prepared by Kewaunee Power Station for the 2nd Interval; 1st Period; 2nd Outage as identified in the Kewaunee Power Station Second 10-Year Inservice Inspection (ISI) Program 2006-2016. Examinations during this Refueling Outage were performed to complete the 2nd Interval, 1st Period examination requirements of ASME Boiler and Pressure Vessel Code Section XI 2001 Edition 2003 Addenda and Kewaunee Power Station Second 10-Year Inservice Inspection (ISI) Program 2006-2016.

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

• Accessible Surface Areas

• Moisture Barriers

Bolted Connections

EXAMINATIONS

The examinations performed were in accordance with an approved Inservice Inspection Program Plan located under Tab C of the final report. Examination Procedures were approved prior to the start of examinations and certification documents relative to personnel, equipment and materials were reviewed and determined to be satisfactory. Some of the arrangements and details of the Kewaunee Power Station Components and Piping Systems were designed and fabricated before ASME Boiler and Pressure Vessel Code Section XI Code requirements were established. Examinations performed were intended to examine 100% of the required surface or volume. In some cases, examinations were limited by geometric, metallurgical or design/access restrictions. In all cases the maximum amount achievable was examined.

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

RESULTS

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

The Recordable Indications detected during the 2009 Refueling Outage are listed in Table 1 with a brief summary following. Specific data relative to the Recordable Indications disposition by acceptance per ASME Boiler and Pressure Vessel Code Section XI 2001 Edition 2003 Addenda Acceptance Criteria, Repair/Replacement or Evaluation is located in Tab F of the Final Report.

TABLE 1

TYPE OR LOCATION OF RECORDABLE INDICATION (RI)

METHOD

NO. OF RI'S

Reactor Building Containment Vessel Moisture Barrier General Visual

1 Plate

- 1. General Visual Indications consisting of 2 separations in the moisture barrier of Plate 67. The moisture barrier was repaired under Work Order KW100588970, reexamined and accepted. The following is provided as required by 10CFR50.55a(b)(2)(ix)(A) for the moisture barrier indications:
 - (A) Description of the type and estimated extent of degradation, and the conditions that led to the degradation: 2 Separations in the moisture barrier caulking one 2" in length and one 3" in length. Potential causes include age related distress and improper application of the moisture barrier sealant.

- (B) An evaluation of each area, and the result of the evaluation: Evaluation of the metal containment plate indicated no carbon steel plate degradation and no wetness in the area of moisture barrier separation.
- (C) A description of the necessary corrective action: Work Order was generated to repair the separations in the moisture barrier. Repairs were performed and reexamined with acceptable results.

SUMMARY

An Inservice Inspection Program for the Class MC Reactor Building Containment Vessel was performed at the Kewaunee Power Station from September 26, 2009 through October 22, 2009 (Closing of G1 following Refueling Outage). Examinations were performed as scheduled in the Kewaunee Power Station Second 10-Year Inservice Inspection (ISI) Program 2006-2016. One Recordable Indication (2 separations in Plate 67 moisture barrier) area was detected. The Recordable Indication was repaired, reexamined and accepted by Kewaunee Power Station Engineering Personnel.

Phillip C. Bukes October 23, 2009 Date

Phillip É. Bukes Engineering Programs Inservice Inspection Program Owner

Page 3 of 3

ATTACHMENT 8

2009 INSERVICE INSPECTION SUMMARY REPORT

SUMMARY OF EXAMINATIONS THAT WERE LIMITED BY GEOMETRIC, METALLURGICAL, OR DESIGN/ACCESS RESTRICTIONS AND ASSOCIATED DATA SHEETS (10 TOTAL)

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

Serial No. 09-723 Docket No. 50-305 Attachment 8 Page 1 of 1

SUMMARY OF EXAMINATIONS THAT WERE LIMITED BY GEOMETRIC, METALLURGICAL, OR DESIGN/ACCESS RESTRICTIONS

Year	Component Identification	Method of Examination	% Recorded as Not Examined and Limitation
2009	Pressurizer Circumferential Shell To Head Weld P-W3	UT	2.6% 2 – 2.5" x 2.5" Integrally Welded Pads
2009	Pressurizer Circumferential Shell To Head Weld P-W5	UT	2.6% 2 – 2.5" x 2.5" Integrally Welded Pads
2009	Residual Heat Exchanger 1A Head Circumferential Weld AHRS1-W2	UT	75.0% Integrally Welded Attachments 8" Inlet and Outlet Nozzles
2009	Regenerative Heat Exchanger Head Circumferential Weld ARG-W9	UT	0.4% 2 - 2" Nozzles
2009	Letdown Heat Exchanger Shell Circumferential Weld AHNR-W1	UT	77.5% Shell to Flange Configuration
2009	Seal Water Injection Filter 1A Head Circumferential weld AFSI-W2	UT	43% 2" Inlet Nozzle 3 Integrally Welded Attachments
2009	Nozzle To Safe End Weld RC- W67DM on 14" Pressurizer Surge	UT	74% Nozzle To Safe End Weld Configuration
2009	Circumferential Pipe Weld SI-W74 on 12" Safety Injection	UT	50% Valve To Pipe Weld Configuration
2009	Nozzle To Safe End Weld RC- W76DM on Steam Generator 1A Hotleg	UT	4.5% 4- 3.5" x4.5" Integrally Welded Attachments
2009	Nozzle To Safe End Weld RC- W77DM on Steam Generator 1A Crossover Leg	UT	4.2% 4- 3.5" x4.5" Integrally Welded Attachments

ATTACHMENT 9

2009 INSERVICE INSPECTION SUMMARY REPORT

"OAR OWNER'S ACTIVITY REPORT" TABLE 1

AND

"FORM NIS-2A REPAIR/REPLACEMENT CERTIFICATION RECORD" TABLE 2

KEWAUNEE POWER STATION DOMINION ENERGY KEWAUNEE, INC.

Dominion

Form OAR-1 Owner's Activity Report

Attachment 1, ER-AA-ISI-100

Page 1 of 3

Report Number: 2009 Refueling Outage
Plant Kewaunee Power Station, N490 Highway 42, Kewaunee, Wisconsin 54216-9511
Unit No. <u>No.1</u> Commercial service date <u>June 16, 1974</u> Refueling outage no. <u>K1R30</u> (if applicable)
Current inspection interval
Current inspection period 2nd (1 st , 2 nd , 3 rd)
Edition and Addenda of Section XI applicable to the inspection plans <u>1998 Edition 2000 Addenda</u>
Date and revision of inspection plans February 6, 2009 Revision 3
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans
Not Applicable
Code Cases used: <u>N-460, N-532-4 and N-566-2</u> (if applicable)
CERTIFICATE OF CONFORMANCE I 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) the repair/replacement activities and evaluations supporting the completion of <u>K1R30</u> conform to the requirements of Section XI. (refueling outage number) Signed <u>Phillip E. Bukes Phillip C. Bukes Intervice</u> , <u>Enspection InspramOurner</u> Date <u>Northelise 10,2009</u> 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 <u>WISCONSIN</u> and employed by <u>HSB cT</u> of <u>connecticeT</u> have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this 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. <u>ansient termery</u> Commissions <u>NB 11622 ABIN</u> <u>WI 100131</u> Inspector's Signature Date <u>10 NOVEMBER 09</u>
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Kewaunee Power Station Table 1 Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service

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Examination Category	Item Number	Item Description	. Evaluation Description .	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
B-G-2	B7.20	1 K1.B7.20.001 - PRESSURIZER MANWAY BOLTING	THREAD DAMAGE MANWAY BOLTS: F106	Yes
B-N-1	B13.10	K1.B13.10.001 - REACTOR VESSEL INTERNALS	SEPARATED CONDUIT AT LOCATION C-3: F105	Yes
B-P	B15.10	K1.B15.10.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SEAL TABLE: CR353880	Yes
B-P	B15.40	K1.B15.40.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON EX. LET. HX.: KW100385374	Yes
B-P	B15.60	K1.B15.60.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON R.C. PUMP 1A SEAL CR353866	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RC-300A: CR353829	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RC-100A: CR353832	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RC-100B: CR353877	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RC-301A: CR353864	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RC-23028: CR353868	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RHR-1A: CR353850	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SI-44A: CR353849	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON LD-332: CR353840	Yes
B-P	B15.70	K1.B15.70.001 - ASME CODE CLASS 1 SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON RC-403: CR353863	Yes
C-A	C1.20	K1.C1.20.017 - SEAL WATER INJECTION FILTER 1A HEAD CIRCUMFERENTIAL WELD	ULTRASONIC INDICATIONS WELD AFSI-W2: F100	Yes
C-F-1	C5.21	K1.C5.21.118 - 6" CIRCUMFERENTIAL WELD	LINEAR INDICATION WELD SI-W603: F104	Yes
C-H	C7.10	K1.C7.10.006 - CHEMICAL AND VOLUME CONTROL	EVIDENCE OF LEAKAGE ON LET.HX. STUD: CR116439	Yes
C-H	C7.10	K1.C7.10.006 - CHEMICAL AND VOLUME CONTROL	EVIDENCE OF LEAKAGE ON CVC-23111-1: CR116354	Yes
C-H	C7.10	K1.C7.10.006 - CHEMICAL AND VOLUME CONTROL	EVIDENCE OF LEAKAGE ON CVC-101C: CR090284	Yes
C-H	C7.10	K1.C7.10.006 - CHEMICAL AND VOLUME CONTROL	EVIDENCE OF LEAKAGE ON SW INJ. FILTER 1A: CR331022	Yes
С-Н	C7.10	K1.C7.10.005 - SI INSIDE CONTAINMENT SYSTEM PRESSURE	EVIDENCE OF LEAKAGE ON SI-303B: CR353804	Yes
C-H	C7.10	K1.C7.10.006 - CHEMICAL AND VOLUME CONTROL	EVIDENCE OF LEAKAGE ON PIA-183A ROOT VALVE: CR116406	Yes
C-H	C7.10	K1.C7.10.005 - SI INSIDE CONTAINMENT SYSTEM PRESSURE	EVIDENCE OF LEAKAGE ON SI-46: CR353786	Yes
С-Н	C7.10	K1.C7.10.005 - SI INSIDE CONTAINMENT SYSTEM PRESSURE	EVIDENCE OF LEAKAGE ON SI-210B; CR 353818	Yes
C-H	C7.10	K1.C7.10.005 - SI INSIDE CONTAINMENT SYSTEM PRESSURE	EVIDENCE OF LEAKAGE ON SI-121: CR353784	Yes
C-H	C7.10	K1.C7.10.005 - SI INSIDE CONTAINMENT SYSTEM PRESSURE	EVIDENCE OF LEAKAGE ON SI-11B: CR353785	Yes
С-Н	C7.10	K1.C7.10.006 - CHEMICAL AND VOLUME CONTROL	EVIDENCE OF LEAKAGE ON LET HX FLANGE: CR116438	Yes
D-B	D2.10	K1.D2.10.004 - COMPONENT COOLING WATER SYSTEM	EVIDENCE OF LEAKAGE ON CC-609A: CR349958	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW-43B2 UNION FITTING: CR334793	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW-500B: CR334785	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW(R16)-3: CR334780	Yes

Kewaunee Power Station Table 1 Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service

Examination Category	Item Number	Item Description	Evaluation Description	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW-1299B: CR334778	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON CONT. FAN COIL 1D. CR349565	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON FS-16809 FITTING: CR28221	Yes [·]
. D-B .	D2.10	K1 D2 10 002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON HS-2203A: CR333879	Yes
. D-В	D2.10	K1.D2.10.004 - COMPONENT COOLING WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON CC-18228-2: CR349965	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON FS-16810 FITTING: CR28221	Yes
D-B	D2.10	K1.D2.10.004 - COMPONENT COOLING WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON CCW PUMP 1B: CR350129	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW-901B-1: CR340570	Yes
Ď-В	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW-914C: CR349618	Yes
D-B	D2.10	K1.D2.10.002 - SERVICE WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON SW-910C: CR349617	Yes
D-B	D2.10	K1.D2.10.004 - COMPONENT COOLING WATER SYSTEM PRESSURE TEST	EVIDENCE OF LEAKAGE ON FLANGE BY CC-605A: CR349973	Yes
NA	NA	K1.NA.909 - BORIC ACID INJECTION AND RECIRULATION	EVIDENCE OF LEAKAGE ON BA TRANS. PUMP 1B: CR111149	No
NA	NA	K1.NA.909 - BORIC ACID INJECTION AND RECIRULATION	EVIDENCE OF LEAKAGE ON BA TRANS. PUMP 1A: CR100394	No
ÌŇΑ	NA	K1.NA.783 - ELELMENT-RC LOOP B RTD LOOP FLANGE ORIFICE	EVIDENCE OF LEAKAGE ON FLANGE FE-459: F108	No
NA	NA	K1.NA.905 - REACTOR COOLANT PUMP 1A	EVIDENCE OF LEAKAGE ON MAIN FLANGE BOLTING: F110	Nổ
NA	NA	K1.NA.813 - REACTOR COOLANT PUMP 1A NO.1 SEAL HOUSING BOLTS	EVIDENCE OF LEAKAGE ON NO. 1 SEAL BOLTS: F109	No
NA	• NA •	K1.NA.106 - VALVE-CONTROL-COLDLEG LOOP B TO	EVIDENCE OF LEAKAGE ON VALVE PS-1B BOLTING: F112	No
NA	NA	K1.NA.090 - VALVE-CHECK-LOOP B HOT LEG INJECTION LINE	EVIDENCE OF LEAKAGE ON VALVE SI-303B: F111	No
NA	NA	K1.NA.088 - VALVE-MOTOR-RCS LOOP A SUPPLY TO RHR PUMPS	EVIDENCE OF LEAKAGE ON VALVE RHR-1A: F101	No
NA	NA	K1.NA.088 - VALVE-MOTOR-RCS LOOP A SUPPLY TO RHR PUMPS	THREAD DAMAGE ON VALVE RHR-1A: F103	[*] No
NA	NA	K1.NA.651 - VALVE-MOTOR-RCP LOOP B SUPPLY TO RHR PUMPS	EVIDENCE OF LEAKAGE ON VALVE RHR-1B: F102	No
· NA	NA	K1.NA.784 - ELEMENT-RC LOOP A RTD LOOP FLOW ORIFICE	EVIDENCE OF LEAKAGE ON FLANGE FE-458: F107	No
NA	NA ·	NA ·	EVIDENCE OF LEAKAGE ON LT-24013: CR353825	No
NA	NA	K1.NA.239 - HANGER-SPRING	OUT OF TOLERANCE SETTING ON FDW-H116: F113	No

FORM NIS-2A REPAIR/REPLACEMENT CERTIFICATION RECORD

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OWNER	S CERTIFICATE OF	COMPLIANC	E	
I certify that the <u>Repair/Replacement</u> conform to the requirements of Section XI	activities represented by I			K1R30
Edition and Addenda of Section XI used: 19	98 Edition 2000 Addenda	1		
Code Cases used:		N-532-4 Dicable)		
Signed <u>Phillip E. Bukes Phillip</u> Owner or Owner's Desi	gnee	Date	November 1	0,2009
			·	
I, the undersigned, holding a valid commission is	and employed	of Boiler and Pres		ER CT of
number $\underline{KIR30}$, and state that to the in the Repair/Replacement Plan in accordance with	ne best of my knowledge and	d belief, the Owne		
By signing this certificate neither the Inspector no described in the Repair/Replacement Plan. Furtherm sonal injury or property damage or a loss of any kind ames the Miemery Inspector's Signature	ore, neither the Inspector no d arising from or connected v Commissions	or his employer sh with this inspectio	all be liable in any mai	
Date 10 NOVEMBER 09				

Kewaunee Power Station

Table 2 K1R30 Repair/Replacement Plan

Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service

Code Class	Corrected, Removed or Installed	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair / Replacement Plan Number K1R30
1	Installed	1" Flange Upstream of LD-300	Install Replacement 4 Studs and 8 Nuts	No	10/21/2009	Work Order KW100385376
1	Corrected	PR-2A	Correct by Repairing Seat Leakage on 3" Valve PR-2A	No	10/22/2009	WorkOrder KW100315676
1	Installed	Pressurizer Manway	Install Replacement Gasket and 5 Replacement Manway Bolts	No	10/30/2009	Work Order KW100589894
1	Installed		Install 12 Studs and 24 Nuts on 6" Inlet Flange PR-F2 to PR-3B	No	10/22/2009	Work Order KW100278450
1	Installed		Install Replacement 1/2" Rupture Disc RHR-30B-3	No	< 10/18/2009	Work Order KW100395492
1	Installed	RSI-H63	Install Replacement Hydraulic Snubber RSI-H63	No	10/13/2009	Work Order KW100362587
2	Installed	APCH-1A-SC1	Install Class 2 Chemical and Volume Control System Charging Pump 1A Motor and Base Support Plates.	No	12/08/2008	Work Order KW100421013
2	Installed 、	APCH-1B-SC2	Install Class 2 Chemical and Volume Control System Charging Pump 1B Motor and Base Support Plates.	No	06/24/2008	Work Order KW04-006910
2	Corrected	APCH-1B-SC2	Correct by Modifying Class 2 Chemical and Volume Control System Charging Pump 1B Base Supports.	No	06/24/2008	Work Order KW100390285
2	• Corrected		Perform Metal Removal on Class 2 Chemical and Volume Control System Charging Pump 1B Motor and Base Spport Pads.	No	06/24/2008	Work Order KW100390344
2	Corrected		Correct Cracked I Beam Support on Class 2 Chemical and Volume Control System Charging Pump 1B Base Support.	No	06/24/2008	Work Order KW100393957
2	Installed		Install Class 2 Chemical and Volume Control System Charging Pump 1C Motor and Base Support Plates	- · No	02/26/2009	Work Order KW04-006939
2	Installed	APD-1B	Install Replacement Dampener Spring on Chagring Pump 1B	No	11/04/2008	Work Order KW100278054
2	Installed	CVC-4A	Install Replacement Valve Bonnet and Diaphragm	No	09/24/2008	Work Order KW100420045

Kewaunee Power Station

Table 2 K1R30 Repair/Replacement Plan

Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service

Code Class	Corrected, Removed or Installed	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair / Replacement Plan Number K1R30
2	Installed	Gas Collection Chamber	Install 6" Gas Collection Chamber and 3/4" Piping, Supports and Valves SI-39A-1, SI-39A-2 and SI-39-A3	No	10/20/2009	Work Order KW100494435
2	Installed	ICS-60A	Install 2" and 3/4" Piping and 3/4" Valve ICS-60A	No	08/17/2009	Work Order KW100453017
2	Installed	ICS-H7	Install Replacement Hydraulic Snubber ICS-H7	No	10/06/2009	Work Order KW100362674
2	Corrected	LD-4B	Correct by Repairing Seat Leakage on 2" Valve LD-4B	No	10/21/2009	Work Order KW100375362
2	Corrected	LD-5	Correct by Repairing 2" Valve LD-5	No	10/22/2009	Work Order KW100280694
2	Corrected	LD-60	Correct Valve Packing Leakage on 2" Valve LD-60	No	10/20/2009	Work Order KW100427863
2	Installed	RHR-220	Install 2" and 3/4" Piping and 3/4" Valve RHR-220	No	09/10/2009	Work Order KW100453019
2	Installed	RHR-31A-1	Install 2" and 3/4" Piping and 3/4" Valve RHR-31A-1	No	10/21/2009	Work Order KW100453024
2	Installed	RHR-40	Install 2" and 3/4" Piping and 3/4" Valve RHR-40	No	10/10/2009	Work Order KW100453022
2	Installed	RHR-501A	Install 2" and 3/4" Piping and 3/4" Valve RHR-501A	No	10/10/2009	Work Order KW100453023
2	Installed	RSI-H61	Install Replacement Hydraulic Snubber RSI-H61	No	10/13/2009	Wok Order KW100362588
2	Installed	SI Train A Vent System	Install 2" and 1" Vent System Piping, Flange and Fittings from 12" Piping to 1" Flange Downstream of 12" Valve SI- 351A	No	09/23/2009	Work Order KW100550233
2	Installed	SI Train B Vent Sytsem	Install 2" and 1" Vent System Piping, Flange and Fittings from 12" Piping to 1" Flange Downstream of 12" Valve SI- 351B	No	09/17/2009	Work Order KW100550234
2	Installed	SI-301A	Install Replacement Valve Bonnet on 10" Valve SI-301A and Install 1/2" Vent Valve SI-301A-1	No	09/23/2009	Work Order KW100453025

Kewaunee Power Station

Table 2 K1R30 Repair/Replacement Plan

Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service

Code Class	Corrected, Removed or Installed	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair / Replacement Plan Number K1R30
2	Installed	SI-301B	Install Replacement Bonnet on 10" Valve SI-301B and Install 3/4" Vent Valve SI-301B-1	No	10/19/2009	Work Order KW100453026
2	Installed	SI-309	Install 2" and 3/4" Piping and 3/4" Vent Valve SI-309	No	10/19/2009	Work Order KW100453032
2	Installed	SI-31-1	Install 2" and 3/4" Piping and 3/4" Valve SI-31-1	No	10/19/2009	Work Order KW100453027
2	Installed	SI-H109	Install Gas Collection Chamber Welded Attachment Support SI-H109	No	10/12/2009	Work Order KW100494435
2	Corrected	SI-W603	Correct by Removing 2.5" Linear Indication	Yes	10/04/2009	Work Order KW100528252