

Prairie Island Nuclear Generating Plant Operated by Nuclear Management Company, LLC

FEB 2 2 2005

L-PI-05-013 10 CFR 50.55a

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT DOCKET NO. 50-282 LICENSE NO. DPR-42

UNIT 1 INSERVICE INSPECTION SUMMARY REPORT, INTERVAL 3, PERIOD 3, REFUELING OUTAGE DATES: 9-10-2004 TO 11-23-2004 FUEL CYCLE 22: 12-7-2002 TO 11-23-2004

During the 2004 Prairie Island Unit 1 refueling outage, an inservice inspection (ISI) examination for the third period of the third interval was conducted. Attached for your information is a copy of the ISI examination summary report for this period.

The summary report is being submitted in accordance with the Prairie Island American Society of Mechanical Engineers (ASME) Code Section XI Inservice Inspection Program and is intended to satisfy the inspection reporting requirements contained in IWA-6220 of the ASME Boiler and Pressure Vessel Code.

The report identifies components examined, the examination methods used, the examination number, and summarizes the results. All anomalies were either corrected or an engineering evaluation was performed to accept "as-is" conditions. A description of the corrective work and the corresponding work request numbers are provided in the ASME Section XI Repair/Replacement portion of the report.

This letter contains no new commitments and no revisions to existing commitments.

Please contact Jack Leveille (651-388-1121, Ext. 4142) if you have any questions related to this letter.

Solvmossv Site Vice President, Prairie Island Nuclear Generating Plant

cc: (see next page)

NUCLEAR MANAGEMENT COMPANY, LLC

cc: Regional Administrator, USNRC, Region III Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR NRC Resident Inspector – Prairie Island Nuclear Generating Plant Chief Boiler Inspector, State of MN

Enclosure (1)

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ENCLOSURE

NUCLEAR MANAGEMENT COMPANY, LLC PRAIRIE ISLAND NUCLEAR GENERATING PLANT DOCKET NO. 50-282

February 2005

INSERVICE INSPECTION SUMMARY REPORT INTERVAL 3, PERIOD 3 REFUELING OUTAGE DATES: 9-10-2004 TO 11-23-2004 UNIT 1, FUEL CYCLE 22: 12-7-2002 TO 11-23-2004 (attachment contains a table of contents)

263 pages follow

XCEL ENERGY PRAIRIE ISLAND NUCLEAR GENERATING PLANT 1717 WAKONADE DRIVE EAST WELCH, MINNESOTA 55089

OPERATED BY: NUCLEAR MANAGEMENT COMPANY, LLC 700 FIRST STREET HUDSON, WISCONSIN 54016

INSERVICE INSPECTION SUMMARY REPORT INTERVAL 3, PERIOD 3 REFUELING OUTAGE DATES: 9-10-2004 TO 11-23-2004 UNIT 1, FUEL CYCLE 22: 12-7-2002 TO 11-23-2004

COMMERCIAL SERVICE DATE: DECEMBER 16, 1973

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2/10/05 ХЛ Prepared By: Date: Program Engineer, Nuclear Management Company Shannon Hanso Date: $\frac{2}{21/85}$ Date: $\frac{3}{21/05}$ Date: Reviewed By: nent Program Engineer, Nuclear Management Company Repair/Replace Ron Clow **Reviewed By:** Program Engineering Manager, Nuclear Management Company Scott McCa Approved By: Director of Engineering, Nuclear Management Company Terry Silverberg

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Section 1. Discussion

1.0 INTRODUCTION

This summary report identifies the components examined, the examination methods used, the examination number and summarizes the examination results performed during the 3rd period of the 3rd interval, unit 1 fuel cycle 22. The 3rd inspection interval is based on the examination requirements of the ASME Boiler and Pressure Vessel Code Section XI, 1989 Edition with no addenda.

2.0 PERSONNEL

Visual and nondestructive examinations were performed by Nuclear Management Company, Lambert Macgill and Thomas (LMT), ABB and Zetec Inc. Framatome Technologies was contracted to perform independent evaluation of the eddy current steam generator data. Wesdyne was contracted to perform 10-year reactor vessel examinations. The Hartford Steam Boiler Inspection and Insurance Company of Connecticut, provided the Authorized Inspection services. Examination personnel certifications are maintained on file by Nuclear Management Company.

3.0 INSPECTION SUMMARY

Examination results indicate that plant system's integrity has been maintained.

Section 4 contains the Class MC components examined, the examination number, and summary of the examination results performed during unit 1 cycle 22. The first interval, September 9, 1996 to May 8, 2008 is based on the examination requirements of ASME Section XI 1992 Edition and 1992 Addenda, and 10 CFR 50.55a dated Tuesday, September 30, 1997.

Section 5 contains the pressure test results. All indications of leakage were evaluated and corrective measures performed as required by IWB-3142 and IWA-5250. Five leaking Code Class 2 component were accepted by analytical evaluation as allowed by ASME Section XI IWB-3142.4. These evaluations are being submitted as required by subparagraph IWB-3144(b).

Snubber inspection results are contained in Section 6. No snubber failures were identified.

During the refueling outage, 11 and 12 steam generators were replaced. All repair/ replacement activities completed during the cycle are documented on Form NIS-2 in Section 8.

4.0 EXAMINATION REPORTS, EQUIPMENT AND MATERIALS

The inservice inspection reports in Sections 3 and 4 contain references to procedures, equipment and materials used to complete the specific examinations. Copies of the examination reports, examination procedures, and equipment records are available from Nuclear Management Company.

Sections 3 and 4 contain several abbreviations which are identified below:

CAP = Corrective Action Process CE = Condition Evaluation GEO = Geometry, evaluation of a indication OPR = Operability Recommendation IN = Information Notice IND = Indication requires further evaluation NAD = No Apparent Defects SE = Safety Evaluation WO = Work Order

5.0 IWE INDICATIONS REQUIRING REPORTING

Exam report - 2004V103

Two indications were found during the inspection of penetration C6B, 12 Main Steam line penetration. The first indication found was an arc strike or electrical arc. This indication is rejectable per the ASME Section XI subsection IWE-3510.2, acceptance standard of other signs of distress and the recording criteria in H10.3 Appendix A. The second indication is blistering paint, which also meets the acceptance standard and recording criteria referenced above.

Indication #1

The majority of the electrical arc indication is on the non-code class portion of the penetration with only a small portion of the discoloration from the strike on the weld connecting the penetration sleeve to the containment wall. Due to the location of the arc strike this is not a structurally significant indication. This is an isolated indication not service related and there is no reason to suspect degradation in inaccessible areas. The inspection performed was adequate to evaluate the indication no supplemental inspections are required.

Indication #2

The second indication is blistering paint inside of containment. The coatings degradation is limited to the penetration and the immediate area around the penetrations. The heat from the Main Steam piping causes blistering of the paint and is nonstructural in nature. The inspection performed is sufficient to evaluate the condition no supplemental inspections are required. The coatings failure is nonstructural in nature therefore no corrective actions are required to maintain the integrity of the structure.

The Main Steam and Feedwater penetrations are the only components that would subject the coating to similar temperature conditions and no other areas would be likely to have a similar condition. None of these areas are in inaccessible locations. The Safety Related Coatings Program has previously identified the degraded coating and removal of the blistering paint has been done in the past. The area noted during this inspection is in a location the painters could not reach. The other Main Steam and Feedwater penetrations have been inspected in accordance with the Containment Inspection Program in prior outages with no indications found. Due to the prior inspections of like penetrations and previous paint removal no additional inspections are required.

Summary

The arc strike is an isolated incident not requiring additional inspections. Due to the prior inspections of like penetrations not identifying blistering paint no additional inspections are required.

INSERVICE INSPECTION SUMMARY REPORT

Because neither of the indications are structural in nature no corrective action is required. Successive inspections of this area will be performed as required IWE-3122.4.

INSERVICE INSPECTION SUMMARY REPORT

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Section 2. NIS-1 (3 pages)

2

NIS-1

Page 1 of 2

OWNER'S REPORT FOR INSERVICE INSPECTIONS

(As required by the Provisions of the ASME Code Rules)

1. Owner	Nuclear Management Company, 70	0 First Street, Hud	son, Wisconsin 54016		
		(Name and Address of	Owner)		
2. Plant	Prairie Island Nuclear Generating Pla	ant, 1717 Wakona	de Drive E., Welch, Minnesota 55089		
		(Name and Address of	'Plant)	·	
3. Plant Ur	nit .	1			
4. Owner (Certificate of Authorization (if required)	N/A			
5. Comme	rcial Service Date	12/16/1973			
6. National	Board Number for Unit	N/A		, - 	

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
11 Reactor Coolant Pump	Westinghouse	W515	-	-
12 Reactor Coolant Pump	Westinghouse	W516		••• · · · · · · · · · · · · · · · · · ·
11 RHR Heat Exchanger	Joseph Oats & Sons	1817-1A	-	340
12 RHR Heat Exchanger	Joseph Oats & Sons	1817-1B	- ·	341
11 RHR Pump	Вутоп Jackson	-		-
12 RHR Pump	Byron Jackson	-		-
11 Safety Injection Pump	Bingham	-		
12 Safety Injection Pump	Bingham	-	-	-
11 Accumulator Tank	Delta Southern	41038-70-1	-	2554
12 Accumulator Tank	Delta Southern	41038-70-2	-	2555
11 Boric Acid Tank	Navco			-
Reactor Vessel	Creuot-Loire	686	MINN 200-51	-
Pressurizer	Westinghouse	1111	-	68-20
11 Steam Generator	Framatome ANP	GV/PI291		161
12 Steam Generator	Framatome ANP	GV/PI292	-	162
8. Examination Dates	12/7/2002	to <u>1</u>	1/23/2004	
9. Inspection Period Ident	ification: (3rd Period) 5/26/1999	to 1:	2/20/2004	
10. Inspection Interval Ide	ntification: (3rd Interval) 12/17/199	3 to 12	2/20/2004	

Addenda .none

11. Applicable Edition of Section XI 1989 100 m ge Slitlas

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NIS-1

12. Date/Revision of Inspection Plan: 5/21/04, Revision 1

 Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for t Inspection Plan.
 See Sections 3 through 7

14. Abstract of Results of Examinations and Tests.

See Sections 3 through 7

15. Abstract of Corrective Measures.

See Sections 3 through 6

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 applicat	ole) I	N/A	Expiration Date		
Date	2 10 05	Signed	Shan	inanAttanso	N	By	Shannm M. Hanson

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CERTIF	FICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National	l Board of Boiler and Pressure Vessel Inspectores and the State or provinces of	
MINNESOTA and employed by THE HAR	ETFORD STEAM BOILER INSPECTION & INSURANCE CO. OF CT.	of
HARTFORD, CT.	have inspected the components described in this Owner's Report during the peroid	
07 DEC 02 10 10 23 NOV 04	, 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 Section XI.	is Owner's Report in accordance with the inspection plan and as required by the ASME	Code,
By signing this certificate neither the Inspector nor his employer mak measures described in this Owner's Report. Furthermore, neither the In damage or a loss of any kind arising from or connected with this inspec	kes and any warranty, expressed or implied, concerning the examinations, tests, and con Inspector nor his employer shall be liable in any manner for any personal injury or prop section.	rective erty
Anno P. O.f	Commissions NB 12085 ANI MN 21924	
Inspector's Signature	National Board, State, Province, and Endorsements	
Date Jebruary 17, 2005		

NUCLEAR MANAGEMENT COMPANY PRAIRIE ISLAND UNIT 1 CYCLE 22

INSERVICE INSPECTION SUMMARY REPORT

Section 3. ISI Examinations (21 pages)

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1

Owner: Xcel Energy

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Operated by: Nuclear Management Company

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Owner Certificate of Authorization (If Req.): N/A Commercial Service Date: December 16, 1973 National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Class 1									
300037	W-7	Valve - Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2004P037 NAD	RC	ISI-1B	10/8/2004
Comments:	Pre-service to W	O# 0305017.			. •				
300038	W-6	Pipe - Valve	B-J	B9.21	SWI NDE-PT-1	PT 2004P038 NAD	RC	ISI-1B	10/8/2004
Comments:	Pre-service to W	•	- •						101012001
300102	H-1A	Snubber A	F-A	F1.10c	SWINDE-VT-2.0	VT 2004V090 NAD	VC	ISI-1F	10/5/2004
Comments:	Pre-service to W						10		10,0,2004
300126	H-1A	SNUBBER A	F-A	F1.10c	SWINDE-VT-2.0	VT 2004V058 NAD	SI	ISI-2	9/28/2004
Comments:	Pre-service to W	• •			000002002.0		0.	101-2	3/20/2004
300147	H-7	RESTRAINT LUGS	F-A	F1.10a		VT 2004V047 NAD	RH	ISI-3A	9/20/2004
300211		HYDR SNUBBER/CLAMP	F-A	F1.10a		VT 2004V047 NAD	RC	ISI-5A	9/30/2004
Comments:	Pre-service to W			11.100	0111102-01-2.0	VI 2004VII0 IAD		101-07	5/30/2004
95			· ·	ъ. с	210177				
300212 Comments:	H-1A Pre-service to W	Snubber A/Clamp O# 0309287	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V048 NAD	RC	ISI-5A	9/23/2004
300275	W-14	SAFE END TO PRESS	B-F	85.40	SWI NDE-PT-1	PT 2004P001 NAD	RC	ISI-5C	9/15/2004
					SWI NDE-UT-2	UT 2004U055 NAD	RC	ISI-5C	10/20/2004
300276	H-5	RUPTURE RESTRAINT	F-A	F1.10b	SWI NDE-VT-2.0	VT 2004V032 NAD ·	RC	ISI-5D	9/19/2004
300282	H-4	SIESMIC RESTRAINT	F-A	F1.10b	SWI NDE-VT-2.0	VT 2004V021 NAD	RC	1S1-5D	9/16/2004
300318	H-1	RUPTURE RESTRAINT	F-A	F1.10b	SWI NDE-VT-2.0	VT 2004V022 NAD	RC	ISI-7	9/16/2004
300502		VALVE - PIPE	B-J	B9.21	SWI NDE-PT-1	PT 2004P039 NAD	VC	ISI-11D	10/14/2004
Comments:	Pre-service to W	O# 0408070.							
300518	W-5	SAFE END - NOZZLE	B-F	B5.10	SWI NDE-PT-1	PT 2004P061 NAD	RC	ISI-12C	11/2/2004
	en e	en e		4 - A	UT-Vendor	UT 2004VE028 NAD	RC	ISI-12C	10/26/2004
300523	W-5	Safe end - nozzle	B-F	B5.70	SWI NDE-UT-2	UT 2004U061 GEO	RC	ISI-12A	10/25/2004
Comments:	Pre-service to W	0# 0310442			SWI NDE-PT-1	PT 2004P050 NAD	RC	ISI-12A	10/23/2004
1						·		۰.	
300528	W-1	Nozzle - Safe End	B-F	B5.70	SWI NDE-UT-2	UT 2004U062 GEO	RC	ISI-12B	10/25/2004
·			· · ·	;	SWI NDE-PT-1	PT 2004P048 NAD	RC	ISI-12B	10/23/2004
Comments:	Pre-service to W	O# 0310442			*				

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	thod/Sheet/Results	System	ISO Num	Exam Date
300538	W-5	SAFE END - NOZZLE	B-F	B5.10	SWI NDE-PT-1	PT	2004P062 NAD	RC	ISI-13C	11/3/2004
					UT-Vendor	UT	2004VE029 NAD	RC	ISI-13C	10/26/2004
300543	W-5	Safe End - Nozzle	B-F	B5.70	SWI NDE-PT-1	PT	2004P045 NAD	RC	ISI-13A	10/22/2004
					SWI NDE-UT-2	UT	2004U059 GEO	RC	ISI-13A	10/23/2004
Comments:	Pre-service to V	VO# 0310445								
000540										4.0.00.000.0
300548	W-1	Nozzle - Safe End	B-F	B5.70	SWI NDE-PT-1		2004P042 NAD	RC	ISI-13B	10/22/2004
Comments:	Pre-service to V	VO# 0310445			SWI NDE-UT-2	01	2004U060 GEO	RC	ISI-13B	10/23/2004
Commonito.										
300612	B-1	VALVE BOLTING	B-G-2	B7.70	SWI NDE-VT-1.0	VΤ	2004V099 NAD	RH	ISI-19A	10/4/2004
				•	SWI NDE-VT-1.0			RH	ISI-19A	10/3/2004
Comments:	2004V065 rejec	ted 6 studs. Studs replaced per WO# 0407227.	Repair Repla	cement Pla	an# 1-22-087.					
300779	H-7	HYDR SNUBBER/CLAMP	F-A	F1.10c	SWI NDE-VT-2.0	VT	2004V097 NAD	RC	ISI-26	10/5/2004
Comments:	Pre-service to V	VO# 0309302								
200702	11.4		- •	54.40			00044400 040	50	101.00	10:00001
300782 Comments:	H-4 Pre-service to V		F-A	F1.10c	SWI NDE-VT-2.0	VI	2004V108 NAD	RC	ISI-26	10/6/2004
ooninnento.										
300783	H-8	HYDR SNUBBER/CLAMP	F-A	F1.10c	SWI NDE-VT-2.0	vт	2004V109 NAD	RC	ISI-26	10/6/2004
Comments:		m to WO# 0309304	• • •			••				
300788	H-2	HYDR SNUBBER	F-A	F1.10c	SWI NDE-VT-2.0	ντ	2004V059 NAD	RC	ISI-26	10/2/2004
Comments:	Pre-service to V	VO# 0309306								
300894	B-1	FLANGE BOLTING	B-G-2	B7.50	SWI NDE-VT-1.0		2004V126 NAD	RC	ISI-29B	10/9/2004
300895	B-1	FLANGE BOLTING	B-G-2	B7.50	SWINDE-VT-1.0		2004V121 NAD	RC	ISI-29A	10/9/2004
300898	W-1	NOZZLE - SAFE END	B-F	B5.40	SWI NDE-UT-2		2004U056 NAD	RC	ISI-29A	10/20/2004
Comments:	UT examination	coverage limited to 66.23% due to configuration.		tion course	SWI NDE-PT-1		2004P002 IND	RC	ISI-29A	9/15/2004
Comments.	OT CAMMADON	coverage innied to 00.25% due to configuration.	r i cxamma	LIOIT COVETA	sye room. Frindia	alion		3016.		
300918	B-2	VALVE BOLTING	B-G-2	B7.70	SWINDE-VT-1.0	vт	2004V124 NAD	SI	ISI-30B	10/8/2004
300923	W-7	SAFE END - NOZZLE	B-F	B5.10	UT-Vendor		2004VE030 NAD	RC	ISI-30B	10/26/2004
			-		SWI NDE-PT-1		2004P060 NAD	RC	ISI-30B	11/3/2004
300945	H-1	HYDR SNUBBER	F-A	F1.10c	SWI NDE-VT-2.0	vт	2004V046 NAD	RC	ISI-31	9/22/2004
Comments:	Pre-service example	m to WO# 0310022								

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1

Owner: Xcel Energy Operated by: Nuclear Management Company

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Owner Certificate of Authorization (If Req.): N/A Commercial Service Date: December 16, 1973 National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	thod/Sheet	/Results	System	ISO Num	Exam Date
300993	H-1	SPRING HANGER	F-A	F1.10c	SWI NDE-VT-2.0	VT	2004V029	NAD	SI	ISI-33B	9/20/2004
301031	R.V.NUTS	NUTS (1-16)	B-G-1	B6.10	SWI NDE-VT-1.0	ντ	2004V043	NAD	RV	ISI-37	9/22/2004
301034	Marmon Clamp	MARMON CLAMP @ 120	B-G-2	B7.10	SWI NDE-VT-1.0	VT	2004V228	NAD	RV	ISI-38	11/19/2004
Comments:	Pre-service to W	0# 0408797	· .								
301078	W-2	Tubesheet to Head	B-B	B2.60	SWI NDE-UT-16A	1177	200411033		vc	ISI-44	9/24/2004
Comments:		coverage limited to 32.29%. Relief Request# 5, I				01	20040000		vo	101-44	312412004
							· .				
301089 Comments:	LIGAMENTS1-4 Partial exam (lig		B-G-1	B6.40	UT-Vendor	UT	2004VE031	NAD	RV	ISI-48	10/26/2004
	· · · · · · · · · · · · · · · · · · ·										
301090	W-1	FLANGE / VESSEL	B-A	B1.30	UT-Vendor	UT	2004VE033	NAD	RV	ISI-48	10/26/2004
301091	W-2	UP SHELL / LOW SHELL	B-A	B1.11	UT-Vendor	UT	2004VE034	NAD	RV	ISI-48	10/26/2004
301092	W-3	LOW SHELL (INTER.)	B-A	B1.11	UT-Vendor	UT	2004VE035	IND	RV	ISI-48	10/26/2004
Comments:	2004VE035 iden	tified indications. Indications were allowable by o	code.								
1942 Y		a second a s	-	<i>.</i>							
301093	W-4	LOW SHELL / LOW HEAD	B-A	B1.11	UT-Vendor		2004VE036		RV	ISI-48	10/26/2004
301094	W-5	RING / DISC	B-A	B1.21	UT-Vendor	UT			RV	ISI-48 ·	10/26/2004
301096	Lug @ 90	Support Lug @ 90	B-K	B10.10	UT-Vendor	υT			RV	ISI-50	10/26/2004
301098	N-6	Inlet Nozzle to Vessel Weid Loop A	B-D	B3.90	UT-Vendor	UT			RV	ISI-50	10/26/2004
301099	N-6 IR	Inlet Nozzle (Inner Radius) to Vessel Weld Loop	bB-D	B3.100	VT-Vendor	VT	2004VE055	NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-64	8-1	•			•					
301100	N-7	Outlet Nozzle to Vessel Weld Loop A	B-D	B3.90	UT-Vendor	UŤ	2004VE040	IND	RV	ISI-50	10/26/2004
Comments:	UT examination	coverage limited to 76.38%									
				-		. –			-		
301101 Comments:	N-7 IR Code Case N-64	Outlet Nozzle (Inner Radius) to Vessel Weld Lo 8-1	(B-D	B3.100	VT-Vendor	VT	2004VE056	NAD	RV	ISI-50	10/26/2004
		-									
301102	N-8	SI Nozzle to Vessel Weld Loop A	B-D	B3.90	UT-Vendor	UT	2004VE054	IND	RV	ISI-50	10/26/2004
•	• .				UT-Vendor	UT	2004VE042	IND	RV	ISI-50	10/26/2004
Comments:	UT examination	coverage limited to 59.26%. All indications identi	ified are Cod	e acceptab	le.						
301103	N-8 IR	SI Nozzle (Inner Radius) to Vessel Weld Loop A	B-D	B3.100	VT-Vendor	vŕ	2004VE057	NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-64	· · · ·		20,100		••				, ,	10/20/2004
	•		· ·								•
302501	V-1	VALVE INT SURFACES	B-M-2	B12.50	SWI NDE-VT-3.0	VT	2004V060	NAD	RH	ISI-19A	10/3/2004
302901	B-1	FLANGE BOLT	B-G-2	B7.50	ISI-VT-1.0	vr	2004V018	NAD	VC	ISI-27D	2/26/2003

Plant Unit: 1 Owner: Xcel E	Energy	Generating Plant, 1717 Wakonade Driv gement Company			aminations 55089	Сс	vner Certificate of Au ommercial Service Da ational Board Number	ate: Decer	mber 16, 197	
Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	ethod/Sheet/Results	System	ISO Num	Exam Date
Comments:		mination from WO# 0300670. Previous indicatio	n identified o	n Report #	2002V497. CAP02	27781	•			<u></u>
302952	V-2	VALVE INT SURFACES	B-M-2	B12.50	SWI NDE-VT-3.0 SWI NDE-VT-3.0		2004V122 NAD 2004V127 NAD	SI SI	ISI-30B ISI-30B	10/8/2004 10/10/2004
Comments:	2004V122 ISI e	xam. 2004V127 examined new internals prior to	replacement	per WO# 0						
302977 302978 Comments:	N-9 N-9 IR Code Case N-6	Inlet Nozzle to Vessel Weld Loop B Inlet Nozzle (Inner Radius) to Vessel Weld Loc 48-1	B-D ρ B-D	B3.90 B3.100	UT-Vendor VT-Vendor		2004VE044 NAD 2004VE058 NAD	RV RV	ISI-50 ISI-50	10/26/2004 10/26/2004
302979 Comments:	N-10 UT examination	Outlet Nozzle to Vessel Weld Loop B coverage limited to 78.47%. All indications iden	B-D tified are Coo	B3.90 le Acceptal	UT-Vendor ble.	UT	2004VE046 IND	RV	ISI-50	10/26/2004
302980 Comments:	N-10 IR Code Case N-6	Outlet Nozzle (Inner Radius) to Vessel Weld Lo 48-1	or B-D	B3.100	VT-Vendor	vт	2004VE059 NAD	RV	ISI-50	10/26/2004
302981 Comments:	N-11 UT examination	SI Nozzle to Vessel Weld Loop B coverage limited to 59.26%. All indications iden	B-D tified are Coo	B3.90 le acceptat	UT-Vendor ble.	UT	2004VE048 IND	RV	ISI-50	10/26/2004
302982 Comments:	N-11 IR Code Case N-6-	SI Nozzle (Inner Radius) to Vessel Weld Loop 48-1	8 B-D	B3.100	VT-Vendor	VT	2004VE060 NAD	RV	ISI-50	10/26/2004
303032 Comments:	N-3IR Relief Request I	NOZZLE - HX No. 5, Revision 2	B-D	B3.160	SWI NDE-VT-1.0	VΤ	2004V050 NAD	VC	ISI-44	9/24/2004
303033 Comments:	N-4IR Relief Request I	HX - NOZZLE No. 5, Revision 2	B-D	B3.160	SWI NDE-VT-1.0	VT	2004V051 NAD	VC	ISI-44	9/24/2004
305417 305701 Comments:	VESSEL V-1 Pre-service to V	VT INTL SURFACES Valve Int Surfaces (Installed RC-10-1 as of 11/	B-N-1 1 B-M-2	B13.10 B12.50	VT-Vendor SWI NDE-VT-3.0		2004VE050 NAD 2004V224 NAD	RV RC	ISI-48 ISI-29A	10/26/2004 11/9/2004
305702 Comments:	B-2 Pre-service to V	Valve Bolting (Installed RC-10-1 as of 11/15/04) B-G-2	B7.70	SWI NDE-VT-1.0	vт	2004V222 NAD	RC	ISI-29A	11/9/2004
305703 Comments:	V-1 Pre-service to V	Vaive Int Surfaces (Installed RC-10-2 as of 11/ VO# 0310234	1 B-M-2	B12.50	SWI NDE-VT-3.0	٧T	2004V225 NAD	RC	ISI-29B	10/11/2004
305704	B-2	Valve Bolting (Installed RC-10-2 as of 11/15/04) B-G-2	B7.70	SWI NDE-VT-1.0	vт	2004V223 NAD	RC	ISI-29B	11/9/2004

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089

Plant Unit: 1

Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service to W	O# 0310234							
311034 Comments:		MARMON CLAMP @ 240 O# 0408797	B-G-2	B7.10	SWI NDE-VT-1.0	VT 2004V229 NAD	RV	ISI-38	11/19/2004
315300	RV-2	Int Attachment -Beltline	B-N-2	B13.50	VT-Vendor	VT 2004VE051 NAD	RV	ISI-48	10/26/2004
315400 Comments:		Int. Attachment Beyond Beltline ated to be acceptable per CE006062	B-N-2	B13.60	VT-Vendor	VT 2004VE052 IND	RV	ISI-48	10/26/2004
315500 Comments:	RV-4 Indications evalu	Core Support Structure ated to be acceptable per CE006062	B-N-3	B13.70	VT-Vendor	VT 2004VE053 IND	RV	ISI-48	10/26/2004
320102 Comments:	H-1B Pre-service to W	Snubber B O# 0309297	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V089 NAD	VC	ISI-1F	10/5/2004
320145	H-3/1A	Int. Attach[DOUBLE SPRING]	в-к	B10.20	SWI NDE-PT-1	PT 2004P035 NAD	RC	ISI-3A	10/5/2004
320147	H-7/IA	Int. Attach[Restraint Lugs]	B-K	B10.20	SWI NDE-PT-1	PT 2004P036 NAD	RH	ISI-3A	10/5/2004
320215 Comments:	H-1/IA 2004P033 identii	Int. Attach[RCP # 11 Column 1-A] ied 5 indications. All 5 indications were found	B-K to be Code acc	B10.30 ceptable.	SWI NDE-PT-1	PT 2004P033 IND	RC	ISI-14	9/29/2004
320233 Comments:	H-6B Pre-service to W	"B" SNUBBER/CLAMP O# 0309285	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V049 NAD	RC	ISI-5B	9/24/2004
320285 Comments:	H-9B Pre-service exan	"B" Snubber/Clamp n to WO#0309288	F-A	F1.10c	SWINDE-VT-2.0	VT 2004V045 NAD	RC	ISI-5D	9/21/2004
320484	H-3/IA	Int. Attach[ANCHOR SUPPORT]	В-К	B10.20	SWI NDE-PT-1	PT 2004P034 IND	vc	ISI-11D	10/5/2004
· · ·					SWI NDE-PT-1	PT 2004P047 NAD	VC	ISI-11D	10/26/2004
Comments:		ied an indication. Initiated CAP 039246. Repa inations are required to be performed. Expand							
320595 Comments:	H-5/IA Expanded scope	Int. Attach[RUPTURE RESTRAINT LUG) from 320993	B-K	B10.20	SWI NDE-PT-1	PT 2004P040 NAD	SI	ISI-18	10/16/2004
320962 Comments:	H-3/IA Expanded scope		В-К	B10.20	SWI NDE-PT-1	PT 2004P041 NAD	VC	ISI-32A	10/16/2004
220002	LI 1/1A		PK	810.20			CI	101 220	10/02/0004
320993	H-1/IA	Int. Attach[SPRING HANGER]	B-K	B10.20	SWI NDE-PT-1	PT 2004P046 NAD	SI	ISI-33B	10/23/2004
					SWI NDE-PT-1	PT 2004P027 IND	SI	ISI-33B	10/5/2004

Diant: Drairia I	aland Nuclear	Concretion Diant 1717 Mickey			aminations					
Plant Unit: 1 Owner: Xcel E	Inergy	Generating Plant, 1717 Wakona gement Company	ide Drive East, vve	eicn, Min		Owner Certil · Commercial National Boa	Service Da	ate: Dece	mber 16, 19	
Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/She	et/Results	System	ISO Num	Exam Date
Comments:		fied an indication. Initiated CAP 03924 ninations are required to be performed.							Since the flaw	was removed, no
321031	R.V. NUTS	NUTS (17-32)	B-G-1	B6.10	SWI NDE-VT-1.0	VT 2004V044	NAD	RV	ISI-37	9/24/2004
321034	Marmon Clamp	CMARMON CLAMP @ 360	B-G-2	B7.10	SWI NDE-VT-1.0	VT 2004V230	NAD	RV	ISI-38	11/19/2004
Comments:	Pre-service to W	/O# 0408797			•					
321738	H-1/IA	Int. Attach[BASE]	В-К	B10.10	SWI NDE-MT-1	MT 2004M008	NAD	RC	ISI-41	9/29/2004
350200	H-13	SG # 11 Column 1	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V159	NAD	SG	ISI-43C	10/26/2004
Comments:	Pre-service to W	/O# 0310433								
350201	H-14	SG # 11 Column 2	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V172	NAD	SG	ISI-43C	10/26/2004
Comments:	Pre-service to W								101-400	10/20/2004
350202	H-15	SG # 11 Column 3	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V173	NAD	SG	ISI-43C	10/26/2004
Comments:	Pre-service to W	/O# 0310433								
350203	H-16	SG # 11 Column 4	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V167	NAD	SG	ISI-43C	10/26/2004
Comments:	Pre-service to W	/O# 0310433								
350204	H-13	SG # 12 Column 1	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V161	NAD	SG	ISI-43D	10/26/2004
Comments:	Pre-service to W	/O# 0310435								
350205	H-14	SG # 12 Column 2	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V174	NAD	SG	ISI-43D	10/26/2004
Comments:	Pre-service to W	/O# 0310435								
350206	H-15	SG # 12 Column 3	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V160	NAD	SG	ISI-43D	10/26/2004
Comments:	Pre-service to W	/O# 0310435								
350207	H-16	SG # 12 Column 4	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V175	NAD	SG	ISI-43D	10/26/2004
Comments:	Pre-service to W	/O# 0310435								
350216	H-2	RCP # 11 Column 2-B	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V232	NAD	RC	ISI-14	11/22/2004
Comments:	Pre-service to W	'O# 0408894								

350219 H-2 RCP # 12 Column 2-B F-A F1.40 SWI NDE-VT-2.0 VT 2004V231 NAD RC ISI-34 11/22/2003 Comments: Pre-service to WO# 0408894 370027 SP 1403 Reactor Vessel Closure Head Bare Metal Visual BACC GL88-05 SP 1403 VT 2004V227 NAD RV 9/16/2004

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1

Owner: Xcel Energy

Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	ltem	Procedure	Me	thod/Sheet/Results	<u>System</u>	ISO Num	Exam Date
Comments:	Augmented Exa	m			· ·					
390100	W-4A	Elbow - Safe End	B-J	B9.11	SWI NDE-UT-11	υτ	2004U068 NAD	RC	ISI-12A	10/25/2004
					SWI NDE-PT-1	PT	2004P051 NAD	RC	ISI-12A	10/23/2004
					SWI NDE-UT-16A	UΤ	2004U067 GEO	RC	ISI-12A	10/25/2004
Comments:	Pre-service to W	/0# 0310442								
390101	W-1A	Safe End - Pipe	B-J	B9.11	SWI NDE-PT-1	РТ	2004P049 NAD	RC	ISI-12B	10/23/2004
		··· · · · · · ·			SWI NDE-UT-11	UT	2004U069 NAD	RC	ISI-12B	10/25/2004
		,			SWI NDE-UT-16A	UT	2004U070 GEO	RC	ISI-12B	10/25/2004
Comments:	Pre-service to W	/0# 0310442								
390102	W-4A	Elbow - Safe End	B-J	B9.11	SWI NDE-PT-1	PT	2004P044 NAD	RC	ISI-13A	10/22/2004
					SWI NDE-UT-16A		•	RC	ISI-13A	10/23/2004
· .	a taga tag 1990 - Angelander Angelander 1990 - Angelander Angelander				SWI NDE-UT-11		2004U066 NAD	RC	ISI-13A	10/23/2004
Comments:	Pre-service exar	n to WO# 0310445. UT examination coverage li	mited to 87.7	5% due to						10/20/200
390103	W-1A	Safe End - Elbow	B-J	B9.11	SWI NDE-UT-11	υT	2004U064 NAD	RC	ISI-13B	10/23/2004
000100			0.0	55.11	SWI NDE-UT-16A			RC	ISI-13B	10/23/2004
					SWI NDE-PT-1		2004P043 NAD	RC	ISI-13B	10/22/2004
Comments:	Pre-service to W	/O# 0310445				•••				•
390121	W-1	Head - Cylindrical Ring	B-B	B2.40	UT-Vendor	UΤ	2004VE062 NAD	SG	ISI-43E	1/8/2004
390122	W-2	Cylindrical Ring - Tubesheet	B-B	B2.40	UT-Vendor	UT	2004VE063 GEO	SG	1S1-43E	1/8/2004
390141	W-1	Head - Cylindrical Ring	B-B	B2.40	UT-Vendor	UΤ		SG	ISI-43F	1/5/2004
390142	W-2	Cylindrical Ring - Tubesheet	B-B	B2.40	UT-Vendor	UT	2004VE065 GEO	SG	ISI-43F	1/5/2004
390160	N-5IR	Inlet Nozzle Inner Radius	B-D	B3.140	SWI NDE-VT-1.0	VΤ	2004V012 NAD	SG	ISI-43E	9/3/2004
Comments:	Code Case N-61	9. Pre-service to WO# 0310231								
.390161	N-6IR	Outlet Nozzle Inner Radius	B-D	B3.140	SWI NDE-VT-1.0	VT	2004V020 NAD	SG	IS1-43E	9/3/2004
Comments:	Code Case N-61	9. Pre-service to WO# 0310231						•		
390162	N-5IR	Inlet Nozzle Inner Radius	B-D	B3.140	SWI NDE-VT-1.0	ντ	2004V013 NAD	SG	ISI-43F	9/3/2004
Comments:	Code Case N-61	9. Pre-service to WO# 0310231					• •			
390163 ·	N-6IR	Outlet Nozzle Inner Radius	B-D	B3.140	SWI NDE-VT-1.0	vт	2004V014 NAD	SG	ISI-43F	9/3/2004
Comments:		9. Pre-service to WO# 0310231		-		-				

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No. Com	DID Co	omp Desc	Category	Item	Procedure	Me	thod/Sheet/Results	System	ISO Num	Exam Date
390164 B-1	Inle	et Manway Bolts	B-G-2	B7.30	SWI NDE-VT-1.0	VT	2004V039 NAD	SG	ISI-43E	9/22/2004
					SWI NDE-VT-1.0	VΤ	2004V183 NAD	SG	ISI-43E	11/5/2004
Comments: Both p	re-service to V	NO# 0310231. 2004V039 completed after a s	tud was dam	aged (CAF	039576)					
	•					. –	0000000000000000	~~		0.000.000.0
390165 B-2 Comments: Pre-se	ou #rvice to WO	•	B-G-2	B7.30	SWI NDE-VT-1.0	VI	2004V040 NAD	SG	ISI-43E	9/22/2004
Somments. Trese		0010201								
390166 B-1	· Inle	et Manway Bolts	B-G-2	B7.30	SWI NDE-VT-1.0	vī	2004V042 NAD	SG	ISI-43F	9/22/2004
	rvice to WO#	•								
390167 B-2		•	B-G-2	B7.30	SWI NDE-VT-1.0	v۲	2004V041 NAD	SG	ISI-43F	9/22/2004
Comments: Pre-se	rvice to WO#	0310231								
Class 2 301107 W-1LS	20 NC	DZZLE - RED. ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	шт	2004U074 GEO	MS	ISI-51A	11/1/2004
			0-1-2	00.00	MT-Vendor	-	2004VE022 NAD	MS	ISI-51A	10/31/2004
Comments: Pre-se	rvice to WO#	0310229							101-01/	10/0 //2004
301108 W-11L	SUD PIF	PE - PIPE	C-F-2	C5.50	SWI NDE-UT-1A	UT	2004U007 NAD	MS	ISI-51A	9/21/2004
					SWI NDE-MT-1	мт	2004M004 NAD	MS	ISI-51A	9/21/2004
301112 W-3LS	2DU PIF	PE - ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	UT	2004U075 NAD	MS	ISI-51A	11/1/2004
					MT-Vendor	MT	2004VE023 NAD	MS	ISI-51A	10/31/2004
Comments: Pre-se	rvice to WO#	0310229								
				_						
301132 H-2			F-A	F1.20a	SWI NDE-VT-2.0	VT	2004V216 NAD	MS	ISI-51A	11/11/2004
Comments: Pre-se	rvice to WO#	0310229								
301134 H-4	SE	EISMIC RESTRAINT	F-A	F1.20a	SWI NDE-VT-2.0	١Æ	20041/104 NAD	MS	ISI-51A	11/8/2004
	rvice to WO#			F1.20a	SVALIADE=01-2.0	V I	20040134 1140	IVI3	151-51A	11/0/2004
301149 W-2LS	2U2D PIF	PE - 58° ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	UT	2004U022 NAD	MS	ISI-51B	9/27/2004
					SWI NDE-MT-1	ΜТ	2004M006 NAD	MS	ISI-51B	9/27/2004
301150 W-3LS	D2U 58'	* ELBOW - PIPE	C-F-2	C5.50	SWI NDE-UT-1A	UT	2004U021 NAD	MS	ISI-51B	9/27/2004
					SWI NDE-MT-1	МΤ	2004M005 NAD	MS	ISI-51B	9/27/2004
301151 W-4	PIF	PE - ELBOW	C-F-2	C5.51	SWI NDE-UT-1A	UT	2004U018 NAD	MS	ISI-51C	9/23/2004
					SWI NDE-MT-1	MT	2004M001 NAD	MS	ISI-51C	9/16/2004
301215 W-6	PIF	PE - ELBOW	C-F-2	C5.51	SWI NDE-UT-1A	UT	2004U009 GEO	FW	ISI-52	9/22/2004

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1

Owner: Xcel Energy

Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
	<u></u>				SWI NDE-MT-1	MT 2004M003 NAD	FW	IS1-52	9/21/2004
301216	W-7	ELBOW - PIPE	C-F-2	C5.51	SWI NDE-MT-1	MT 2004M002 NAD	FW	ISI-52	9/21/2004
					SWI NDE-UT-1A	UT 2004U008 GEO	FW	ISI-52	9/22/2004
301238	W-21	ELBOW TO PIPE	C-F-2	C5.51	MT-Vendor	MT 2004VE018 NAD	FW	ISI-52	11/2/2004
. <i>.</i>		· ,			SWI NDE-UT-1A	UT 2004U078 NAD	FW	ISI-52	10/6/2004
Comments:	Pre-service to V	VO# 0310228							
301240	W-26	Sweepolet - Pipe	C-F-2	C5.81	MT-Vendor	MT 2004VE021 NAD	FW	ISI-52	10/8/2004
Comments:	Pre-service to V	VO# 0310228			,	· .			
301242	W-22	PIPE TO NOZZLE	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U084 NAD	FW	ISI-52	11/6/2004
	•	• •			MT-Vendor	MT 2004VE017 NAD	FW	ISI-52	11/5/2004
Comments:	Pre-service to V	VO# 0310228					•	· ·	
301245	W-25	Pipe - Sweepolet	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U053 NAD	AF	ISI-52	10/16/2004
001210					MT-Vendor	MT 2004VE020 NAD	AF	ISI-52	10/12/2004
Comments:	Pre-service to V	VO# 0310228			, , , , L	<i>·</i> .			•
301247	W-24	Flued Head - Pipe	C-F-2	C5.51	MT-Vendor	MT 2004VE019 NAD	AF	ISI-52	10/23/2004
		·			SWI NDE-UT-1A	UT 2004U057 GEO	AF	ISI-52	10/23/2004
Comments:	Pre-service to V	VO# 0310228							
301253	H-9	ANCHOR ELBOW	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V187 NAD	FW	ISI-52	11/7/2004
Comments:	Pre-service to V	VO# 0310228							
301254	H-8	ANCHOR ELBOW	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V189 NAD	FW	IS1-52	11/7/2004
Comments:		VO# 0310228							
301572	W-1LS2D	NOZZLE - RED. ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	UT 2004U073 GEO	MS	IS1-68A	11/1/2004
· · ·			. .	• •	MT-Vendor	MT 2004VE025 NAD	MS	IS1-68A	10/30/2004
Comments:	Pre-service to V	VO# 0310229	•					. '	
301577	W-3LS2UD	PIPE - ELBOW	C-F-2	C5.50	MT-Vendor	MT 2004VE027 NAD	MS	ISI-68A	10/29/2004
					SWI NDE-UT-1A	UT 2004U071 NAD	MS	ISI-68A	10/31/2004
Comments:	Pre-service to V	VO# 0310229		· .	,			1	
301595	H-1	SEISMIC RESTRAINT	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V214 NAD	MS	IS1-68A	11/11/2004

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Section 3. ISI Examinations

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Owner Certificate of Authorization (If Req.): N/A Commercial Service Date: December 16, 1973 National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	ltem	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service to V	VO# 0310229							
301596 Comments:	H-3 Pre-service to V	SEISMIC RESTRAINT VO# 0310229	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V193 NAD	MS	ISI-68A	11/8/2004
301640 Comments:	H-6A Indication not in	Snubber A a scope of Section XI Program. Evaluation per sr	F-A hubber progra	F1.20c m (CAP039		VT 2004V057 IND	MS	ISI-68B	9/28/2004
301642 Comments:	H-2A Pre-service to V	Snubber A VO# 0407307	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V128 NAD	MS	ISI-68C	10/13/2004
301667	W-26	Flued Head to Pipe	C-F-2	C5.51	SWI NDE-UT-1A MT-Vendor	UT 2004U058 GEO MT 2004VE006 NAD	AF AF	ISI-69 ISI-69	10/23/2004 10/23/2004
Comments:	Pre-service to V	VO# 0310228							
301690	W-21	ELBOW TO PIPE	C-F-2	C5.51	MT-Vendor SWI NDE-UT-1A	MT 2004VE002 NAD UT 2004U081 NAD	FW FW	ISI-69 ISI-69	11/2/2004 11/5/2004
Comments:	Pre-service to V	VO# 0310228							
301692	W-23	Pipe - Sweepolet	C-F-2	C5.51	SWI NDE-UT-1A MT-Vendor	UT 2004U054 NAD MT 2004VE004 NAD	AF AF	ISI-69 ISI-69	10/16/2004 10/3/2004
Comments:	Pre-service to V	VO# 0310228					2.0		101012004
301694	W-24	PIPE TO NOZZLE	C-F-2	C5.51	SWI NDE-UT-1A MT-Vendor	UT 2004U080 NAD MT 2004VE005 NAD	FW FW	ISI-69 ISI-69	11/5/2004 11/5/2004
Comments:	Pre-service to V	VO# 0310228							
301697 Comments:	W-22 Pre-service to V	Sweepolet to Pipe VO# 0310228	C-F-2	C5.81	MT-Vendor	MT 2004VE003 NAD	FW	ISI-69	10/14/2004
301704 Comments:	H-8 Pre-service to V	ANCHOR ELBOW VO# 0310228	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V185 NAD	FW	ISI-69	11/6/2004
301705 Comments:	H-7 Pre-service to V	ANCHOR ELBOW VO# 0310228	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V186 NAD	FW	ISI-69	11/6/2004
301706 Comments:	H-5 Pre-service to V	ANCHOR ELBOW VO# 0310228	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V188 NAD	FW	ISI-69	11/6/2004

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Section 3. ISI Examinations

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089

Plant Unit: 1

Owner: Xcel Energy

Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
302967 Comments:	H-2A Pre-service to W	Snubber A /O# 0200346	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V006 NAD	MS	ISI-51C	5/25/2004
302983 Comments:	H-1 Pre-service to W	SNUBBER 1 O# 0310431	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V203 NAD	SG	ISI-43C	11/5/2004
302984 Comments:	H-2 Pre-service to W	SNUBBER 2 /O# 0310431	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V178 NAD	SG	ISI-43C	11/5/2004
302986 Comments:	H-3 Pre-service to W	SNUBBER 3 /O# 0310431	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V176 NAD	SG	ISI-43C	11/5/2004
302987 Comments:	H-4 Pre-service to W	SNUBBER 4 O# 0310431	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V177 NAD	SG	ISI-43C	11/5/2004
302992 Comments:	H-9 Pre-service to W	TOP SUPPORT GIRDER O# 0310431	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V204 NAD	SG	ISI-43C	11/10/2004
303004 Comments:	H-1 Pre-service to W	SNUBBER 1 O# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V179 NAD	SG	ISI-43D	11/4/2004
303005 Comments:	H-2 Pre-service to W	SNUBBER 2 /O# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V180 NAD	SG	ISI-43D	11/4/2004
303006 Comments:	H-3 Pre-service to W	SNUBBER 3 /O# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V181 NAD	SG	ISI-43D	11/4/2004
303007 Comments:	H-4 Pre-service to W	SNUBBER 4 /O# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V182 NAD	SG	ISI-43D	11/4/2004
303012 Comments:	H-9 Pre-service to W	TOP SUPPORT GIRDER 0/# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V205 NAD	SG	ISI-43D	11/10/2004
303079 305055 Comments:	W-18LSU H-1 Expanded scope	PIPE - WELDOLET ROD/CLAMP from Summary No. 305071.	C-F-2 F-A	C5.80 F1.20a	SWI NDE-MT-1 SWI NDE-VT-2.0	MT 2004M009 NAD VT 2004V141 NAD	MS SI	ISI-51C ISI-100B	10/18/2004 10/15/2004
305057	H-3	BOX HANGER	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V133 NAD	SI	ISI-100B	10/15/2004

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Owner Certificate of Authorization (If Req.): N/A Commercial Service Date: December 16, 1973 National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	thod/Shee	t/Results	System	ISO Num	Exam Date
Comments:	Expanded scope	from Summary No. 305071.									
305069	H-4	Seismic Anchor	F-A	F1.20b	SWI NDE-VT-2.0	vт	2004V140	NAD	SI	ISI-100A	10/15/2004
Comments:	Expanded scope	from Summary No. 305071.									
305070	H-5	Double Rigid Hanger	F-A	F1.20a	SWI NDE-VT-2.0	vт	2004V149	IND	SI	ISI-100A	10/15/2004
Comments:	2004V149 identi	fied additional parts that did not appear on drawir	ng. CAP0396	71 docume	ents the discrepancy	<i>'</i> .					
305071	H-6	BOX HANGER	F-A	F1.20b	SWI NDE-VT-2.0	vт	2004V184	NAD	SI	ISI-100A	11/6/2004
					SWI NDE-VT-2.0				SI	ISI-100A	10/8/2004
Comments:		fied a clearance issue. Initiated CAP 039248. Re I Summary Nos. 305107, 305069, 305057, 30505				with r	no indications	per Report I	No. 2004V1	84. Expanded	scope was
305105	H-4	SEISMIC ANCH./SADDLE	F-A	F1.20b	SWI NDE-VT-2.0	VΤ	2004V119	NAD	SI	ISI-99A	10/8/2004
305106	H-5	PIPE CLAMP	F-A	F1.20b	SWI NDE-VT-2.0	vт	2004V148	IND	SI	ISI-99A	10/15/2004
Comments:	Expanded scope	e from Summary No. 305071.									
305107	H-6	SEISMIC/CLAMP/LUGS	F-A	F1.20b	SWI NDE-VT-2.0	ντ	2004V139	NAD	SI	ISI-99A	10/15/2004
Comments:	Expanded scope	e from Summary No. 305071.									
305193	W-1	PEN 28A - REDUCER	C-F-1	C5.21	SWI NDE-PT-1	РТ	2004P030	NAD	SI	ISI-97A	9/21/2004
					SWI NDE-UT-16A	UT	2004U023	NAD	SI	ISI-97A	9/22/2004
305194	W-2	REDUCER - PIPE	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P016	NAD	SI	ISI-97A	9/17/2004
					SWI NDE-UT-16A	UT	2004U024	NAD	SI	ISI-97A	9/19/2004
305195	W-3	PIPE - PIPE	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P015	NAD	SI	ISI-97A	9/17/2004
					SWI NDE-UT-16A	UT	2004U025	NAD	SI	ISI-97A	9/19/2004
305196	W-4	PIPE - 45 ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P014	NAD	SI	ISI-97A	9/17/2004
					SWI NDE-UT-16A	UT	2004U026	NAD	SI	ISI-97A	9/19/2004
305197	W-5	45 ELBOW - PIPE	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P013	NAD	SI	ISI-97A	9/17/2004
					SWI NDE-UT-16A	UT	2004U027	NAD	SI	ISI-97A	9/19/2004
305198	W-6	PIPE - 45 ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P019	NAD	SI	ISI-97A	9/18/2004
					SWI NDE-UT-16A	UT	2004U028	NAD	SI	ISI-97A	9/19/2004
305199	W-7	45 ELBOW - PIPE	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U032	NAD	S1	ISI-97A	9/19/2004
					SWI NDE-PT-1	РТ	2004P018	NAD	sı .	ISI-97A	9/18/2004
305200	W-8	PIPE - RED TEE	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U019	NAD	SI	ISI-97A	9/22/2004
					SWI NDE-PT-1	РΤ	2004P032	NAD	SI	ISI-97A	9/23/2004
305201	W-9	RED TEE - REDUCER	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U020	NAD	SI	ISI-97A	9/22/2004
					SWI NDE-PT-1	PT	2004P009	NAD	SI	ISI-97A	9/17/2004
305202	W-1	RED TEE - PIPE	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U011	NAD	SI	ISI-97B	9/18/2004

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Section 3. ISI Examinations

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089

Plant Unit: 1

Owner: Xcel Energy

Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	ethod/Sheet/Re	esults	System_	ISO Num	Exam Date
					SWI NDE-PT-1	PT	2004P012 NA	D	SI	ISI-97B	9/17/2004
Comments:	Ut examination	coverage limited to 50% due to configura	ition. PT examination	coverage	100%.						
305203	W-2	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U012 NA	D	St	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT	2004P010 NAI	D	SI	ISI-97B	9/17/2004
305204	W-3	ELBOW - PIPE	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U016 NA	D	SI	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT	2004P011 NA	D	SI .	ISI-97B	9/17/2004
305205	W-4	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U015 NA	D	SI	1SI-97B	_ 9/18/2004
		•			SWI NDE-PT-1	PT	2004P008 NA	D	SI	ISI-97B	9/17/2004
305206	W-5	ELBOW - PIPE	C-F-1	C5.21	SWI NDE-UT-16A	UT	2004U017 NA	D	SI	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT	2004P007 NA	D	SI	ISI-97B	9/17/2004
305207	W-6	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P017 NA	D	SI	ISI-97B	9/17/2004
		,			SWI NDE-UT-16A	UT	2004U013 NA	D	SI	ISI-97B	9/18/2004
305254	H-3	Double Spring Hanger	F-A	F1.20c	SWI NDE-VT-2.0	VT	2004V030 NA	D	SI	ISI-98A	9/20/2004
305260	W-3	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P024 NA	D	SI	ISI-98A	9/17/2004
· · · · ·					SWI NDE-UT-16A	UT	2004U029 NA	D	SI	ISI-98A	9/19/2004
305261	W-4	ELBOW - 45 ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P025 NA	D	SI	ISI-98A	9/17/2004
		;			SWI NDE-UT-16A	UT	2004U030 NA	D	SI	ISI-98A	9/19/2004
305262	W-5	45 ELBOW - PIPE	C-F-1	C5.21	SWI NDE-PT-1	PT	2004P026 NA	D	SI	1S1-98A	9/17/2004
					SWI NDE-UT-16A	UT	2004U031 NA	D	St	1S1-98A	9/19/2004
305332	W-19	PIPE - ORIFICE	C-F-1	C5.30	SWI NDE-PT-1	PT	2004P005 NA	D	SI	ISI-98C	9/16/2004
305333	W-20	ORIFICE - PIPE	C-F-1	C5.30	SWI NDE-PT-1	РТ	2004P006 NA	D	SI	IS1-98C	9/16/2004
305340	W-27	VALVE - PIPE	C-F-1	C5.30	SWI NDE-PT-1	PT	2004P004 NA	D	SI	IS1-98C	9/16/2004
305344	W-31	PIPE - VALVE	C-F-1	C5.30	SWI NDE-PT-1	PT	2004P003 NA	D	SI	ISI-98C	9/16/2004
305637 Comments:	H-8 Pre-service to V	Spring WO# 0310228	F-A	F1.20c	SWI NDE-VT-2.0	VT	2004V191 NA	D	AF	ISI-52A	11/7/2004
305640 Comments:	H-11 Pre-service to	Pipe Restraint WO# 0310228	F-A	F1.20b	SWI NDE-VT-2.0	VT	2004V190 NA	D	AF	ISI-52A	11/6/2004
305651 Comments:	H-10 Pre-service to V	Double Spring WO# 0310228	F-A	F1.20c	SWI NDE-VT-2.0	V T	2004V217 NA	D	AF	ISI-69A	11/11/2004
305652 Comments:	H-11 Pre-service to ^v	Pipe Restraint WO# 0408542	F-A	F1.20b		VT	2004V215 NA	D.	AF	ISI-69A	11/11/2004
315635	W-11	PIPE TO FLUED HEAD	C-F-2	C5.61	SWI NDE-UT-1A SWI NDE-MT-1		2004U077 GE 2004M010 NA		AF AF	ISI-52A ISI-52A	11/6/2004 11/5/2004

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	ltem	Procedure	Method/	Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service to V	VO# 0310228								<u></u>
315667	W-13A	Pipe to Pipe	C-F-2	C5.61	SWI NDE-UT-1A SWI NDE-MT-1		U083 GEO M011 NAD	AF AF	ISI-69A ISI-69A	11/5/2004 11/5/2004
Comments:	Pre-service to V	NO# 0310477			OWINDENNIST	1011 2004			101-05/1	110.2004
315668	W-15A	PIPE TO FLUED HEAD	C-F-2	C5.61	SWI NDE-MT-1 SWI NDE-UT-1A		M012 NAD U082 NAD	AF AF	ISI-69A ISI-69A	11/5/2004 11/5/2004
Comments:	Pre-service to V	NO# 0310228			SWINDE-OT-TA	01 2004	0082 NAD	AF	131-03A	11/5/2004
315839	H-1	Single Sliding Base	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004	V129 NAD	CS	ISI-91D	10/14/2004
315855	W-6	Pipe - Elbow	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004	P056 NAD	CS	ISI-91C	10/15/2004
Comments:	Pre-service to V	NO# 0303946			SWI NDE-UT-16A	UT 2004	U046 NAD	CS	ISI-91C	10/16/2004
								•••		
315856	W-7	elbow - tee	C-F-1	CX.XX	SWI NDE-PT-1 SWI NDE-UT-16A		P057 NAD	CS CS	ISI-91C ISI-91C	10/15/2004 10/16/2004
Comments:	Pre-service to V	NO# 0303946			SWINDE-01-10A	01 2004	0000 NAD	03	131-910	10/10/2004
315857	W-8	PIPE TO VALVE(CS-16)	C-F-1	CX.XX	SWI NDE-UT-16A	UT 2004	U051 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to V	NO# 0303946			SWI NDE-PT-1	PT 2004	P059 NAD	CS	ISI-91C	10/16/2004
245962			054	<u> </u>		UT 0004		00	101.04.0	40/46/2004
315862	W-13	elbow - tee	C-F-1	CX.XX	SWI NDE-UT-16A SWI NDE-PT-1		0048 NAD P053 NAD	CS CS	ISI-91C ISI-91C	10/16/2004 9/27/2004
Comments:	Pre-service exa	m to WO# 0303946				11 2004		00	101-010	5/2/12004
315863	W-14	PIPE TO VALVE(CS-17)	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004	P054 NAD	cs	ISI-91C	10/14/2004
					SWI NDE-UT-16A	UT 2004	U049 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to V	NO# 0303946								
315866 Comments:	H-1 Pre-service to V	Single Rigid Base NO# 0303946	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004	V156 NAD	CS	ISI-91C	10/23/2004
315867 Comments:	H-2 Pre-service exa	Single Rigid Base Im to WO# 0303946	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004	V153 NAD	CS	ISI-91C	10/16/2004
315868	H-1	CS Pump 11 Support A	F-A	F1.40	SWI NDE-VT-2.0	VT 2004	V168 NAD	cs	ISI-90A	11/3/2004

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089

Plant Unit: 1

Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	thod/Sheet/R	lesults	System	ISO Num	Exam Date
	-			-	SWI NDE-VT-2.0	VT	2004V055 NA	D	CS	ISI-90A	9/27/2004
Comments:	2004V055 for IS	I on 9/27/04. 2004V168 as pre-service to WO#	0303949 on 1	1/3/05.							
315869	H-2	CS Pump 11 Support B	F-A	F1.40	SWI NDE-VT-2.0	vτ	2004V054 NA	D	cs	ISI-90A	9/27/2004
•		· · ·			SWI NDE-VT-2.0	VΤ	2004V169 NA	D	CS	ISI-90A	11/3/2004
Comments:	2004V054 was o	completed for ISI credit on 9/27/04. 2004V169 w	vas completed	l 11/3/04 a	s pre-service to WO	# 030	3949				
315870	H-1	CS Pump 12 Support A	F-A	F1.40	SWI NDE-VT-2.0	vτ	2004V170 NA	D	cs	ISI-90B	11/3/2004
Comments:	Pre-service to W	VO# 0303949		·							
315871	H-2	CS Pump 12 Support B	F-A	F1.40	SWI NDE-VT-2.0	vτ	2004V171 NA	D	cs	ISI-90B	11/3/2004
Comments:	Pre-service to W	VO# 0303949			. · · .		· '				
315933	H-2	Seismic Restraint	F-A	F1.20a	SWI NDE-VT-2.0	vτ	2004V031 NA	D	RH	ISI-55A	9/21/2004
315936	H-1	Single Spring Base Support	F-A	F1.20c	SWI NDE-VT-2.0	VT			RH	IS1-55C	9/27/2004
315941	Н-3	Anchor	F-A	F1.20b	SWI NDE-VT-2.0	VT	2004V053 NA	D	RH	IS1-55D	9/27/2004
315980	H-2	Single Spring Hanger	F-A	F1.20c	SWI NDE-VT-2.0	VT	2004V056 NA	D	CS	ISI-91A	9/27/2004
321643	H-5/IA	Int. Attach[SUPPORT BRACKET-CV-31099]	C-C	C3.40	SWI NDE-MT-1	мт	2004M007 NA	٩D	MS	IS1-68B	9/28/2004
322967	H-2B	Snubber B	F-A	F1.20c	SWI NDE-VT-2.0	VΤ	2004V007 NA	D	MS	ISI-51C	5/28/2004
Comments:	Pre-service to W	VO# 0200344			•						
325254	H-3/IA	Int. Attach[Double Spring Hanger]	C-C	C3.20	SWI NDE-PT-1	PT	2004P029 NA	D	SI	ISI-98A	9/20/2004
325255	H-4/IA	Int. Attach[FLOOR RESTRAINT]	C-C	C3.20	SWI NDE-PT-1	PT			SI	ISI-98A	9/17/2004
325933	H-2/IA	Int. Attach[Seismic Restraint]	C-C	C3.20	SWI NDE-PT-1	PT	•		RH	ISI-55A	9/21/2004
390104	H-17	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT	2004V206 NA	D	SG ·	ISI-43C	11/10/2004
Comments:	Pre-service to W	/O# 0310431									
390105	H-18	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	vт	2004V207 NA	D	SG	ISI-43C	11/10/2004
Comments:	Pre-service to W	/O# 0310431									
390106	H-19	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	νī	2004V208 NAI	D	SG	ISI-43C	11/10/2004
Comments:	Pre-service to W										
390107	H-20	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	vт	2004V209 NAI	D	SG	ISI-43C	11/10/2004
Comments:	Pre-service to W	/O# 0310431									
390108	H-17	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	vт	2004V210 NAI	D	SG	ISI-43D	11/10/2004

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No	. Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service to \	NO# 0310432							
390109 Comments:	H-18 Pre-service to \	Support Rod WO# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V211 NAD	SG	ISI-43D	11/10/2004
390110 Comments:	H-19 Pre-service to \	Support Rod WO# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V212 NAD	SG	ISI-43D	11/10/2004
390111 Comments:	H-20 Pre-service to \	Support Rod WO# 0310432	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V213 NAD	SG	ISI-43D	11/10/2004
390123 Comments:	W-3 Pre-service to \	Tubesheet - Shell WO# 0310231	C-A	C1.30	SWI NDE-UT-3	UT 2004U087 NAD	SG	ISI-43E	11/8/2004
390128 Comments:	W-8 Pre-service to \	Top Head - Head WO# 0310231	C-A	C1.20	SWI NDE-UT-3	UT 2004U086 NAD	SG	ISI-43E	11/8/2004
390129	N-1	Nozzle - Shell	C-B	C2.21	SWI NDE-UT-3 MT-Vendor	UT 2004U091 NAD MT 2004VE012 NAD	SG SG	ISI-43E ISI-43E	11/8/2004 11/8/2004
Comments:	Pre-service to \	WO# 0310231							
390130 Comments:	N1-IR Pre-service to \	Nozzle Inner Radius WO# 0310231	C-B	C2.22	SWI NDE-UT-8	UT 2004U089 NAD	SG	ISI-43E	11/8/2004
390143 Comments:	W-3 Pre-service to \	Lower Shell - Tubesheet WO# 0310231	C-A	C1.30	SWI NDE-UT-3	UT 2004U088 NAD	SG	ISI-43F	11/8/2004
390148 Comments:	W-8 Pre-service to \	Top Head - Shell WO# 0310231	C-A	C1.20	SWI NDE-UT-3	UT 2004U085 NAD	SG	ISI-43F	11/8/2004
390149	N-1	Nozzie - Shell	C-B	C2.21	SWI NDE-UT-3 MT-Vendor	UT 2004U092 NAD MT 2004VE007 NAD	SG SG	ISI-43F ISI-43F	11/8/2004 11/7/2004
Comments:	Pre-service to \	WO# 0310231							
390150 Comments:	N-1IR Pre-service to \	Nozzle Inner Radius WO# 0310231	C-B	C2.22	SWI NDE-UT-8	UT 2004U090 NAD	SG	ISI-43F	11/8/2004
390170	W-2ALSDU	Pipe - Pipe	C-F-2	C5.50	SWI NDE-UT-1A MT-Vendor	UT 2004U076 GEO MT 2004VE024 NAD	MS MS	ISI-51A ISI-51A	11/1/2004 10/31/2004

Section 3. ISI Examinations

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089

Plant Unit: 1

Owner: Xcel Energy Operated by: Nuclear Management Company

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Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	ethod/Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service to V	VO# 0310229								
390171	W-2ALSDU	Pipe - Pipe	C-F-2	C5.50	SWI NDE-UT-1A	UT	2004U072 NAD	MS	ISI-68A	10/30/2004
		- 			MT-Vendor	МТ	2004VE026 NAD	MS	ISI-68A	10/29/2004
Comments:	Pre-service to V	VO# 0310229								
390975	W-7A	tee - pipe	C-F-1	CX.XX	SWI NDE-UT-16A	UT	2004U005 NAD	cs	ISI-91C	9/18/2004
					SWI NDE-PT-1	PT	2004P022 NAD 1	CS	ISI-91C	9/18/2004
Comments:	Pre-service to V	VO# 0303946								
390976	W-17	pipe - tee	C-F-1	CX.XX	SWI NDE-PT-1	РТ	2004P023 NAD	cs	ISI-91C	9/18/2004
		and a second			SWI NDE-UT-16A	UT	2004U006 NAD	CS	ISI-91C	9/19/2004
Comments:	Pre-service to V	VO# 0303946		•	•				·	
390977	W-18	valve - pipe	C-F-1	CX.XX	SWI NDE-UT-16A	UT	2004U052 NAD	CS	ISI-91C	10/16/2004
·				•	SWI NDE-PT-1		2004P058 NAD	ĊS	ISI-91C	10/14/2004
Comments:		m to WO# 0303946. UT examination co or the 3rd Interval Plan); however, the site a 4th Interval.								
390978	W-13A	tee - pipe	C-F-1	CX.XX	SWI NDE-UT-16A	UT	2004U002 NAD	CS	ISI-91C	9/19/2004
Comments:	Pre-service to V	VO# 0303946			SWI NDE-PT-1	PT	2004P021 NAD	CS	ISI-91C	9/18/2004
,		•								
390979	W-19	pipe - tee	C-F-1	CX.XX	SWI NDE-PT-1	PT	2004P020 NAD	CS	ISI-91C	9/18/2004
Comments:	Pre-service to V	VO# 0303946			SWI NDE-UT-16A	UT	2004U004 NAD	CS	ISI-91C	9/19/2004
	4.	, ,								
390980	W-20	valve - pipe	C-F-1	CX.XX	SWI NDE-UT-16A	UT	2004U045 NAD	CS	ISI-91C	10/16/2004
		· · · ·			SWI NDE-PT-1		2004P052 NAD	CS	ISI-91C	9/24/2004
Comments:	Pre-service exa (current Code for RI-ISI during the	m to WO# 0303946. UT examination cor or the 3rd Interval Plan); however, the site a 4th Interval.	verage limited to 50% chose to perform a p	due to co re-service	nfiguration. Componered examination since the second second second second second second second second second se	ent e he Cl	exempt from the requirer lass 2 thin wall piping be	nents of ASN comes in sco	E Section XI, 1	989 Edition Dementation of
390981	W-5A	Pipe - Pipe	C-F-1	CX.XX	SWI NDE-PT-1	PT.	2004P055 NAD	CS	ISI-91C	10/15/2004
					SWI NDE-UT-16A	UT	2004U047 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to V	VO# 0303946	- . ,						•	
392104	H-17/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	мт	2004VE013 NAD	SG	ISI-43C	11/8/2004

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service to V	VO# 0310431	·	<u> </u>	· · ·				
392105 Comments:	H-18/IA Pre-service to V	Int. Attach. (Support Rod) VO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE014 NAD	SG	ISI-43C	11/8/2004
392106 Comments:	H-19/IA Pre-service to V	Int. Attach. (Support Rod) VO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE015 NAD	SG .	ISI-43C	11/8/2004
392107 Comments:	H-20/IA Pre-service to V	Int. Attach. (Support Rod) VO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE016 NAD	SG	ISI-43C	11/8/2004
392108 Comments:	H-17/IA Pre-service exa	Int. Attach. (Support Rod) m to WO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE008 NAD	SG	ISI-43D	11/7/2004
392109 Comments:	H-18/IA Pre-service exa	Int. Attach. (Support Rod) m to WO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE009 NAD	SG	ISI-43D	11/7/2004
392110 Comments:	H-19/IA Pre-service exa	Int. Attach. (Support Rod) m to WO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE010 NAD	SG	ISI-43D	11/7/2004
392111 Comments:	H-20/IA Pre-service to V	Int. Attach. (Support Rod) VO# 0310431	C-C	C3.10	MT-Vendor	MT 2004VE011 NAD	SG	ISI-43D	11/7/2004
						•			
Class 3 301051	H-1	Support A	F-A	F1.40	SWINDE-VT-20	VT 2004V034 NAD	AF	ND-1-3-253A	9/21/2004
301052	H-2	Support B	F-A	F1.40	SWI NDE-VT-2.0		AF	ND-1-3-253A	9/21/2004
301080	H-1	Support A	F-A	F1.40	SWI NDE-VT-2.0		CC	ND-1-3-216A	10/5/2004
301081	H-2	Support B	F-A	F1.40		VT 2004V084 NAD	cc	ND-1-3-216A	10/5/2004
301104	H-1	Support A	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V081 NAD	сс	ND-1-3-216B	10/5/2004
301106	H-2	Support B	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V082 NAD	сс	ND-1-3-216B	10/5/2004
301115	H-1	Support A	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V110 NAD	CW	ND-1-3-15C	10/6/2004
312351	CWH-502	Rigid Hanger	F-A	F1.30a	SWI NDE-VT-2.0	VT 2004V155 NAD	CW	ND-1-3-15	10/19/2004
					SWI NDE-VT-2.0	VT 2004V091 IND	CW	ND-1-3-15	10/6/2004
Comments:	2004V091 indic	ated CWH-502 carries no load. WO# 0408117 r	estored the su	pport to its	original configuration	on. CAP039255 & CAP03935	1.		
312352	CWH-515	Sway Strut	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V150 NAD	cw	ND-1-3-15	10/8/2004

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Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089

Plant Unit: 1

Owner: Xcel Energy

Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Expanded scope	e from Summary No. 312409.			· · ·	······			
312353 Comments:	CWH-516 Expanded scope	Sway Strut from Summary No. 312409.	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V138 NAD	cw	ND-1-3-15	10/16/2004
312354 Comments:	CWH-600 Expanded scope	Restraint from Summary No. 312409.	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V142 NAD	cw	ND-1-3-16	10/16/2004
312408 Comments:		Spring from Summary No. 312409	F-A	F1.30c	SWI NDE-VT-2.0	VT 2004V158 NAD	cw	ND-1-3-15	10/15/2004
312409 Comments:		Seismic Restraint fied a loose jam nut. Initiated CAP 039254. Tigh			SWI NDE-VT-2.0 I6 and reexamined v		CW CW No. 2004V15	ND-1-3-15 ND-1-3-15 52. Expanded s	10/19/2004 10/6/2004 cope was
312410	CWH-505	I Summary Nos. 312415, 312353, 312408, 3124 Double Rod	F-A	F1.30b	SWI NDE-VT-2.0 SWI NDE-VT-2.0	VT 2004V144 NAD VT 2004V130 IND	CW CW	ND-1-3-15 ND-1-3-15	10/17/2004 10/15/2004
Comments: 312412	CWH-517	e from Summary # 312409. 2004V130 found no Strut	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V131 IND VT 2004V135 NAD	CW CW	ND-1-3-15 ND-1-3-15	10/15/2004 10/17/2004
Comments:	Expanded scope	from Summary # 312409. 2004V131 identified	loose lock nu	it. CAP039					10/17/2004
312413 312415 Comments:	CWH-525A CWH-526A Expanded scope	Floor Restraint Floor Restraint from Summary No. 312409	F-A F-A	F1.40 F1.40		VT 2004V111 NAD VT 2004V143 NAD	CW CW	ND-1-3-15 ND-1-3-15	10/6/2004 10/15/2004
312419 312465 312469 Comments:	CWH-525B CWH-210 CWH-315 Expanded scope	Floor Restraint Slide Base Strut /Clamp e from Summary No. 312409.	F-A F-A F-A	F1.40 F1.30a F1.30b	SWI NDE-VT-2.0	VT 2004V112 NAD VT 2004V101 NAD VT 2004V135 NAD	cw cw cw	ND-1-3-16 ND-1-3-23 ND-1-3-24	10/6/2004 10/6/2004 10/16/2004
312489 Comments:	CWH-311 Expanded scope	Strut /Clamp from Summary No. 312409.	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V137 NAD	cw	ND-1-3-24	10/16/2004
312633 Comments:	CWH-374 Pre-service to W	Snubber/Clamp&Lugs /O# 0200327	F-A	F1.30c	ISI-VT-2.0	VT 2004V019 NAD	cw	ND-1-3-92	1/17/2003
312654	CWH-418	Rod	F-A	F1.30a	SWI NDE-VT-2.0	VT 2004V095 NAD	cw	ND-1-3-93	10/5/2004

Plant: Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, MN 55089 Plant Unit: 1 Owner: Xcel Energy

Operated by: Nuclear Management Company

Summary No.	Comp ID	Comp Desc.	Category	ltem	Procedure	Meth	nod/Sheet	VResults	System	ISO Num	Exam Date
312655	CWH-419	Strut /Clamp	F-A	F1.30a	SWI NDE-VT-2.0	VT 2	2004V096	NAD	CW	ND-1-3-93	10/5/2004
312664	CWH-413	Strut /Clamp	F-A	F1.30a	SWI NDE-VT-2.0	VT 2	2004V093	NAD	CW	ND-1-3-94	10/5/2004
312770	CCH-194	Anchor	F-A	F1.30b	SWI NDE-VT-2.0	VT 2	2004V025	NAD	CC	ND-1-3-223	9/17/2004
312846	AFWH-24	Rod	F-A	F1.30a	SWI NDE-VT-2.0	VT 2	2004V028	NAD	AF	ND-1-3-249	9/17/2004
312892	RAFWH-101	U-Bolt/ LO CLR	F-A	F1.40	SWI NDE-VT-2.0	VT 2	2004V075	NAD	AF	ND-1-3-265B	10/4/2004
315063	CWH-901	Box Restraint	F-A	F1.30b	SWI NDE-VT-2.0	VT 2	2004V151	NAD	CW	ND-1-3-15A	10/18/2004
Comments:	Expanded scope	e from Summary No. 312409.									
321051	H-1/IA	Int. Attach[Support A]	D-A	D1.30	SWI NDE-VT-1.0	VT 2	2004V035	NAD	AF	ND-1-3-253A	9/21/2004
321052	H-2/IA	Int. Attach[Support B]	D-A	D1.30	SWI NDE-VT-1.0	VT 2	2004V036	NAD	AF	ND-1-3-253A	9/21/2004
321080	H-1/IA	Int. Attach[Support A]	D-A	D1.10	SWI NDE-VT-1.0	VT 2	2004V085	NAD	сс	ND-1-3-216A	10/5/2004
321081	H-2/IA	Int. Attach[Support B]	D-A	D1.10	SWI NDE-VT-1.0	VT 2	2004V086	NAD	CC	ND-1-3-216A	10/5/2004
321104	H-1/IA	Int. Attach[Support A]	D-A	D1.30	SWI NDE-VT-1.0	VT 2	2004V087	NAD	СС	ND-1-3-216B	10/5/2004
321106	H-2/IA	Int. Attach[Support B]	D-A	D1.30	SWI NDE-VT-1.0	VT 2	2004V088	NAD	СС	ND-1-3-216B	10/5/2004
321115	H-1/IA	Int. Attach[Support A]	D-A	D1.30	SWI NDE-VT-1.0	VT 2	2004V113	NAD	CW	ND-1-3-15C	10/6/2004
322409	CWH-504/IA	Int. Attach[Seismic Restraint]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V092	NAD	CW	ND-1-3-15	10/6/2004
322413	CWH-525A/IA	Int. Attach[Floor Restraint]	D-A	D1.10	SWI NDE-VT-1.0	VT 2	2004V114	NAD	CW	ND-1-3-15	10/6/2004
322419	CWH-525B/IA	Int. Attach[Floor Restraint]	D-A	D1.10	SWI NDE-VT-1.0	VT 2	2004V115	NAD	CW	ND-1-3-16	10/6/2004
322465	CWH-210/IA	Int. Attach[Slide Base]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V100	NAD	CW	ND-1-3-23	10/6/2004
322531	CWH-218/IA	Int. Attach[Spring]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V120	NAD	CW	ND-1-3-47	10/9/2004
322654	CWH-418/IA	Int. Attach[Rod]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V094	NAD	CW	ND-1-3-93	10/5/2004
322692	SVH-55/IA	Int. Attach[Floor Restraint]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V077	NAD	MS	ND-1-3-178	10/4/2004
322709	CCH-33/IA	Int. Attach[Double Rod]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V078	NAD	CC .	ND-1-3-218	10/4/2004
322712	CCH-36/IA	Int. Attach[Seismic Anchor]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V079	NAD	CC	ND-1-3-218	10/4/2004
322743	CCH-374/IA	Int. Attach[Strut]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V026	NAD	CC	ND-1-3-219	9/18/2004
322846	AFWH-24/IA	Int. Attach[Rod]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V024	NAD	AF	ND-1-3-249	9/18/2004
322868	AFWH-23/IA	Int. Attach[Rod]	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V023	NAD	AF	ND-1-3-251	9/18/2004
332771	CCH-298/IA	Int. Attach(Sliding Base)	D-A	D1.20	SWI NDE-VT-1.0	VT 2	2004V027	NAD	CC	ND-1-3-223	9/18/2004
Class NC											
350107	FW-118	Pipe to Pipe	HELB	USAR AI	SWI NDE-UT-1A	UT 2	2004U034	NAD	FW	ISI-HELB-1	9/28/2004
Comments:	Augmented Exa	mination									
350120	FW-167	Pipe to Pipe	HELB	USAR AI	SWI NDE-UT-1A	UT 2	2004U035	GEO	FW	ISI-HELB-2	9/28/2004
Comments:	Augmented Exa	mination									
350142	MS-19	Valve to Pipe	HELB	USAR AI	SWI NDE-UT-1A	UT 2	2004U036	GEO	MS	ISI-HELB-3	9/30/2004

NUCLEAR MANAGEMENT COMPANY PRAIRIE ISLAND UNIT 1 CYCLE 22

INSERVICE INSPECTION SUMMARY REPORT

Section 4. IWE Examinations (3 pages)

Plant Unit: 1 Owner: Xcel El Operated by: 1		anagement Company				Co	mmercial	Service Dat	thorization (If Req. te: December 16, for Unit: N/A	-	
Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Me	ethod/Shee	et/Results	System	ISO Num	Exam Date
Class MC	·	· ·					•	<u></u>			
400039 Comments:	S-38 Follow up ex	Accessible Surface Area xam previously evaluated und	E-A Ider NCR 19991	E1.12 1420. No char	SWI NDE-VT-1.1 nge from previous exam.		2004V063	IND .	PC	ISI-301	10/3/2004
400045	S-44	Accessible Surface Area	ΕA	E1.12	SWI NDE-VT-1.1	١ /T	20041/062		PC	101 204	10/2/2004
Comments:		xam previously evaluated uno	E-A Ider NCR 19991				2004V062		PU	ISI-301	10/3/2004
400046 Comments:	S-45 Follow up ex	Accessible Surface Area xam previously evaluated und	E-A Ider NCR 19991	E1.12 1420. No char	SWI NDE-VT-1.1 nge from previous exam.		2004V061	IND	PC	ISI-301	10/3/2004
	· ·										, ···
400050 Comments:	S-49 Follow up ex	Accessible Surface Area xam previously evaluated uno	E-A Ider NCR 19991		SWI NDE-VT-1.1 nge from previous exam.		2004V064	IND	PC	ISI-301	10/3/2004
400069	S-64C	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	vт	2004V202	NAD	PC	ISI-302	11/9/2004
400083	S-73 / 1	Accessible Surface Area	E-A	E1.12	SWINDE-VT-2.1		2004V202 2004V070		PC	ISI-302	10/4/2004
400084	S-73A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1		2004V073		PC	ISI-304	10/4/2004
400085	S-74	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1		2004V071		PC	ISI-304	10/4/2004
400122	S-99	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1		2004V195		PC	ISI-309	11/9/2004
400264 Comments:	C1 Evaluated ur	Accessible Surface Area Inder CAP09736	E-A	E1.12	SWI NDE-VT-2.1	VT	2004V066	IND	PC	ISI-304	10/4/2004
·				<u>.</u>		_					
400270 Comments:	C6B Evaluated ur	Accessible Surface Area Inder CAP039736	E-A	E1.12	SWI NDE-VT-2.1	VT	2004V103	IND	PC	ISI-305	10/6/2004
100000	040	A the Cuntage Area	~ •	-4 40		۲				101.007	1011/0004
400283 400347	C16 C45	Accessible Surface Area Accessible Surface Area	E-A E-A	E1.12 E1.12	SWI NDE-VT-2.1		2004V072		PC	ISI-304	10/4/2004
400347 400355 Comments:	C49A	Accessible Surface Area nder CAP039736	E-A E-A	E1.12 E1.12	SWI NDE-VT-2.1 SWI NDE-VT-2.1		2004∨069 2004∨067		PC PC	ISI-304 ISI-304	10/4/2004 10/4/2004
400356	C49B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	· \/T	2004V074		PC	101 204	4014/2004
400358	G67	Moisture Barrier	E-A E-D	E1.12 E5.30	SWINDE-VT-2.1 SWINDE-VT-2.1		2004V074 2004V198		PC PC	ISI-304 ISI-303	10/4/2004
		Wolstore Damer	C-0	LJ.JU	SWINDE-VT-2.1		2004V198 2004V218		PC	ISI-303	11/9/2004 11/13/2004
100470	G70	Moisture Barrier	E-D	E5.30	SWINDE-VT-2.1		2004V210		PC	ISI-303	11/9/2004
	-				SWINDE-VT-2.1		2004V137		PC	ISI-303	11/13/2004
405534 Comments:	C3 Folloẁ up ex	Accessible Surface Area xam previously evaluated unc	E-A der NCR 199914	E1.12 I420. No chan	SWI NDE-VT-1.1	VΤ	2004V105		PC	ISI-305	10/6/2004
105576	C34D	Accessible Surface Area		E1.12	SWI NDE-VT-1.1		2004V106		PC	ISI-305	10/6/2004

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Plant Unit: 1 Owner: Xcel E	nergy	ear Generating Plant, 17 anagement Company	717 Wakona	ons 089 Owner Certificate of Authorization (If Req.): N/A Commercial Service Date: December 16, 1973 National Board Number for Unit: N/A						
Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date	
Comments:		xam. No change from previo	¥/_							
405587 Comments:	C36E Follow up e	Accessible Surface Area xam previously evaluated un	E-A der NCR 19991	E1.12 420. No chang	SWI NDE-VT-1.1 e from previous exam.	VT 2004V107 IND	PC	ISI-305	10/6/2004	
405608	C42A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V098 NAD	PC	ISI-304	10/4/2004	
405611	C42D	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V104 NAD	PC	ISI-305	11/2/2004	
405614	C42F	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V154 NAD	PC	ISI-307	10/11/2004	
405626	C46A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V125 IND	PC	ISI-307	10/9/2004	
Comments:	Follow up e	xam previously evaluated un	der NCR 19991	420. No chang	e from previous exam.	,				
405630	C60	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V201 NAD	PC	ISI-302	11/9/2004	
405644	S-68	Accessible Suface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V010 NAD	PC	ISI-303	9/1/2004	
					SWI NDE-UT-10	UT 2004U001 NAD	PC	ISI-303	9/1/2004	
Comments:	Normally in:	accessible area made acces	sible for special	l inspection.						
405652	G32	Moist Barrier	E-D	E5.30	SWI NDE-VT-2.1	VT · 2004V200 IND	PC	ISI-301	11/9/2004	
					SWI NDE-VT-2.1	VT 2004V220 NAD	PC	ISI-301	11/13/2004	
405663	G65	Moist Barrier	E-D	E5.30	SWI NDE-VT-2.1	VT 2004V226 NAD	PC	ISI-302	11/16/2004	
					SWI NDE-VT-2.1	VT 2004V199 IND	PC	ISI-302	11/9/2004	
405665	G68	Moist Barrier	E-D	E5.30	SWI NDE-VT-2.1	VT 2004V068 IND	PC	ISI-303	9/23/2004	
·					SWI NDE-VT-2.1	VT 2004V166 NAD	PC ·	ISI-303	11/2/2004 ′	
405666	G71	Moist Barrier	E-D	E5.30	SWI NDE-VT-2.1	VT 2004V196 IND	PC	ISI-303	11/9/2004	
					SWI NDE-VT-2.1	VT 2004V221 NAD	PC	ISI-303	11/13/2004	
406023	C37A	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U037 NAD	PC	ISI-307	10/11/2004	
406024	C37B	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U038 NAD	PC	ISI-307	10/11/2004	
406025	C37C	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U039 NAD	PC	ISI-305	10/11/2004	
406026	C37D	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U040 NAD	PC	ISI-305	10/11/2004	
406027	C38A	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U041 NAD	PC	ISI-307	10/11/2004	
406028	C38B	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U042 NAD	PC	ISI-307	10/11/2004	
406029	C38C	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U043 NAD	PC	ISI-305	10/11/2004	
406030	C38D	Accessible Surface Areas	E-C	E4.12	SWI NDE-UT-10	UT 2004U044 NAD	PC	ISI-305	10/11/2004 .	

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NUCLEAR MANAGEMENT COMPANY PRAIRIE ISLAND UNIT 1 CYCLE 22

INSERVICE INSPECTION SUMMARY REPORT

Section 5. Pressure Tests

The following scheduled pressure tests were conducted during unit 1 cycle 22. All indications of leakage were evaluated and corrective measures performed as required by IWB-3142 and IWA-5250.

SYSTEM	CATEGORY/ ITEM	PROCEDURE	ASME XI CODE CLASS	WORK ORDER	
Reactor Coolant	B-P/ B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, B15.70	SP 1070	1	0305162	11/22/2004
Reactor Coolant	B-P/ B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, B15.70	SP 1392	1	0305295	11/22/2004
Caustic Addition	D-B/ D2.10	SP 1168.7	3	0200239	12/3/2003
Cooling Water	C-H/ All	SP 1168.8	2	0200240	11/20/2003
Cooling Water Auxiliary	D-B/ All	SP 1168.8A	3	0200241	12/11/2003
Control Room Chilled Water	D-B/ All	SP 1168.9	3	0200242	4/25/2003
Safety Injection	C-H/ All	SP 1168.13	2	0200223	3/15/2003
Chemical & Volume Control	C-H/ All	SP 1168.16	2	0200227	6/2/2003
Feedwater	C-H/ All	SP 1168.17	2	0200228	1/2/2003
BAST	C-H/ All	SP 1168.21	2	0200230	12/10/2004

Five class 2 component were accepted by analytical evaluation as allowed by ASME Section XI IWB-3142.4. These evaluations are submitted below as required by subparagraph IWB-3144(b).

SP 1168.10, Class 2 Component (CE 001599) IWB-3142.4 Acceptance by Analytical Evaluation

The purpose of this evaluation is to address leakage through the body to cap gasket area of check valve RH-3-1. RH-3-1 is the check valve to the suction of 12 RHR pump from the RCS hot legs. During the phase II cooldown, it was noted that there was slight weepage at this location. Due to plant conditions, the valve was not repaired during the outage. However, the carbon steel studs and nuts were replaced with stainless steel per EEC 1190 and Work Order 0211382.

To evaluate the acceptability of operating during the next cycle with this leakage this evaluation looks at expected plant conditions (normal, transient and post-accident) and evaluates the affect from potential leakage.

Expected Conditions:

RH-3-1 could be exposed to the following conditions during normal operations and transient or post-accident conditions:

Normal Operation:

During cooldown and heat-up operations, the RHR loop is operated at a RCS pressure less than 425 psig and temperature less than 350°F. This check valve is directly in this flow path and could be exposed to these conditions. The actual pressure conditions at the check valve are the sum of the RCS pressure plus the static head between the RCS and the valve (less than 100 feet assuming the pressurizer is water solid). Therefore, the total pressure at the valve would be less than 475 psig. This condition would only exist for a short time period at the most on the order of several hours. During this time frame, the concern for leakage through this valve gasket area would be lost inventory.

Transient Operation:

This only discusses system transient operation and not plant transient operation. Plant transient operation is discussed in the post-accident condition discussion. Transient conditions could be overpressure or over temperature conditions. For overpressure conditions, system pressure is limited to the setpoint (plus accumulation) for relief valve RH-8-1. This pressure condition would be for a very short time period as valves MV-32164, 32165, 32230 and 32231 would close at a pressure of 425 psig. Note that the valve (including studs) is designed for these overpressure conditions. The concern would only be increased leakage through the gasket area during this short time period. The concern for leakage would be lost inventory.

Post-Accident Operation:

During a SGTR (ES 3.1, 3.2, 3.3) or small break LOCA (ES 1.1), the RHR system could be used to complete the cooldown of the unit. The conditions that RH-3-1 would be exposed to are bounded by those during a normal cooldown operation. This would also be applicable to transients such as an Appendix R fire or a seismic event or any other event that required the unit to be taken to cold shutdown. During this time frame, the concern for leakage through this valve gasket area would be lost inventory.

During post-LOCA recirculation, RH-3-1 is exposed to the sump fluid. The limiting pressure during this operation is design containment pressure of 46 psig plus the static head difference between the sump liquid and the valve (no more than 40 feet = 17 psig). Thus, a bounding pressure would be 63 psig. Leakage through this gasket area during this recirculation operation could affect off-site and control room personnel dose.

Leakage acceptance criteria:

Per SP 1082, this valve is leak tested with the remainder of the RHR recirculation loop. The total leakage from this SP is included with total leakage from the CS and the SI systems. The acceptance criteria for this combined total leakage is 2 gph. SP 1082 is performed with the RCS pressurized to 350 psig. This testing is discussed in program procedure H31 and is to meet a NRC commitment. As discussed above, this pressure is very conservative as the maximum pressure at the valve during post-LOCA recirculation system is 63 psig. Assuming that a correction of the flow being proportional to the square root of the pressure would mean

that 2 gph at 63 psig is equivalent to 4.7 gph at 350 psig. As noted previously, leakage during post-LOCA recirculation operation affects off-site and control room personnel dose. Per NUREG 0578, the dose analysis uses this as an input to determine accident consequences.

The 2 gph leakage acceptance criteria will bound any leakage considerations for any (normal or post-accident) phase II cooldown. That is, at 2 gph for a few hours (at most), the inventory lost is negligible. Note that the make-up capability of a single charging pump is 60 gpm; so make-up for the lost inventory is not an issue. For example, assume the valve leaks at this rate for one week (a very conservative time duration). This would correspond to 2 gph * 24 hour * 7 days = 336 gallons. This is not a concern from a make-up capability or flooding concern. Note that this assumes that the 2 gph is from this valve entirely and the remainder of the recirculation system has zero leakage. In actual operation, the leakage criteria for the valve is the difference between the 2 gph and the total system leakage.

During normal power operation, the pressure on the valve is due to static head difference between the height of water in the RWST and the valve. At minimum water level in RWST, this height difference is approximately 75 feet (32 psig). Thus, assuming a constant leakage hole size, the 2 gph leakage at 350 psig corresponds to a maximum allowable leakage criteria of 0.18 gph at normal full power operation. This will be factored into a periodic check (starting out more frequent with the frequency extending to monthly, if possible) during normal operation. This check is a good idea to detect gross leakage and to clean-up any boric acid; however, it is not a completely valid predictor of leakage under post accident conditions as there is no thermal component. Note that this assumes that the 2 gph is from this valve entirely and the remainder of the recirculation system has zero leakage. In actual operation, the leakage criteria for the valve is the difference between the 2 gph and the total system leakage.

The other concern is the affect that boric acid could have on the check valve. The check valve body and cap are stainless steel and stainless steel studs and nuts have been installed this outage per EEC 1195 and WO0211382. Per Procedure H2 and EPRI 1000975 stainless steel is very resistant to corrosion from boric acid at low concentrations (less than 10% per procedure H2). Even at boric acid high concentrations, stainless steel does not rapidly corrode. For example, per H2, Attachment 1, at 300°F and 30 percent concentration, the expected wastage is estimated at 2 mils/year. The boric acid in the RHR system is no higher that 2% (~3500 ppm) based on maximum RWST boric acid concentration. Thus, even with a leakage, there is no significant risk of degradation of the studs, nuts, valve body or cap that would result in a challenge to structural integrity.

The other potential concern is the leakage of boric acid on other equipment. A walkdown was performed to identify any components that such leakage could affect. This small amount of leakage through the cap joint area would run around the pipe and drip down from the pipe. As shown in the attached pictures, there are very few items in the vicinity of the check valve. Furthermore, as shown there are no items of concern directly below the check valve that could be affected by small amounts of boric acid leakage. Therefore, this is not a significant concern either.

Conclusion:

Based on the above discussion, it is acceptable to defer the repair of a small amount of leakage from check valve RH-3-1 provided the following actions are taken:

- 1. Leakage from the valve is observed with RCS pressure at approximately 350 psig and the leakage is totaled with the other recirculation system leakages and the total is verified to be less than 2 gph.
- A periodic check is established during normal operation to verify that the leak rate has not increased. The frequency for this periodic check should initially be shorter (i.e., weekly). Based on observed (e.g., no leakage or very slight leakage), it could be extended to monthly checks.

SP 1168.21, Class 2 Component (CAP 040187) IWB-3142.4 Acceptance by Analytical Evaluation

Description

During the performance of SP 1168.21, the Boric Acid Storage Tank (BAST) System Pressure Test, on 12/10/04 per WO# 0200230 four (4) relevant boric acid indications were noted as follows:

- BA on the discharge flange area of the 11 Boric Acid Transfer Pump (BATP). This leak appeared to originate from a tube fitting cap on the pump case and propagated up to barely contact the pump discharge flange bolting. There were no signs of discharge flange leakage. This leak is dry and appears to be inactive. WRC# A71433 was initiated to clean BA, repair the fitting, and VT-3 the bolting. [update: WO 0201617 replaced fitting – 1/28/05]
- 2) BA on the suction side of the 12 BATP case and suction drain valve body, VC-15-154. This leak appeared to originated from a tube fitting cap on the pump case and wicked down the pump case to the drain valve. This leak is dry and appears to be inactive. WRC# A71434 was initiated to clean BA, repair the fitting, and inspect the suction gasket. [update: WO 0409745 repaired the cap – 1/18/05]
- 3) BA on the bonnet of VC-15-156. This BA is from a SS tube fitting leak above the subject valve (non-Code tubing). The valve itself does not appear to have a leak. The BA is dry and crystalline. WRC# A71443 was initiated to clean the BA and repair the tubing above. [update: WO 0409744 replaced valve 1/18/05]
- 4) BA on the body of the 2PI-108 isolation valve, 21 BA filter inlet. The valve diaphragm appears to be the source of this minor leak. The leak is dry and appears to be inactive. WRC# A73709 was initiated to clean the BA, tighten the bonnet nuts, or replace the diaphragm.

There are no signs or corrosion products or loss of pressure retaining wall thickness.

Evaluation

All of these affected components are constructed from non-susceptible materials such as 304 SS, 316 SS, etc. They are all heat traced, so the nominal surface temperature is about 175F. They are all exposed to the atmosphere, so oxygen is present with the crystalline BA and oxygen would be present if the leaks become active (wet).

INSERVICE INSPECTION SUMMARY REPORT

Per EPRI Technical Report 1000975, Boric Acid Corrosion Guidebook, Revision 1, for various test scenarios and conditions "...corrosion rates for the stainless steel materials were all negligible." This is stated several times in section 4 of the report.

The operating and BA exposure conditions of the above components are similar to the conditions described in the EPRI report and will result in negligible corrosion rates. Based upon these similarities and past operating experience at PI with the BAST/BATP equipment, it is a reasonable expectation that the current conditions are acceptable until such time that repairs are implemented per the referenced WRCs.

INSERVICE INSPECTION SUMMARY REPORT

Section 6. Snubber Inservice Testing and Preservice Examinations

Inspection results showed no visual snubber failures. All snubbers that underwent functional testing had satisfactory results, therefore no scope expansion was required.

SNUBBER #	PI # REMOVED	FUNCTIONAL TEST WO AS FOUND	FUNCTIONAL TEST RESULTS	PI# REPLACED	PREINSTALLATION TEST WO	VT-3 EXAM WO
1-RLWDH- 2242	PI-396	306999	SAT	P1-526	306999	309300
1-RLWDH- 2243	PI-92	306999	SAT	PI-265	306998	309301
1-RCVCH-1457	PI-251	306999	SAT	PI-289	306998	309292
1-RHCH=14	PI-267	306999	SAT	PI-109	306998	309298
1-RCRH-34	PI-535	306999	SAT	PI-365	306998	310022
1-RBDH-389	PI-4	306999	SAT	PI-159	306998	309282
1-RBDH-388	PI-168	306999	SAT	PI-287	306998	309281
1-RBDH-415	PI-345	306999	SAT	PI-78	306998	309283
1-RCCH-375	PI-447	306999	SAT	PI-218	306998	309284
1-RCRH-12B	PI-27	306999	SAT	PI-280	306998	309285
1-RCRH-21	PI-250	306999	SAT	PI-310	306998	309286
1-RCRH-23A	PI-30	306999	SAT	PI-281	306998	309287
1-RCRH-5B	PI-26	306999	SAT	PI-247	306998	309288
1-RCSH-83A	PI-46	306999	SAT	Pl-313	306998	309289
1-RCSH-83B	PI-22	306999	SAT	PI-42	306998	309290
1-RCVCH-1483	PI-191	306999	SAT	PI-180	306998	309293
1-RCVCR-1484	PI-253	306999	SAT	PI-214	306998	309294
1-RCVCH-1871	PI-40	306999	SAT	PI-412	306998	309295
1-RCVCH- 907A	PI-296	306999	SAT	PI-399	306998	309296
1-RCVCH- 907B	PI-131	306999	SAT	PI-110	306998	309297
1-RHCH-15	PI-554	306999	SAT	PI-261	306998	309299
1-RPCH-121	PI-375	306999	SAT	PI-386	306998	309302
1-RPCH-139	PI-108	306999	SAT	PI-239	306998	309303
1-RPCH-140	PI-417	306999	SAT	PI-195	306998	309304
1-RPCH-160	PI-327	306999	SAT	PI-521	306998	0309305
1-RPCH-23	Pl-343	306999	SAT	PI-385	306998	309306
1-SIRH-23A	PI-81	306999	SAT	PI-5	306998	309307

INSERVICE INSPECTION SUMMARY REPORT

SNUBBER #	PI# REMOVED	FUNCTIONAL TEST WO AS FOUND		PI# REPLACED	PREINSTALLATION TEST WO	VT-3 EXAM WO
1-WDRH-29A	PI-94	306999	SAT	PI-377	306998	309308
1-WDRH-29B	PI-532	306999	SAT	PI-382	306998	309309
1-WDRH-35	PI-364	306999	SAT	PI-415	306998	309310
1-RCRH-27A	PI-50	306999	SAT	P1-536	306998	310023
1-RCRH-27B	PI-583	306999	SAT	P1-493	306998	310024
1-RCRH-51	PI-337	306999	SAT	PI-35	306998	310025
1-RCRH-52	PI-136	306999	SAT	PI-572	306998	310026
1-RCRH-48A	PI-564	407300	SAT	PI-564	306998	407300
1-MSH-68A	PI-531	407307	SAT	PI-531	306998	407307
11S/G01	SG20	309311	SAT	SG15	309185	309311
12S/G01	SG04	309378	SAT	SG18	211888	309378

Section 7. Steam Generator Eddy Current Examination Results

During the refueling outage, 11 and 12 steam generators were replaced. The steam generator tube preservice inspections were completed by Framatome ANP in December of 2003 and January of 2004 and have been included in this report.

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Signature Date 02/13/04 Signature Date 02/13/04
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Reviewer is Independent.
Remarks:
This document presents a textual synopsis describing the various eddy current examinations that comprised the pre-service baseline inspection of the Prairie Island Unit 1 replacement steam generators which occurred in December 2003/January 2004, and the results thereof.

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1.0 Introduction

The Prairie Island Nuclear Generating Plant, located near Red Wing, Minnesota, is owned by Xcel Energy and operated by Nuclear Management Company (NMC). Replacement steam generators for Unit 1, in operation since 1973, have been purchased and a pre-service baseline eddy current examination was performed by Framatome ANP in Chalon, France. This report summarizes the results of that examination. The table and figures included in this report summarize the examinations performed in each steam generator and the results thereof. Specific tube information and results are found within the full report of which this technical summary is a part.

2.0 Component Description

Prairie Island Unit 1 will operate two Framatome ANP Model 56/19 recirculating steam generators designated as S/G 11 and S/G 12. Each contains a bundle of 4,868 U-bend tubes arranged into 55 rows and 114 columns. The tubing is made of Inconel 690 thermally treated alloy. The design dimensions of all tubing are of 0.750" nominal outside diameter and 0.043" nominal wall thickness. The tubes are supported by eight alloy 410 stainless steel quatrefoil-hole tube support plates measuring 1.18" in thickness. Tubes intersect up to nine alloy 405 alloy anti-vibration bars (AVB) that are located in the U-bend region of the generators. Tubing U-bend radii range from 2.700" (Row 1) to 58.995" (Row 55). Tube pitch is 1.0425" and square. The tubesheets measure 21.835" in thickness. The tubes are hydraulically expanded throughout the entire tubesheet depth.

3.0 Scope

The examination scope is summarized in the table below. The totals include neither redundant tube examinations nor inadvertent ("out of scope") tests. With the exception of eight tubes, the pre-service rotating coil inspection for Rows 1-9 U-bend regions was performed in July of 2002 at Gävle, Sweden and is not discussed in this summary (see the reference in Section 7.4, below). A discussion for each steam generator follows in Section 5, below.

Examination Technique	Leg	Probe	Extent	S/G 11	S/G 12
Bobbin Probe					
Single-pass full length	Hot	610UL	ТЕСТЕН	225	982
Single-pass full length	Cold	610UL	TEHTEC	4187	3430
Multiple-pass full length	both	610UL	various	456	456
(Total)	1	••		4868	4868
Rotating Probe			<u> </u>	<u> </u>	
H/L TTS (+3"/-3")	Hot	610PP	TSHTSH	4868	4868
C/L TTS (+3"/-3")	Cold	610PP	TSCTSC	4868	4868
Rows 1-9 U-bend*	Hot	560PP	08H08C	4	4
Special Interest†	both	various	various	331	517

* Total tubes requiring examination were 1022 in each steam generator; all but those listed here were tested during a previous inspection.
 † Based upon location and signal character, either 610PP, 600MB, or 560PP was used. Special interest locations examined within the other RPC test programs are not included in the total.

4.0 Methodology

The examinations, personnel, and equipment were in compliance with the requirements of the Framatome ANP, Incorporated (FANP) Quality Assurance Manual, the 1989 Edition of Section XI of the ASME Boiler and Pressure Vessel Code (no addenda), the documents referenced in Section 7.1 through 7.3, below, the applicable customer technical specifications, and industry standards. A site specific eddy current procedure (referenced in Section 7.1, below) including Examination Technique Specification Sheets (ETSSs) were developed by FANP and reviewed and approved by the utility.

Technicians qualified to either Level I or Level II performed the steam generator tubing examinations. Personnel qualified to a minimum of Level IIA evaluated the data. Personnel qualified to Level III performed the resolution process.

All of the Level IIA and Level III data analysis personnel were QDA-qualified in accordance with Appendix G of the EPRI PWR Steam Generator Guidelines, revision 6 (referenced in Section 7.3, below). The data analysts attended site-specific analysis guidelines training and were qualified using site-specific written and practical examinations prior to the commencement of the examinations.

All examination data underwent two separate analyses. The analyses remained independent of one another and were referred to as "primary" and "secondary" analysis. To maintain independence, analysts of the two parties worked in separate data rooms. The primary party analysis was performed by manual review of the data; the secondary party analysis utilized computer software to initially screen the data, followed by manual review and editing. The computer screening parameters used during the inspection are discussed in the document referenced in Section 7.2, below. The results of these two evaluations were compared and the discrepancies resolved in accordance with the eddy current procedure.

An independent Level III/QDA analyst monitored the analysis process, including the review of all indications reported by an analyst that were deleted during resolution.

The final results of the data analysis were retrieved by data management personnel and loaded into the Framatome Data Management System (FDMS). The system was used to check the results for accuracy and to ensure all tubes were examined to the proper extent. In addition, FDMS was used to track the examination progress, provide daily status reports, and perform data manipulations for queries, tubesheet mapping applications, trend analyses, and final reporting. A second system, Eddynet Inspection Management System (EIMS), was utilized for analysis functions only.

The examination data were transmitted via the Local Area Network (LAN) and recorded on hard-disk drives. In parallel, the data was copied to separate magneto-optical disks for permanent storage by the customer. Following data analysis, all evaluation results and calibration setups were written to the disks allowing all processes of the examination to exist in a retrievable format on a single storage medium.

The examinations were performed with the Zetec system. The eddy current instrument used was the Zetec MIZ-30A remote data acquisition unit. Version 1.4 of the Zetec Eddynet 11i software was employed for data acquisition; version 1.6 was used for analysis. The essential variables employed for each examination technique are documented within the procedure on the ETSSs. The ETSSs described the following, as a minimum:

- the technique's applicability
- the tube material type and dimensions
- the probe manufacturer, type, size, and length
- the probe extension cable type and length
- the examination hardware and software
- the examination frequencies and coil connections
- the data digitizing rates and probe speeds
- the scan direction
- the data recording method
- the calibration standards
- the data acquisition and analysis calibration requirements
- the data analysis screening, reporting and recording requirements

The eddy current techniques employed during the inspection were bobbin coil and rotating probe coil (RPC). The examinations met the requirements of techniques qualified in accordance with Appendix H of the document referenced in Section 7.3, below.

The bobbin coil technique was used in both S/Gs to perform the standard ASME code examination for flaw detection. This technique was applied to the full length for all tubes examined during this outage. The nominal bobbin probe speed was 40 inches per second (ips), though a lower speed of 24 ips was used for inspecting Rows 1 through 4 to achieve the required data quality in tight-radius U-bends; in all cases a sample rate of 30 points per inch (ppi) was maintained.

The bobbin coil examinations were performed with Zetec probes as specified by the ETSS at frequencies of 550, 280, 140, and 35 kHz, each operated in both the differential and absolute test modes. In addition to the four base frequencies, 550/140 kHz differential and 280/140 kHz absolute tube support plate (TSP) suppression mixes were used to enhance evaluation at TSP and AVB intersections. These examinations were performed in accordance with ETSS #1.

A motorized rotating probe coil (MRPC) technique was used to examine top-of-tubesheet expansion transition areas in both the hot- and cold-legs as well as to characterize bobbin indications in straight sections of tubing. The technique utilized Zetec probes with three coils. The +Point coil was operated at frequencies of 300, 200, 100, and 35 kHz and provided the prime means of MRPC analysis. A 0.115" diameter pancake coil (operated at the aforesaid frequencies), and a 0.080" diameter shielded high frequency coil (operated at 600, 300, and 200 kHz) were also present. The probes were operated at minimum sampling rates of 25 ppi in the axial direction and 30 ppi in the circumferential direction for the examination. The examinations were performed in accordance with ETSS #2.

A single-coil flexible motorized rotating probe was used to examine the U-bend regions of Rows 1 through 9 tubes as well as to characterize bobbin indications in bent sections of tubing. The technique utilized Zetec probes with a +Point coil, which was operated at frequencies of 400, 300, 200, and 100 kHz. The probes were operated at minimum sampling rates of 30 ppi in the axial direction and 30 ppi in the circumferential direction for the examination. The examinations were performed in accordance with ETSS #3.

The bobbin probe was chosen for the examination because it is the ASME code-required technique and it provides a fast method for examination of the entire tube. The +Point coil was chosen for the examination because it is an industry qualified technology for the detection of cracking mechanisms. It also provides superior detection of circumferentially oriented flaws and crack-like flaws in the presence of material geometry variations relative to the bobbin probe.

The +Point coil has been qualified for detection in all regions of the generator for both outer diameter (OD) and inner diameter (ID) indications, including dented regions. The 0.080" high-frequency plus point coil was chosen for its capabilities to provide enhanced detection of small ID indications. The 0.115" pancake coil was used for supplemental information.

5.0 Results and Imperfection Types

This section discusses the examinations performed in each steam generator and the types of imperfections detected. Figures A through D show the total number of signals per category. BLG denotes a bulge or localized tube diameter increase. DNG denotes a "ding" representing a localized tube diameter reduction. MBM ("manufacturing burnish mark") denotes a shallow volumetric signal indicative of manual "buffing" of an OD blemish during tube manufacture. NQI ("non-quantifiable indication") represents a signal considered by industry practice to be repairable unless diagnosed differently with a rotating coil test. OXP ("over-expansion") indicates a hydraulic expansion transition at a location beyond the nominal terminus at the top of tubesheet. PDS ("pilger drift signal") represents a tube manufacturing condition caused by the pilgering mandrel. "%" represents a case where a percent of wall loss was reported. GMD ("geometric distortion") is an RPC code denoting an ID surface blemish. PVN ("permeability variation") was used for RPC exams where the tubing displayed non-nominal magnetic permeability values. SVI ("single volumetric indication") represents an RPC result indicative of wall-loss. A discussion of the indication codes and the methodology for classifying these indications are found in the eddy current procedure.

5.1 Steam Generator 11

A 100% full-length bobbin coil examination (4868 tubes) was performed. Data were acquired from either tube end and consisted of both single-pass examinations and, for low-row tubes, dual-pass partial exams.

A 100% top-of-tubesheet RPC examination was performed in both the hot-leg and the cold-leg (4868 tubes, 9736 examinations). The minimum extent for these tests was from 3.00 inches below the secondary tubesheet face to 3.00 inches above the face. This extent includes the tubing hydraulic expansion transition and future (potential) sludgepile region.

A U-bend RPC examination was performed on the four low-row tubes in S/G 11 that had not been tested during an earlier inspection. The extent of these tests included the entire bent portion of the tubing and the uppermost support plate intersections adjacent to it.

A diagnostic ("Special Interest") RPC examination was performed for every signal reported during the bobbin coil examination unless the location was within another scheduled RPC test extent.

S/G 11 Bobbin Results:

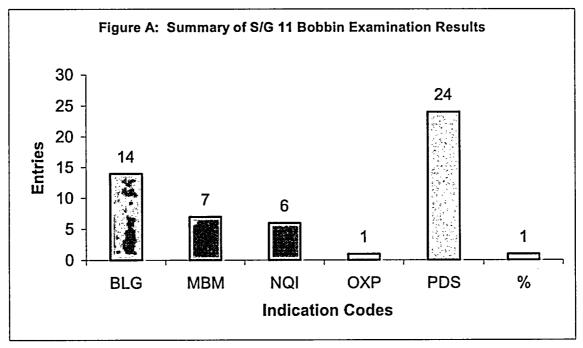


Figure A, above, is a bar graph depicting the results of the bobbin examination of S/G 11 by signal type. Six of the seven indication codes are represented; DNG indications, totaling 286 in S/G 11, have been omitted for the sake of clarity. The total number of 339 indications were distributed among 323 tubes; the balance of 4565 tubes have a bobbin result of NDD ("no defects detected"). Specific results for tubes with indications and results for all tubes examined in S/G 11 can be found in the full report.

S/G 11 MRPC Results

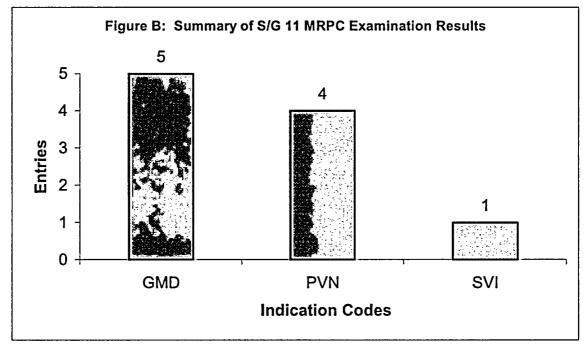


Figure B, above, is a bar graph depicting the results of all RPC examinations of S/G 11 by signal type. The total number of 10 indications were distributed among 9 tubes; the balance of 10,061 locations tested have an RPC result of NDD ("no defects detected", used for pre-scheduled exams) or NDF ("no defect found", used for addressing special interest locations). Specific results for tubes with indications and results for all tubes examined in S/G 11 can be found in the full report.

S/G 11 Repairable Indications:

There were no indications found in S/G 11 that would prevent tubes from reaching service for technical reasons. However, the contractual agreement between the utility and the component supplier states that tubes are to be "rejected" in the following circumstances:

- a) for any signal measuring 7% wall-loss or greater
- b) for any ding signal measuring 1.00 volt or greater in amplitude
- c) for any burnish mark signal measuring 0.50 volts or greater in amplitude
- d) for other signals measuring 2.00 volts or greater in amplitude (except PDS)

According to these criteria the following 6 tubes were found to be in non-conformance:

R07-C47......category "b)": DNG R18-C04......category "d)": OXP R29-C89.....category "d)": BLG R47-C35.....category "a)": 15% R47-C44.....category "b)": DNG R55-C50.....category "b)": DNG

Technical Summary of Steam Generator Eddy Current Examinations Prairie Island Nuclear Generating Plant Unit 1, December 2003 Pre-service Baseline Inspection 51-5039649-00

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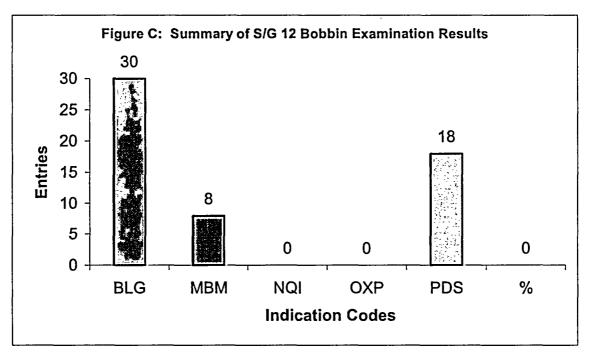
5.2 Steam Generator 12

A 100% full-length bobbin coil examination (4868 tubes) was performed. Data were acquired from either tube end and consisted of both single-pass examinations and, for low-row tubes, dual-pass partial exams.

A 100% top-of-tubesheet RPC examination was performed in both the hot-leg and the cold-leg (4868 tubes, 9736 examinations). The minimum extent for these tests was from 3.00 inches below the secondary tubesheet face to 3.00 inches above the face. This extent includes the tubing hydraulic expansion transition and future (potential) sludgepile region.

A U-bend RPC examination was performed on the four low-row tubes in S/G 12 that had not been tested during an earlier inspection. The extent of these tests included the entire bent portion of the tubing and the uppermost support plate intersections adjacent to it.

A diagnostic ("Special Interest") RPC examination was performed for every signal reported during the bobbin coil examination unless the location was within another scheduled RPC test extent.



S/G 12 Bobbin Results:

Figure C, above, is a bar graph depicting the results of the bobbin examination of S/G 12 by signal type. Six of the seven indication codes are represented; DNG indications, totaling 473 in S/G 12, have been omitted for the sake of clarity. The total number of 529 indications were distributed among 504 tubes; the balance of 4364 tubes have a bobbin result of NDD ("no defects detected"). Specific results for tubes with indications and results for all tubes examined in S/G 12 can be found in the full report.

S/G 12 MRPC Results:

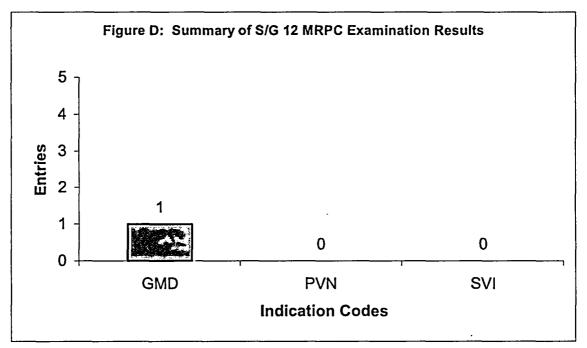


Figure D, above, is a bar graph depicting the results of all RPC examinations of S/G 12 by signal type. A single indication was reported; the balance of 10,256 locations tested have an RPC result of NDD ("no defects detected", used for pre-scheduled exams) or NDF ("no defect found", used for addressing special interest locations). Specific results for tubes with indications and results for all tubes examined in S/G 12 can be found in the full report.

S/G 12 Repairable Indications:

There were no indications found in S/G 12 that would prevent tubes from reaching service for technical reasons. However, the contractual agreement between the utility and the component supplier states that tubes are to be "rejected" in the following circumstances:

- a) for any signal measuring 7% wall-loss or greater
- b) for any ding signal measuring 1.00 volt or greater in amplitude
- c) for any burnish mark signal measuring 0.50 volts or greater in amplitude
- d) for other signals measuring 2.00 volts or greater in amplitude (except PDS)

According to these criteria the following 5 tubes were found to be in non-conformance:

R37-C95......category "d)": BLG R44-C23.....category "b)": DNG R45-C25.....category "b)": DNG R53-C46.....category "b)": DNG R55-C55.....category "b)": DNG

6.0 Miscellany

The following information is included herein as it is not documented elsewhere.

6.1 Database Comment Codes

During the course of the inspection it became convenient to add certain comments to the database of results for administrative reasons. The following codes were used in the "utility" fields of reporting lines during the inspection:

- INR Denotes that the current data was reviewed in reference to an indication from earlier ECT data acquired at the tube mill, and that the said indication is not now reportable (being either under a reporting threshold or interpreted differently).
- INF Similarly, an historical indication is not present at all in the current data (the indication was a transient signal phenomenon and not related to the tubing itself).
- HL-CL FLIP In one instance, a tube was installed in the steam generator reversed from its identified leg orientation at the tube mill. This was evidenced by comparing the ECT data.
- IDOK Used as a declaration that a tube's identity has been verified; performed when there existed the potential (at least in theory) that the tube number had been mis-encoded.
- PLP Describes the superficial bobbin signal character ("possible loose part") that resulted in an RCL ("re-test clarification") being reported. In fact, all of the signals that resulted in this code disappeared upon re-test.
- SSA Describes the superficial RPC signal character ("secondary side anomaly") that resulted in an RCL being reported. Upon re-test, the result was NDD.
- 300 Explanatory code for an RBD ("re-test bad data") as the result of the probe being used in excess of 300 tubes. The contract between the utility and the steam generator supplier effectively limited bobbin probe life to this value.
- MV The eddy current procedure instructs that all tubes requiring repair have an additional identity verification. Machine Vision (a means of determining tube identification independent of the robotic encoders) may be used for the purpose. The code was used for tubes in non-conformance with the contract instead of PID because it was undetermined which, if any, of the tubes would actually be plugged.
- POST_ID BUFF Identifies an RPC re-test (of an SVI) after attempts were made to buff or polish the ID of the tube at the indication's location. No change was noted, however.
- AVB SPT Identifies bobbin re-tests (and special interest RPC as a result of the re-tests) of 24 tubes in each generator after support members for the AVBs had been placed in their final position (making tube contact near each AVB intersection).

6.2 Examinations with a Magnetically Biased Probe

During the course of the rotating coil examinations a small number of tubes exhibited signals consistent with magnetic permeability variations. It was determined that the inspection of these tubes would benefit from re-testing with a magnetically biased ("mag-bias") rotating +Point coil probe. Although the coils of the mag-bias probe (600MB) used for this examination are identical to that of the standard (610PP) probe, the biasing magnets have the potential to affect the signal output. It was observed during the examination that the signal character of the mag-bias +Point coil compared favorably to the standard, non-biased coil. The following illustration shows the two probes produce equivalent results for tube wall degradation and that the mag-bias probe eliminates the permeability variation and therefore meets its intended purpose. The technique qualification for the non-biased coil is easily extended to the mag-biased coil for this application.

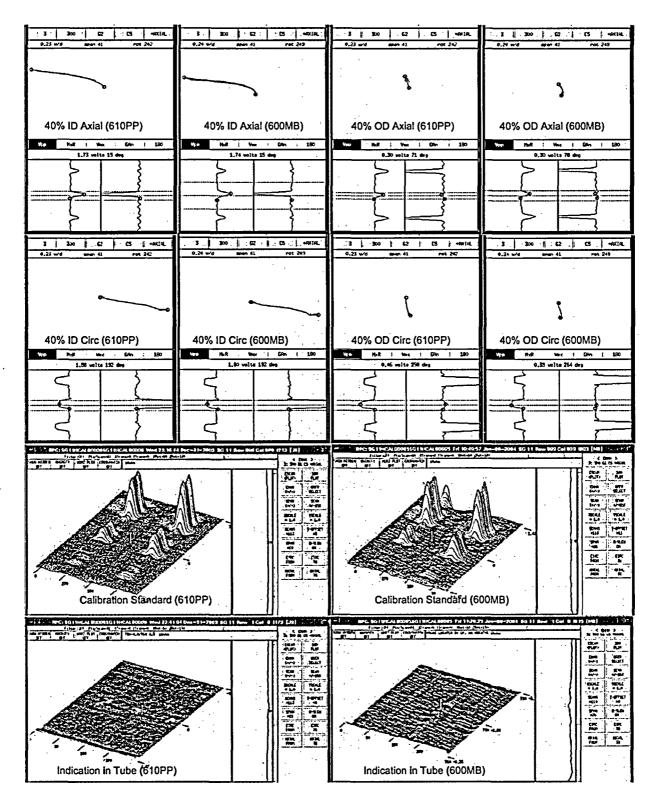


Figure E

Technical Summary of Steam Generator Eddy Current Examinations Prairie Island Nuclear Generating Plant Unit 1, December 2003 Pre-service Baseline Inspection 51-5039649-00

Page 11 of 12

7.0 References

- 7.1 Framatome ANP Procedure 54-ISI-406-01, "Pre-Service Eddy Current Inspection of Prairie Island Steam Generator Tubing", issued 30 December, 2003.
- 7.2 Framatome ANP Document 51-5037900-00, "CDS Development and Qualification for Prairie Island Unit 1 Replacement Steam Generators Baseline Examination", issued 11 December, 2003.
- 7.3 EPRI Technical Report 1003138, "Pressurized Water Reactor Steam Generator Examination Guidelines: Revision 6" (Requirements), dated October, 2002.
- 7.4 Framatome ANP Document 51-5019819-02, "Prairie Island Unit 1 Replacement Steam Generators U-bend +Point Examination", issued 18 November, 2002.

INSERVICE INSPECTION SUMMARY REPORT

Section 8. Repair/ Replacement Activities

92 NIS-2 forms are attached which identify Prairie Island Unit 1 Repair/ Replacement Activities during fuel cycle 22.

ITEM #	COMPONENT NAME		DESCRIPTION	CODE CLASS	SYSTEM
1-22-002	11 SI Pump Unit Cooler	0208641, 0115067, 01ZX01	Replaced 11 SI pump motor unit	3	ZE
1-22-004	VC Pipe Support (3")	0300064	Replaced bolt assembly.	2	VC
1-22-005	CL Piping	0201494	Fabricate and install 2-CL-17 and replaced flange fasteners.	3	CL
1-22-006	CL Piping	0201492	Fabricate and install 2-CL-18. Replace flange bolting.	3	CL
1-22-007	CL Piping	0202731	Replaced fasteners.	3	CL
1-22-008	11 Charging Pump Suction Piping	0211989	Replaced fasteners.	2	VC
1-22-009	11 BATP Discharge Valve	0211454	Replaced bonnet.	2	VC
1-22-010	12 Charging Pump	0300993	Replaced charging pump packing assemblies.	2	VC
1-22-011	Letdown Line Relief Valve	0302844, EEC- 1250	Replaced valve.	2	VC
1-22-012	12 BATP	0301238, SPCE- ME-0453, EEC- 1266	Replaced the mechanical seal gland plate.	2	VC
1-22-013	13 Chg. Pmp. Dischg. Relief	0211233	Replaced flange fasteners.	2	VC
1-22-014	11 Chg. Pmp. Dischg. Relief	0211231	Replaced flange fasteners.	2	VC
1-22-015	11 Boric Acid Transf. Pump	0210079, SPCE- ME-0453	Replaced the mechanical seal gland plate - Suction end.	2	VC
1-22-016	11 Boric Acid Transf. Pump	0211311, SPCE- ME-0453	Replaced the mechanical seal gland plate - Discharge end.	2	VC
1-22-017	CL supply to D2 pipe	0304407	Replaced 2 sections of 6" pipe.	3	CL
1-22-018	12 BATP	0304096, EEC- 1266	Replaced the mechanical seal gland plate and backing plate.	2	VC
1-22-021	Charging Pump Packing Assy.	0303035	Replaced plungers in spare charging pump packing assemblies.	2	VC
1-22-024	Snubber	0004270	Replaced piston and cylinder.	yes	SN
1-22-025	Snubber	0004271	Replaced piston.	yes	SN
1-22-026	Snubber	0101496	Replaced piston and cylinder.	yes	SN
1-22-028	Snubber	0201883	Replaced piston.	yes	SN
1-22-029	Snubber	0201884	Replaced piston.	yes	Snubber
1-22-030	Snubber	0201885	Replaced piston.	yes	SN
1-22-031	Snubber	0201887	Replaced piston.	yes	SN
1-22-032	Charging Pump Packing Assy.	0309814	Replaced plungers and gland plate in spare charging pump packing assemblies.	2	VC

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INSERVICE INSPECTION SUMMARY REPORT

1-22-033	11 CL Strainer Backwash Valve (2")	0300326	Replaced valve and flange bolting.	3	CL
1-22-039	12 BATP	0309640, SPCE- ME-0453, EEC- 1266	Replaced the mechanical seal gland plate.	2	VC
1-22-040	121 Cont. Rm Chld. Wtr. Pmp Disch. Flow Ind.	0300884	Replace flange fasteners.		ZH
1-22-041	Spare Charging Pump Packing Assemblies	0312062	Replaced packing assemblies.	2	VC
1-22-042	Spare CS Pump	0400361, EEC 1076	Replaced mechanical seal and gland plate and gland fasteners.	2	CS
1-22-043	Charging Pump Packing Assy.	0400185	Replaced plungers in spare charging pump packing assemblies and gland plates.	2	VC
1-22-044	RHR to 11 CS Orifice	0309942, EEC- 1389	Replaced flange fasteners.	2	RH
1-22-045	RHR to 12 CS Orifice	0309967, EEC- 1389	Replaced flange fasteners.	2	RH
1-22-046	12 RHR Pump Dschg. Check	0309713, EEC 1190	Replaced flange fasteners.	2	RH
1-22-048	11 RHR Pump Suction Check	0310689, EEC 1190	Replaced flange fasteners.	2	RH
1-22-049	Snubbers 1, 2, 3, & 4	0310359, 0310432, DCP 03RC02	Removed spring hangers and associated hardware and mounting beams, installed vertical supports, replaced mounting fasteners of the SG snubbers and upper lateral support ring flanges as necessary.	1	SG
1-22-050	Vertical Supports	0310357, 0310431, DCP 03RC02	Removed spring hangers and associated hardware and mounting beams, installed vertical supports, replaced mounting fasteners of the SG snubbers and upper lateral support ring flanges as necessary.	1	SG
1-22-051	Rupture Restraint	0310470, DCP 03RC02	Permanent removal of the RCS cross over leg rupture restraints.	1	RC
1-22-052	Rupture Restraint	0310468, DCP 03RC02	Permanent removal of the RCS cross over leg rupture restraints.	1	RC
1-22-053	Spring Hanger	0310333, 0310556, DCP 03SG01	Removed and reinstalled portions of the steam generator blowdown piping and permanently removed a spring hanger. Modified Support RBDH-387.	2	SB
1 -22- 054	Sway Strut	0310334, 0310557, DCP 03SG01	Removed and reinstalled portions of the steam generator blowdown piping. Replaced a spring hanger with 2 rigid restraints. Modified the wall bracket for a spring hanger. Replaced a section of 2" piping and one 90 deg. el Modified 2" line support.	2	SB

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INSERVICE INSPECTION SUMMARY REPORT

1-22-055	Old Steam Generator	0310373,	Replaced the primary side of the	1	RC
		0310445, 0310437, DCP 03RC02, DCP 03SG01	Steam Generator.	•	
1-22-056	Old Steam Generator	033001 0310372, 0310442, 0310436, DCP 03RC02, DCP 03SG01	Replaced the primary side of the Steam Generator.	1.	RC
1-22-057	Original Steam Generator	0310379, 0310472, 0310229, 0310231, DCP 03SG01	Piping was removed and reinstalled in support of the installation of the secondary side of the replacement steam generator. The rigid restraint was modified to remove the rigid band. Weld build up in the counterbore was also performed.	2	MS, SG
1-22-058	Original Steam Generator	0310375, 0310471, 0310229, 0310231, DCP 03SG01	Piping was removed and reinstalled in support of the installation of the secondary side of the replacement steam generator. The rigid restraint was modified to remove the rigid band.	2	SG, MS
1-22-059	Aux. Feed line 3-AF- 11	0310381, 3010474, 0310228, DCP 03SG01	Piping was removed and replaced in support of the installation of the secondary side of the replacement steam generator.	2	AF, FW
1-22-060	Aux. Feed line 3-AF- 12	0310383, 3010477, 0310228, DCP 03SG01	Piping was removed and reinstalled in support of the installation of the secondary side of the replacement steam generator.	2	AF, FW
1-22-061	Column 1	0310360, 0310433, DCP 03RC02	Modified the support column swivel adapter and bumper blocks.	1	SG
1-22-062	Column 1	0310363, 0310435, DCP 03RC02	Modified the support column swivel adapter and bumper blocks.	1	SG
1-22-063	12 RHR Discharge Pump Line valve	0309712, EEC- 1359	Replaced body to bonnet fasteners.	2	RH
1-22-064	11RHR HX Tube Inlet	0209698, EEC- 1359	Replaced body to bonnet fasteners.	2	RH
1-22-065	11/12 RC PMP Dch relief valve	0304370, EEC- 1310	Replaced relief valve for IST testing.	2	VC
1-22-066	SG Snubber Block Valve	0309378	Replaced valve block.	2	SG
1-22-067	SG Snubber Block Valve	0309311	Replaced valve block.	2	SG
1-22-068	Steam Gen. 3" external recirc. Line	0309476, 0309477, DCP03SG05	Install external recirc. piping and valve.	2	SG
1-22-069	Steam Gen. 3" external recirc. Line	0309476, 0309478, DCP03SG05	Install external recirc. piping and valve.	2	SG

INSERVICE INSPECTION SUMMARY REPORT

1-22-070	12 RHR Crossover Inlet	0309711, EEC- 1505	Replaced body to bonnet fasteners.	2	RH
4 00 074	11 RHR HX Outlet				RH
1-22-071		0310190, EEC- 1505	Replaced body to bonnet fasteners.	2	
1-22-072	12 MD AFW PMP Suct.	0302035	Replaced body to bonnet fasteners.		AF
1-22-073	11 CC Heat	0309410,	Replaced end flanges and covers,	3	CC
	Exchanger	0309412,	attached lifiting lugs to the end		
		0306712	covers, and performed shell weld		
			repairs as necessary to remove pitting of internal surfaces.		
1-22-074	CC Heat Exchanger	0200466,	Attached lifting lugs to the end	3	cc
	end cover plates	0309418,	covers that will be installed at the	-	
	·	0405720	next refueling outage.		
1-22-075	12 Containment FCU	0403586	Replaced flange fasteners.	3	CL
1-22-076	11 Excess Letdown	0300316, EEC-	Replaced flange to head	1	VC
1-22-077	HX 122 CR Chilled Wtr.	1196 0300828	fasteners. Replaced discharge flange	3	ZH
1-22-077	Pmp.	0300020	fasteners.	3	21
1-22-078	6" Containment Spray	0303945,	Added recirculation lines to	2	CS
	Piping	0303946,	Containment Spray piping.		
		0303949,	Removed piping support.		
		DCP03CS02	Replaced support bolting on 11 &		
4 00 070		0402507 550	12 CS pumps.		
1-22-079	11 SG MS HDR Relief Valve	1096	Replace flange fasteners.	2	MS
1-22-080	11 Containment Spray	0301139	Replaced mechanical seal	2	CS
1-22-081	Pump	0407196, SPCE-	icluding gland plate Replaced the mechanical seal	2	VC
1-22-001	12 BATP	ME-0453	gland plate.	2	
1-22-082	11 MSIV	0407276	Replaced disc.	2	MS
1-22-085	Spring Hanger	0407291	Reassembled spring hanger.	2	AF
1-22-086	11 RHR Heat Exchanger	0407778	Replaced flange fasteners.	2	RH
1-22-087	RCS Lp B hot leg RHR Sup.	0407227	Replaced body to bonnet fasteners.	1	RH
1-22-088	11 Charging Pump	0401076	Replaced charging pump packing assemblies.	2	VC
1-22-089	12 BATP	0407257	Replaced the mechanical seal gland plate and 1 casing fastener assembly.	2	VC
1-22-090	AF piping	0407376	Corrected piping configuration for rupture disc holding flanges.	3	AF
1-22-091	valve	0305017	Replaced valve.	1	RC
1-22-093	Main Steam Line	WO-0407875	Weld build up of eroded area.	2	MS
1-22-094	Main Steam Line	WO-0407874	Weld build up of eroded area.	2	MS
1-22-095	RCP Seal Rtrn. Isolation Valve	0400020	Replaced body to bonnet fastener.	2	VC
1-22-096	Cooling water line	0407857	Replaced Fan Coil Unit piping spool piece with new pipe and fittings.	3	CL

INSERVICE INSPECTION SUMMARY REPORT

1-22-097	Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve	0407938, EEC- 1546	Replaced the disc assembly.	1	SI
1-22-099	11 Seal Wtr Injection Check (2")	0408070	Replaced Check Valve.	1	VC
1-22-101	11Seal Water HX Inlet	0408126, EEC- 1554	Replaced the valve bonnet and fasteners.	2	VC
1-22-102	VC System Hanger	0408112	Repair of weld on integral attachment.	1	VC
1-22-103	SI System Hanger	0408118	Repaired box support.	2	SI
1-22-104	SI System Hanger	0408114	Repair of weld on integral attachment.	1	SI
1-22-105	12 BATP	0408152, SPCE- ME-0453	Replaced the mechanical seal gland plate.	2	VC
1-22-107	13 Charging Pump	0408547	Replaced assemblies 19, 20, 21 with rebuilt assemblies 7, 8, and 9.	2	VC
1-22-108	Rx Head Conoseal #34	0408797	Replaced Marmon Clamp, Fasteners, and Male Flange, and Jackscrews.	1	RV
1-22-110	1 Pressureizer PORV control valve	0408838	Replaced plug and body to bonnet fasteners.	1	RC
1-22-111	11 and 12 RCP tension/copmpression tie rods	0408894, ECN 03RC02-ECN-01	Tack welded shims in place.	1	RC
1-22-112	MS Safety Valve	0309936, EEC- 1096	Replaced studs and installed Superbolt nuts.	2	MS

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9. Remarks This	work is in suport of the	e Unit 1 Stea	am Generato	r Replacement Project.		ITEM 1-22-054
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Date	January 03	2005
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National Board, Province and Endorsements

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

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					ITE	M 1-22-054	
1.	Owner	Nuclear Management Company, LLC	Date	12/14/2004			
2.	Plant	Name Praire Island Nuclear Generating Plant	Sheet	1	of	2	
		Name 1717 Wakonade Dr. E, Welch Minnesota 55089	0310334	, 0310557, DCP 03S	G01		
3.	Work Pe	Address erformed by SGT Ltd.	Repair Organizat Type Code Symbol Stamp Authorization		tion P.O. No., Job No., etc NPT N-3090-1		
		Name 400 S. Tyron St. Suite 2100, Charlotte, NC 28285					
4.	Identific	Address SB	Expiration Code Cl		6/4/07		
5.		licable Construction Code B31.1	1998	1998		Edition	
		Addenda	Code Ca	150	-		
	(b) App	blicable Edition of Section XI Utilized for Repair/Replace	ment Activity	1989 With No	Addenda		
	(c) App	licable Section XI Code Cases None					

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Spring Hanger	Basic Engineering			RBDH-378		Removed	
Sway Strut	Grinnel			RBDH-378A		Installed	1_1
Sway Strut	Grinnel		<u> </u>	RBDH-378B		Installed	<u> </u>
Spring Hanger support				RBDH-373		Corrected	11
SGB line 2-SB-2				2-SB-2		Corrected	1
Line Support			<u> </u>	RBDH-3		Corrected	1.1

7.	Description of Work	Removed and rein						
		with 2 rigid restrain one 90 deg. el Mo			r a sprin	ig hanger. Replac	ed a section of :	2" piping and
8.	Tests conducted:	Hydrostatic 🗸	Pneumatic	Nominal	Operati	ing Pressure	Exempt	۱.,
		Other	Pressure	1360	psi	Test Temp.	84	• F
Oth	er: n/a							

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks This work is in suport of the Unit 1 Steam Generator Replacement Project.
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Certificate of Authorization NoExpiration Date Signed, ASME Program Engineer Date,, _,
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>04. Juvou</u> to <u>03.1AN os</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date 03_, Commissions N& 1685 AUI MJ 21924 Date O3_, Commissions National Board, Province and Endorsements

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	FOR	M NIS-2 OW	NER'S REPC				CEME		
								ITEM 1-22-0	53
1.	Owner	Nuclear Management	Company, LLC		Date	12/14/2004	_	•	
2.	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1	of	2	•
		1717 Wakonade Dr. I	Name E, Welch Minnesota 55	089	0310333,	0310556, DCP 03	SG01		
_					Repair Organiza	tion P.O. N	lo., Job No., etc	<u> </u>	
3.	3. Work Performed by SGT Ltd.				Type Cod	le Symbol Stamp	NPT		
		400 S. Tyron St. Suite	Name e 2100, Charlotte, NC 2	8285	Authoriza	ition	N-3090	-1	
	•		Address		Expiratio	n Date	6/4/07	-	
4.	Identific	ation of System S	B		Code Cla	SS	2		
5.	(a) Appli	icable Construction C	ode B31.1	,	1998	•	Edit	lon	
			Addenda		Code Cas	ie			
	(b) App	licable Edition of Sec	tion XI Utilized for Re	pair/Replacemer	nt Activity	1989 With N	o Addenda		
	(c) Appl	licable Section XI Cod	le Cases None						
6.	Identific	ation of Components							
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Spring H	anger	Basic Engineering			RBDH-385		Removed	
	SG BD p	iping				2-SB-1		Removed	
	SG BD p	iping				2-SB-1		Installed	
	Spring H	anger	Basic Engineering			RBDH-387		Corrected	,
7.	Descrip	otion of Work	Removed and reinstal spring hanger. Modified			erator blowdown p	iping and p	ermanently remo	oved a
8.	Tests c	onducted:	Hydrostatic 🔽 P	neumatic 📋	Nominal O	perating Pressur	е 🗌	Exempt	
			Other 🔤 🛛 🛛 F	Pressure 136	50 	psi Test Tem	р.	84	۰F
Ot	her: n/a	۱ <u>ــــــــــــــــــــــــــــــــــــ</u>	t	tie .					;

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

ITEM 1-22-052

9. Remarks This work is in support of the Unit 1 Steam Generator Replacement.

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. . . CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp NIA · · · · · · · · 1 NIA - Expiration Date Certificate of Authorization No. ASME Program Engineer Date 12/16/04 Signed Owner or Owner's Designee, Title

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CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission is Inspectors and the State or Province of	sued by the National Board of Boiler	and Pressure Vessel and employed
by HSB Insp. and Ins. Co. of Connecticut		have
inspected the components described in this Own os Jan 05, and state that to the best of		
examinations and taken corrective measures des requirements of the ASME Code, Section XI.	scribed in this Owner's Report in acc	ordance with the

. .

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

Anon Ol	Commissions	NB 12085 ANI	md 21924
() Inspector's Signature		National Board, Prov	ince and Endorsements
Date Agguage os,	2005		

		PF	RAIRIE ISLAND	NUCLEAR G	GENERA	TING PLA	NT		
	FOR	M NIS-2 O	WNER'S REPO	ORT FOR I	REPAIR		CEME		/ITY
			• ,					ITEM 1-22-05	52
1.	Owner	Nuclear Managem	ent Company, LLC		Date 1	2/16/2004			•.
2.	Plant	Praire Island Nucl	Name ear Generating Plant		Sheet	1	of	2	
		1717 Wakonade [Name Dr. E, Welch Minnesota 5	5089	0310468, DCP 03RC02				
2	Work Pe	rformed by SGT	F	Repair Organiz	ation P.O. N	o., Job No., etc			
J.	TOIRTE		Name			Symbol Stam	·		
		400 S. Tyron St. S	uite 2100, Charlotte, NC	28285	Authorizat		N-3090	•1	
4.		ation of System	Address RC		Expiration Code Clas		6/4/07 1		
4.						3			,
5.	(a) Appli	icable Constructio	n Code	,	n/a		Editi	lon	
	·		Addenda n	/a	Code Case	n/a 💈			
	(b) App	licable Edition of S	- Section XI Utilized for R	epair/Replacemei	nt Activity	1989 With	No Addenda		
	(c) App	licable Section XI	Code Cases None						
6.	Identific	ation of Compone	nts						
	Compon	ient Nam e	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Rupture	Restraint				H-1		Removed	
	Rupture	Restraint				H-2		Removed	
7.	Decerir	otion of Work	Permanent removal	of the PCS cross o	ver leg ruptur	a rostrainte			
7.	Descrip		Fernalient fernovar		ver leg tuptur	e resuants.			• • • •
8.	Tests c	onducted:	Hydrostatic	Pneumatic 🔲	Nominal Op	erating Press	ure 🗌	Exempt 🖌 🗹	
			Other []	Pressure		psi Test Te	mp		۰F
Ot	her: n/a	l							

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

ITEM 1-22-051

Remarks This work is in support of the Unit 1 Steam Generator Replacement.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization No.

and the second second

Owner or Owner's Designee, Title

Signed

CERTIFICATE OF INSERVICE INSPECTION

ASME Program Engineer Date

12/16/04

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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>JAMAYO4</u> to <u>ASJANOS</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.

	Inspector's Signature	Commissions	No 12085 ANI	ma 21924 Fince and Endorsements
Date	Lanuary OS	<u>, 2005</u>		
	\bigcirc ,			

	FOR								
								ITEM 1-22-05	51
I	Owne r	Nuclear Managemer	nt Company, LLC		Date 1	2/16/2004			
	Plant	Praire Island Nuclea	Name r Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota	55089	0310470, E	OCP 03RC02			
Address			<u> </u>	F	Repair Organiz	ation P.O. N	lo., Job No., etc		
Work Performed by SGT Ltd. Name				Type Code	Symbol Stam	p NPT			
		400 S. Tyron St. Sui	te 2100, Charlotte, NC	28285	Authorizat		N-3090	-1	
			Address		Expiration		6/4/07		
	Identific	ation of System	RC	····	Code Clas	S			
	(a) Appl	icable Construction (Code n/a	,	n/a		Edit	ion	
			Addenda n	/a	Code Case	n/a 🔆 🔨	•		• .
	(b) App	licable Edition of Se	-				No Addenda		• .
		licable Edition of Section XI Co	- ction XI Utilized for F				 No Addenda		•
	(c) App	licable Section XI Co	ction XI Utilized for F				No Addenda		• .
г	(c) App Identific	licable Section XI Co	- ction XI Utilized for F ode Cases <u>None</u> s	Repair/Replaceme	nt Activity	1989 With			· .
r	(c) App Identific	licable Section XI Co	ction XI Utilized for F				No Addenda	Corrected, Removed, or Installed	Code
ļ	(c) App Identific Compor	licable Section XI Co	- ction XI Utilized for F ode Cases <u>None</u> s Manufacturer	Repair/Replacement	nt Activity	1989 With		Corrected, Removed, or	ASME Code Stamp
	(c) App Identific Compor Rupture	licable Section XI Co cation of Components nent Name	- ction XI Utilized for F ode Cases <u>None</u> s Manufacturer	Repair/Replacement	nt Activity	1989 With		Corrected, Removed, or Installed	Code Stamp
	(c) App Identific Compor Rupture	licable Section XI Co cation of Components nent Name Restraint	- ction XI Utilized for F ode Cases <u>None</u> s Manufacturer	Repair/Replacement	nt Activity	1989 With Other ID H-1		Corrected, Removed, or Installed Removed	Code Stamp
	(c) App Identific Compor Rupture Rupture	licable Section XI Co cation of Components nent Name Restraint Restraint	ction XI Utilized for F ode Cases <u>None</u> s Manufacturer Name	Repair/Replacemen Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With Other ID H-1 H-2		Corrected, Removed, or Installed Removed	Code Stamp
	(c) App Identific Compor Rupture Rupture	licable Section XI Co cation of Components nent Name Restraint	- ction XI Utilized for F ode Cases <u>None</u> s Manufacturer	Repair/Replacemen Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With Other ID H-1 H-2		Corrected, Removed, or Installed Removed Removed	Code Stamp
	(c) App Identific Compor Rupture Rupture Descrip	licable Section XI Co cation of Components nent Name Restraint Restraint	ction XI Utilized for F ode Cases <u>None</u> s Manufacturer Name <u>Permanent removal</u>	Repair/Replacemen Manufacturer Serial #	Nat'l Bd #	1989 With Other ID H-1 H-2	Yr Built	Corrected, Removed, or Installed Removed Removed	Code Stamp
	(c) App Identific Compor Rupture Rupture Descrip	licable Section XI Co cation of Components nent Name Restraint Restraint	ction XI Utilized for F ode Cases <u>None</u> s Manufacturer Name <u>Permanent removal</u>	Manufacturer Serial #	Nat'l Bd #	1989 With Other ID H-1 H-2 e restraints.	Yr Built	Corrected, Removed, or Installed Removed Removed	Code Stamp

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-050 These activities are in support of the 11 Steam Generator Replacement Project. 9. Remarks CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp NIA **Expiration Date** Certificate of Authorization No. ASME Program Engineer Date 12/16/09 Signed 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 _______ Minnesota______ by HSB Insp. and Ins_ Co. of Connecticut _______ of ____ Hartford Conn. and employed by HSB Insp. and Ins_Co_of Connecticut______of ______of _____Hartford Conn. inspected the components described in this Owner's Report during the period __02 JuJ 64 have __ to JIDECOL, and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. Commissions AB 1085 ANI MN 21924 Inspector's Signature National Board, Province and Endorsements Date centes

	·							ITEM 1-22-0	50
Owner	Nuclear Man	agement Corr	ipany, LLC		Date 12	2/14/2004			
Plant	Praire Island	Na Nuclear Gene	ame erating Plant		– Sheet	1	of	2	
		Na	ame elch Minnesota 55		-	210421 DCP 0	38002		
			iress		0310357, 0310431, DCP 03RC02 Repair Organization P.O. No., Job No., etc				
Work Performed by SGT Ltd.				Type Code Symbol Stamp NPT					
	Name 400 S. Tyron St. Suite 2100, Charlotte, NC 28285			28285	Authorizati	ion	N-3090	-1	
	·····	Add	ress	<u> </u>	Expiration		6/4/07		
Identific	cation of Syste	im <u>SG</u>			Code Class	5	1	<u></u>	
(a) Applicable Construction									
(a) Appl	licable Constru	uction Code	AISC 9th Editio	n, ASME,	1995		Edit	ion	
(a) Appl	licable Constru	uction Code		· ,	1995 Code Case	, ,	Edit	ion	
				· ,	Code Case	1989 With N	-		
(b) App		n of Section 2	VIII Addenda <u>96</u> XI Utilized for Re	· ,	Code Case		-		
(b) App (c) App	olicable Editio	n of Section 3 n XI Code Ca	VIII Addenda <u>96</u> XI Utilized for Re	· ,	Code Case		-		
(b) App (c) App Identific	blicable Edition blicable Sectio	n of Section 3 n XI Code Ca ponents N	VIII Addenda <u>96</u> XI Utilized for Re	· ,	Code Case		-		Code
(b) App (c) App Identific Compor	blicable Edition blicable Section cation of Com	n of Section 2 n XI Code Ca ponents N N	VIII Addenda <u>96</u> XI Utilized for Re uses <u>None</u> Nanufacturer	pair/Replacemen	Code Case	1989 With N	- Io Addenda	Corrected, Removed, or	Code
(b) App (c) App Identific Compor	blicable Edition blicable Section cation of Comp nent Name rs 1, 2, 3, & 4	n of Section 2 n XI Code Ca ponents N N	VIII Addenda 96 XI Utilized for Re ases <u>None</u> Manufacturer lame	pair/Replacemen	Code Case	1989 With N Other ID H-1, H-2, H-	- Io Addenda	Corrected, Removed, or Installed	Code
(b) App (c) App Identific Compor Snubber Spring H	blicable Edition blicable Section cation of Comp nent Name rs 1, 2, 3, & 4	n of Section 2 n XI Code Ca ponents N N	VIII Addenda 96 XI Utilized for Re ases <u>None</u> Manufacturer lame	pair/Replacemen	Code Case	1989 With N Other ID H-1, H-2, H- 3, H-4	- Io Addenda	Corrected, Removed, or Installed Corrected	ASME Code Stam

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks These activities are in support of the 12 Steam Generator Replacement Project.
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A
Certificate of Authorization No. //A Expiration Date
Signed <u>LLL</u> , <u>ASME Program Engineer</u> Date <u>12/16/04</u> ,, Owner or Owner's Designee , Title
r
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 ofMinnesota and employed
by HSB Insp. and Ins. Co. of Connecticut of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>02 Jun 04</u> to <u>21 Dec 04</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date, 2004 Commissions National Board, Province and Endorsements

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:	FOR		RAIRIE ISLAND N WNER'S REPC						
								ITEM 1-22-04	49
1.	Owner	Nuclear Managen	nent Company, LLC		Date	12/16/2004			
2.	Plant	Praire Island Nuc	Name lear Generating Plant		Sheet	1	of	2	
		1717 Wakonade I	Name Dr. E, Welch Minnesota 55	6089	0310359,	0310432, DCP 03	BRC02		
3.	Work Do	rformed by SGT	Address		<u> </u>	Repair Organiza	tion P.O. N	lo., Job No., etc	
J.	Work Performed by SGT Ltd. Name					e Symbol Stamp			
		400 S. Tyron St. S	Suite 2100, Charlotte, NC 2	28285	Authoriza Expiratio		N-3090 6/4/07	-1	,
4.	Identific	ation of System	Address SG		Code Cla		<u>6/4/07</u> 1		
		-						•	
5.	(a) Appli	icable Constructio	on Code AISC 9th Edition	on, ASME ,	1995	Þ.	<u> </u>	ion	
			Addenda 96		Code Cas	;e			
	(b) App	licable Edition of	Section XI Utilized for Re	pair/Replaceme	nt Activity	1989 With N	- Io Addenda		
	(c) App	licable Section XI	Code Cases None			<u>.</u>			*
6.		ation of Compone							,
	Compon	nent Nam e	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Snubber	s 1, 2, 3, & 4	Bergen Patterson			H-1, H-2, H- 3, H-4		Corrected	
	Spring H	langers				H-5, H-6		Removed	
	Vertical S	Supports	· .			H-17, H-18, H-19, H-20		Installed	
	Upper La	ateral Support						Corrected	
7.		otion of Work	Removed spring hang replaced mounting fas	steners of the SG	snubbers ar	d upper lateral su	pport ring f	anges as neces	rts, sary.
8.	iests C	onducted:		neumatic 🔄	Nominal C	perating Pressu		Exempt 💟	;
		:	Other	Pressure		psi Test Ten —	np		• F
Ot	her: n/a	3		· ·					·

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-048 9. Remarks 1 2.4 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. NA 1. Type Code Symbol Stamp Certificate of Authorization No. **Expiration Date** ٠. Signed ASME Program Engineer Date 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 ______Minnesota and employed Hartford Conn. have by HSB Insp. and Ins. Co. of Connecticut of inspected the components described in this Owner's Report during the period 2830204 to 19 Javos_____, and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. B 1085 ANI Commissions MN 21924

ITEM	1-22-048	•
11611	1-22-040	,

1.	Owner	Nuclear Management	Company, LLC		Date 1	1/30/2004			
2.	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr. E	Name E, Welch Minnesota 5	5089	0310689, E	EC 1190			
3.	Work Pei	formed by Owner	Address Name			Repair Organizat Symbol Stamp Ion	ion P.O. N N/A N/A	o., Job No., etc	
		Same	Address		Expiration		N/A	-··- <u></u> /	
4.	Identific	ation of System R	H		Code Clas	s روشه بر	2	· · · · · · · · · · · · · · · · · · ·	_
5.	(a) Appli	 cable Construction C	ode B16.5	9	<u></u>	<u> </u>	Editi	ion	
			Addenda		Code Case	N, [™]	1.1		
	(b) Appl	icable Edition of Sect	ion XI Utilized for R	epair/Replacemer	at Activity	1989 With No	Addenda	~ .	
	(c) Appl	icable Section XI Cod	le Cases None						
6.	Identific	ation of Components							
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Removed, or	ASME Code Stamp
	11 RHR I	Pump Suction Check				RH-3-2		Corrected ,	
7.	Descrip	tion of Work	Replaced flange fast	Leners.	I,	┛		· · · · · · · · · ·	· · · ·
							/	, <u> </u>	
8.	Tests c	onducted:	Hydrostatic 📋	Pneumatic 🗌	Nominal	Operating Pres		Exempt	
			Other 📋	Pressure <u>No</u>	09	^{7C} ، //1 psi Test Ten IOO	np//	107	°F
Ot	her:					Detti			

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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	PRAIRIE ISLAND	NUCLEAR GE	NERATING PLA	ANT
				EMENT ACTIVITY
·····				
0. Damaska	<i>,</i>		`	ITEM 1-22-046
9. Remarks				
······		· · · · · · · · · · · · · · · · · · ·	·	
<u></u>	. ·	<u></u>		· · ·
· · · ·	·		· · · · · · · · · · · · · · · · · · ·	·····
	· · · ·	i, · -		<i>i</i> ,
	CERTIFICA	ATE OF COMPLIA	NCE	,
We certify that the statement	•	-		he ASME Code, Section XI.
Type Code Symbol Stamp	1/4	• ¹		4,
Certificate of Authorization N	D. NIA	Expiration Date		
	\mathcal{T}			·····
Signed 90	۸ , AS	SME Program Enginee	<u>r</u> Date <u>10/11/04</u>	/,
Own	er or Owner's Designee , Tit	le ,		· · ·
	-			
		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	CERTIFICATE	OF INSERVICE IN	SPECTION	· ,
				1
		· · · · · ·		
I, the undersigned, holding Inspectors and the State				
by HSB Insp. and Ins. Co.			rtford Conn.	have
inspected the components	described in this Owned	er's Report during	the period 06 Ju	<u>Ly 04</u> to
13 OCTOBER 04 , and s	state that to the best of	my knowledge an	d belief, the Owner	has performed
examinations and taken co requirements of the ASME		scribed in this Own	er's Report in accoi	rdance with the
			- · · ·	
By signing this certificate				
implied, concerning the e				
Furthermore, neither the Ir property damage or a loss	spector nor his employ	yer shall be liable i	n any manner for al	ny personal injury or
		in or connected wit		(
_ (Juned) 1		ommissions	AB 1/085 ANI	MJ 21924
Inspector's Signa	ature	Nat	ional Board, Provin	ce and Endorsements
Date	Detales 18 1			
		<u>uuy</u>		-
	•			
		<u></u>		

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ITEM 1-22-046

1.	Owner	Nuclear Management C	Company, LLC		Date 1	0/11/2004			
2.	Plant	Praire Island Nuclear G	Name Senerating Plant		Sheet	. 1	of	2	
		1717 Wakonade Dr. E.	Name Welch Minnesota	55089	0309713, E	EC 1190			
-			Address		R	Repair Organiza	ation P.O. N	lo., Job No., etc	
3.	work Pe	rformed by Owner	Name		Type Code	Symbol Stamp	N/A		
		Same	Mame		Authorizati	ion	N/A		
		A	ddress		Expiration	Date	N/A		
4.	Identific	ation of System RH	l		Code Clas	s	2		
5.	(a) Appli	icable Construction Co	de B16.5	,		•••	Edit	lon	
			Addenda .		Code Case)			
6.	Identific	licable Section XI Code ation of Components nent Name	Cases None Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	12 RHR	Pump Discharge Check	Crane			RH-3-3	-	Corrected	
7. 8.		- onducted:	Replaced flange fa	steners. Pneumatic Pressure	Nominal	Operating Pre	<u> </u>	Exemp	
		(Other []			psi Test Te	emp		°F -

FORM NIS-	2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
Remarks	ITEM 1-22-045
	\ \
<u></u>	
	CERTIFICATE OF COMPLIANCE
Ne certify that the s Type Code Symbol :	tatements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Stamp M/p
Certificate of Author	ization No Expiration Date
Signed	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
pectors and the	holding a valid commission issued by the National Board of Boiler and Pressure Vessel State or Province of And employe
pected the comp ק <i>םבכס</i> ו minations and ta	have of <u>Connecticut</u> of <u>Hartford Conn</u> have bonents described in this Owner's Report during the period <u>3 Jul oy</u> to , and state that to the best of my knowledge and belief, the Owner has performed aken corrective measures described in this Owner's Report in accordance with the ASME Code, Section XI.
lied, concerning thermore, neithe	rtificate neither the Inspector nor his employer makes any warranty, expressed or the examinations and corrective measure described in the Owner's Report. or the Inspector nor his employer shall be liable in any manner for any personal injury of r a loss of any kind arising from or connected with this inspection.
do	Commissions All ma 21724 's Signature National Board, Province and Endorsements

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ITEM 1-22-045

1.	Owne r	Nuclear Manageme	ent Company, LLC		Date 1	1/29/2004			
2.	Plant	Praire Island Nucle	Name ar Generating Plant		- Sheet	1.	of	2	
		1717 Wakonade D	Name r. E, Welch Minnesota	55089	0309967, E	EEC 1389			-
2	Mark Da		Address		F	Repair Organiz	ation P.O. N	lo., Job No., etc	:
3.	WORK Pe	rformed by Owne	Name		Type Code	Symbol Stam	p N/A		
		Same	Hame		Authorizat	ion	N/A		
			Address		Expiration		N/A		
4.	Identific	ation of System	RH	<u>_</u>	Code Clas	S .	2		
5.	(a) Appi	icable Construction	Code B16.5	,		-	Edit	ion	
			Addenda		Code Case	•		•	
6.		ation of Componen	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	RHR to 1	12 CS Orifice			-	6-RH-10B		Corrected -	
			· · · ·					1	·
7.	Descrip	otion of Work	Replaced flange fa	steners.					
8.	Tests c	onducted:	Hydrostatic 🗌	Pneumatic	Nominal	Operating Pre	essure	Exemp	t 🔽
			Other 🛄	Pressure		psi Test Te	emp.		°F
Ot	her:								_

. Remarks		, 44 ¹		·	ITEM 1-22-044	
	<u> </u>	· · · · · ·	<u> </u>			
<u>-</u>			••••	• • •	••••	-
			· · · · · · ·		· .	
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	· ·			· _	· · · · ·	
	CERT	IFICATE OF	COMPLIANCE			
We certify that the stateme	nts made in the report a	are correct and th	his conforms to the	requirements of the	ASME Code, Section XI.	
Type Code Symbol Stamp	- NA		• • •		· ·	_
Certificate of Authorization	No. NIA	Exp	iration Date		· · ·	_
Signed	L	, ASME Prog	ram Engineer Dat	e 10/11/04		

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Owner or Owner's Designee , Title

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CERTIFICATE OF INSERVICE INSPECTION	· .
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> inspected the components described in this Owner's Report during the period <u>26 Jourou</u> <u>14 corou</u> , and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with requirements of the ASME Code, Section XI.	_ and employed _ have to ned
By signing this certificate neither the Inspector nor his employer makes any warranty, expr implied, concerning the examinations and corrective measure described in the Owner's Rep Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal property damage or a loss of any kind arising from or connected with this inspection.	ort.
Date (Control of the second se	orsements

3. Work Performed by

1.

2.

4.

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6.

		• , ·			• _		ITEM 1-22-044
Owner	Nuclear Manageme	ent Company, LLC		Date	10/11/2004		
Plant	Praire Island Nucle	Name ar Generating Plant	<u> </u>	Sheet	1	of	2
	1717 Wakonade D	Name r. E, Welch Minnesota :	55089	0309942,	EEC-1389		
		Address			Repair Organiza	tion P.O. N	lo., Job No., etc
Work Pe	erformed by Owne			Type Cod	de Symbol Stamp	N/A	
	Same	Name		Authoriz	ation	N/A	
	·····	Address		Expiratio	on Date	N/A	
Identific	cation of System	RH	,	Code Cla	ISS	2	
(a) Appl	licable Construction	Code B16.5	,		.*	Edit	lion
		Addenda		Code Ca	50		
(b) App	blicable Edition of S	ection XI Utilized for F	Repair/Replaceme	nt Activity	1989 With N	lo Addenda	1
(c) App	licable Section XI C	ode Cases None					
Identific	cation of Componen	its				·	
Compor	nent Name	Manufacturer	Manufacturer	Nat'l Bd #	Other ID	Yr Built	Corrected, ASME

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
RHR to 11 CS Orifice						Corrected	
· · · · · · · · · · · · · · · · · · ·		-1			_1	- I	1 <u></u>
. Description of Work	Replaced flange fas	teners.	<u> </u>			· · ·	•

8.	Tests conducted:	Hydrostatic 📋	Pneumatic	Nominal Opera	ting Pressure 📋	Exempt 🖌
		Other 📋	Pressure	psi	Test Temp.	°F
Oth	er:					

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			······			
Remarks n/a					ITEM	1-22-043
••••••••••••••••••••••••••••••••••••••	(7)					
· · · · · · · · · · · · · · · · · · ·	•			· .		
			e	•		
<u> </u>	· · · · · · · · · · · · · · · · · · ·		<u></u>			
<u> </u>	CERTIFICATE O	OF COMPLIA	ANCE			
We certify that the statements made in th	e report are correct an	d this conforms	s to the req	uirements of th	e ASME Code,	Section XI.
Type Code Symbol Stamp	14					
Certificate of Authorization No.	IA E	Expiration Date				
				-1 1		
Signed C T	. ASME P	rogram Engine	er Date	5/20/0	Ý.	

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CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Press Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> the components described in this Owner's Report during the period <u>OBAPLO4</u> to and state that to the best of my knowledge and belief, the Owner has performed examinations a measures described in this Owner's Report in accordance with the requirements of the ASME C By signing this certificate neither the Inspector nor his employer makes any warranty, ex- concerning the examinations and corrective measure described in the Owner's Report. F the Inspector nor his employer shall be liable in any manner for any personal injury of property c any kind arising from or connected with this inspection. <u>ULAGO OF</u> Commissions <u>Is 10085 AAJ</u> MA <u>31924</u> National Board, Province and E Date <u>May</u> 21, <u>7004</u>	and employed have inspected <u>21 may ou</u> , and taken corrective code, Section XI. xpressed or implied, urthermore, neither lamage or a loss of

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ITEM 1-22-043	
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1.	Owner	Nuclear Management	t Company, LLC		Date 5	/20/2004			
2.	Plant	Praire Island Nuclear	Name Generating Plant			1	of	2	
		1717 Wakonade Dr. E	Name E, Welch Minnesota 5	55089	0400185				
			Address		Repair Organization P.O. No., Job No., etc				
3.	Work Performed by Owner				Type Code Symbol Stamp		N/A		
	Name				Authorizat	lon	N/A		
			Address		Expiration		N/A		
4.	Identific	ation of System V	<u>′C</u>		Code Clas	S .	2		,
5.	(a) Appli	cable Construction C	ode n/a	,	n/a		Edit	ion	
			Addenda n	/a	Code Case	n/a			
	(b) Appl	icable Edition of Sec	tion XI Utilized for R	enair/Replacemer	nt Activity	1989 With No	Addenda		
				(opanni opna oomor					
	(c) Appl	icable Section XI Cod	le Cases None					·····	
6.	Identific	ation of Components							
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Charging	Pump Packing Assy.	AJAX			Spare	1969	Corrected	
7.	Descrip	tion of Work	Replaced plungers i	n spare charging p	ump packing a	assemblies and g	land plates		
8.	Tests co	onducted:	Hydrostatic 🗌	Pneumatic	Nominal	Operating Pres	sure	Exemp	
			Other	Pressure		psi Test Ten	n p.		°F
Ot	her: n/a	· .							i

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks n/a
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp \sqrt{a}
Certificate of Authorization No. <u>A/A</u> Expiration Date
Signed, ASME Program Engineer Date/_7/a5,, Owner or Owner's Designee , Title
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>It / mayou</u> to <u>10 Jajas</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Jusel ?. Onf Jhspector's Signature Commissions All 1/085 Aut MJ 21924 National Board, Province and Endorsements
Date 10, <u>loos</u>

		<u>.</u>					ITEM 1-22-04	12
Owner	Nuclear Managem	nent Company, LLC		Date 1/	7/2005			
Plant	Praire Island Nucl	Name ear Generating Plant		Sheet	1	of	2	
	1717 Wakonade [Name Dr. E, Welch Minnesota 5	5089	0400361, E	EC 1076			
		Address		R	epair Organiz	ation P.O. N	lo., Job No., etc	
Work F	Performed by Owne	Name		Type Code	Symbol Stam	p N/A		
	Same	Name		Authorizati	on	N/A		
	•····	Address		Expiration		N/A		
Identif	fication of System	CS		Code Class	3	2		
(a) Apj	plicable Constructio	n Code n/a	,	n/a Edition			ion	
								
		Addenda na	la	Code Case	n/a	<u> </u>		
(b) Ap	oplicable Edition of S	Addenda n – Section XI Utilized for R						
	oplicable Edition of S	– Section XI Utilized for R						
(c) Ap	•	– Section XI Utilized for R Code Cases <mark>None</mark>				— No Addenda		
(c) Ap Identii	oplicable Section XI (– Section XI Utilized for R Code Cases <mark>None</mark>					Corrected, Removed, or Installed	Cod
(c) Ap Identif Comp	fication of Compone	– Section XI Utilized for R Code Cases <u>None</u> nts Manufacturer	Manufacturer Serial #	nt Activity	1989 With	······	Corrected, Removed, or	ASM Code Stan
(c) Ap Identif Compo	oplicable Section XI (fication of Compone onent Name	 Section XI Utilized for R Code Cases <u>None</u> nts Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	1989 With	Yr Built	Corrected, Removed, or Installed	Cod Stan
(c) Ap Identif Compo Spare	oplicable Section XI (fication of Compone onent Name	 Section XI Utilized for R Code Cases <u>None</u> nts Manufacturer Name	Manufacturer Serial # 770/17	Naťl Bd #	1989 With Other ID	Yr Built	Corrected, Removed, or Installed	Cod Stan
(c) Ap Identif Compo Spare	oplicable Section XI (fication of Compone onent Name CS Pump	Section XI Utilized for R Code Cases <u>None</u> nts Manufacturer Name Ingersoll Rand	Manufacturer Serial # 770/17	Naťl Bd #	1989 With Other ID	Yr Built	Corrected, Removed, or Installed	Cod Stan
(c) Ap Identif Compo Spare Descr	oplicable Section XI (fication of Compone onent Name CS Pump	Section XI Utilized for R Code Cases None nts Manufacturer Name Ingersoll Rand <u>Replaced mechanica</u>	Manufacturer Serial # 770/17	Nat'l Bd #	1989 With Other ID	Yr Built 1971	Corrected, Removed, or Installed	Cod Star

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NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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میں ہے۔ ج _{را} پیم ایک میں م	AIRIE ISLAND NUCLEAR G ER'S REPORT FOR REF	* 1* • · · ·	· · · · ·
). Remarks			ITEM 1-22-041
	· · · ·		<u></u>
· · · · · ·	۲۰ میں ۲۰۰۰ میں ۲۰۰۰ (۲۰۰۰ میں ۲۰۰۰ (۲۰۰۰ میں ۲۰۰۰ (۲۰۰۰ میں ۲۰۰۰ (۲۰۰۰ (۲۰۰۰ میں ۲۰۰۰ (۲۰۰۰ (۲۰۰۰ (۲۰۰۰ (۲۰۰۰ (۲۰۰۰ (،	······································
	······································	• •	
Type Code Symbol Stamp Certificate of Authorization No. Signed	N/A Expiration Date N/A Expiration Date N/A ASME Program Engine Owner's Designee , Title	e <u>eer</u> Date <u>9/10/04</u>	3
	CERTIFICATE OF INSERVICE I	NSPECTION	
NSPECTORS and the State or YHSB Insp. and Ins. Co. of C Inspected the components des IDSCP04, and state	alid commission issued by the Natio Province of <u>Minnesota</u> onnecticut of <u>H</u> cribed in this Owner's Report durin that to the best of my knowledge a ctive measures described in this Ow de, Section XI.	lartford Conn. g the periodomลy_ou and belief, the Owner has	and employed have to performed
nplied, concerning the examu urthermore, neither the Inspe	ither the Inspector nor his emplo inations and corrective measure ctor nor his employer shall be liable my kind arising from or connected v	described in the Owner in any manner for any p	r's Report.
Inspector's Signature	ε το Ν Λ		nd Endorsements

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ITEM	1-22-041
	1-22-041

1.	Owner Nuclear Management Company, LLC				Date 9/	/10/2004			-
2.	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr. I	Name E, Welch Minnesota 5	5089	0312062				
3.	Address Work Performed by Owner				Repair Organization P.O. No., Job N Type Code Symbol Stamp N/A			o., Job No., etc	
		Same	Name		Authorizati		N/A N/A		
	Address			<u> </u>	Expiration	Date	N/A		
4.	Identific	ation of System V	<u>с</u>		Code Clas	s _{v t}	2		
5.	(a) Appli	cable Construction C	ode	,	n/a		Editi	ion	
			Addenda n/	a	Code Case	n/a `			
	(b) Appl	licable Edition of Sec	tion XI Utilized for R	epair/Replaceme	nt Activity	1989 With N	o Addenda		
	(c) Appl	icable Section XI Cod	le Cases None						
6.	Identific	ation of Components					_		
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Spare Ch Assembli	arging Pump Packing						Corrected	
	L			_ ; 					4
									. 1
7.	Descrip	tion of Work	Rebuilt packing asse	emblies.			<u></u>		
8.	Tests c	onducted:	Hydrostatic 📋	Pneumatic	Nominal	Operating Pres	ssure 🗌	Exemp	t
			Other 📋	Pressure		psi Test Te	mp.		°F
Ot	her:			·				1	-

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-040 9. Remarks . - • • • • • • . . ÷... ----. --• • . . . · · • CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp NIA . 10 1 1 Certificate of Authorization No. N/A Expiration Date *.* . . 8/30/04 Signed ASME Program Engineer Date Owner or Owner's Designee, Title 1. .

CERTIFICATE OF INSERVIO	CE INSPECTION
	; , , , , , , , , , , , , , , , , , , ,
I, the undersigned, holding a valid commission issued by the N Inspectors and the State or Province of <u>Minneso</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of the components described in this Owner's Report during the p and state that to the best of my knowledge and belief, the Owr measures described in this Owner's Report in accordance with	taand employed <u>Hartford Conn</u> have inspected eriod <u>36 FEB 04</u> to <u>31 405-04</u> , her has performed examinations and taken corrective
By signing this certificate neither the Inspector nor his en concerning the examinations and corrective measure desc the Inspector nor his employer shall be liable in any manner fo any kind arising from or connected with this inspection.	ribed in the Owner's Report. Furthermore, neither r any personal injury of property damage or a loss of
Inspector's Signature	NB 12084 ANI MN 21924
Inspector's Signature	National Board, Province and Endorsements
Date Querint 31, 2004	

								ITEM 1-22-0	40
I . -	Owner	Nuclear Manageme	nt Company, LLC		Date 8	/30/2004			
2.	Plant	Praire Island Nuclea	Name or Generating Plant		- Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota	55089	0300884				
. 1	Work Per	formed by Owner	Address	<u> </u>	1	Repair Organiza	tion P.O. N	lo., Job No., etc	
			Name			Symbol Stamp			
		Same			Authorizat		N/A	<u> </u>	
			Address	·	Expiration		N/A		
•	Identifica	ation of System	ZH		Code Clas	S.	3		
i.	(a) Applie	cable Construction (Code B31.1	,	1967	;•	Edit	ion	
			Addenda		Code Case	1			
	(b) Appl	icable Edition of Sec	ction XI Utilized for F	Repair/Replacemen	t Activity	1989 With N	n Addenda		
					·····,				
	(c) Appli	icable Section XI Co	de Cases None						
i .	Identifica	ation of Components	5						
ſ	Compone	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Bullt	Corrected, Removed, or Installed	ASME Code Stamp
	121 Cont. Disch. Flo	Rm Chid. Wtr. Pmp	Dieterich					Corrected	
			Dieterich	<u>}</u>		1		Corrected	}
7.	Descript	lion of Work	Replace flange fas	teners.				<u> </u>	
8.	Tests co	onducted:	Hydrostatic 🔲	Pneumatic [_]	Nominal	Operating Pres	sure	Exemp	t 🔽
									۰F
			Other 📋	Pressure		psi Test Te	mp		
Oth	er:	•	Other 🗌	Pressure		psi Test Te	mp		-

information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

9. Remarks n/a

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ITEM 1-22-039

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	×	tet, e	/		· • ·	
Ve certify that the stat	CI lements made in the rep	ERTIFICATE OF			e ASME Code, Sectio	on XI.
Type Code Symbol Sta	amp	port are correct and t	this conforms to th		e ASME Code, Sectio	on XI.
Type Code Symbol Sta Certificate of Authoriza	amp	port are correct and t		e requirements of th	· · · · · · · · · · · · · · · · · · ·	n XI.
We certify that the stat Type Code Symbol Sta Certificate of Authoriza	amp	Exp	his conforms to th	e requirements of th	· · · · · · · · · · · · · · · · · · ·	n XI.

CERTIFICATE OF INSERVICE INSPECTION	, , , <i>,</i> ,
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> inspected the components described in this Owner's Report during the period <u>Ot. Job</u> <u>Ot</u> <u>30 JULOY</u> , and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expre implied, concerning the examinations and corrective measure described in the Owner's Rep Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal	_ and employed _ have to ied the essed or ort.
Inspector is Signature Inspector is Signature Date Inspector is Signature	

								ITEM 1-22-0	39
1.	Owner	Nuclear Managemer	nt Company, LLC		Date 7	7/29/2004			
2.	Plant	Praire Island Nuclea	Name r Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota	55089	0309640, \$	SPCE-ME-0453, E	EC-1266		
3.	Work Pe	rformed by Owner	Address	<u></u>		Repair Organizal		lo., Job No., etc	;
		Same	Name		Type Code Authoriza	e Symbol Stamp tion	N/A N/A		
			Address		Expiration	n Date	N/A		
4.	Identific	ation of System	VC		Code Clas	SS .	2		
5.	(a) Appli	۔ icable Construction (Code n/a	,	n/a	· · ·	Edit	lon	
		•	Addenda r	n/a	Code Cas	e <u>n/a</u>			
	(b) App	licable Edition of Sec	tion XI Utilized for I	Repair/Replaceme	nt Activity	1989 With No	Addenda		
	(c) Appl	licable Section XI Co	de Cases None						
6.	Identific	ation of Components							
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	12 BATP		Goulds			145-612		Corrected	
7.	Descrip	tion of Work	Replaced the mech	anical seal gland pl	ate.				
8.	Tests c	onducted:	Hydrostatic 🗌	Pneumatic []	Nomina	Operating Press	sure 🗌	Exemp	
			Other 📋	Pressure		psi Test Ten	ıp		۴F
Ot	her: n/a					-			-

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Remarks n/a	
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CERTIFICATE OF COMPLIAN	
We certify that the statements made in the report are correct and this conforms t	
	<u></u>
Signed , ASME Program Engineer	Date 3/31/04
Owner or Owner's Designee, Title	, <u> </u>
Certificate of Authorization NoExpiration Date Signed, ASME Program Engineer	

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 _____ Minnesota____ and employed by HSB Insp. and Ins. Co. of Connecticut have inspected Hartford Conn. of_ the components described in this Owner's Report during the period 15 JAN 04 to <u>of APR oy</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. Commissions NB11085 ANI MA 21924 0009/ National Board, Province and Endorsements Inspector's Signature Date 010

									ITI	EM 1-22-033
1.	Owner	Nuclear Managem	ent Con	npany, LLC			Date 3	/31/2004		
2.	Plant	Praire Island Nucl		i me erating Plant			- Sheet	1	of	2
		1717 Wakonade E		ime alch Minneso	ta 55089		0300326		<u> </u>	
~				Iress		—	F	Repair Organizatio	on P.O. No.,	Job No., etc
3.	WORK PE	rformed by Owne				_	Type Code	Symbol Stamp	N/A	
		Same	Na	me			Authorizat	lon	N/A	
			Add	ress		_	Expiration	Date	N/A	
4.	Identific	ation of System	CL			_	Code Clas	\$	3	
5.	(a) Appli	- blicable Construction C		on Code B31.1 ,		_,	1967		Edition	
				Addenda	n/a	-	Code Case	n/a		
	(b) App	licable Edition of S	Section	XI Utilized fo	or Repair/Repl	acemen	t Activity	1989 With No	Addenda	
	(c) App	licable Section XI (Code Ca	ses Non	9					
6.	Identific	ation of Compone	nts							

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Bullt	Corrected, Removed, or Installed	ASME Code Stamp
11 CL Strainer Backwash Valve (2")	Jamesbury			CV-31652	1970	Removed	
11 CL Strainer Backwash Valve (2")	Jamesbury	T		CV-31652	1999	Installed	

7.	Description of Work	Replaced valve ar	nd flange bolting.		·····
8.	Tests conducted:	Hydrostatic 🗌	Pneumatic	Nominal Operating Pressure	Exempt 🖌
		Other 📋	Pressure	psi Test Temp.	° F
Ot	ner: n/a				

Remarks	ITEM 1-22-032
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	······································
CERTIFICATE OF	COMPLIANCE
Ne certify that the statements made in the report are correct and the	his conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp N/A	·
Certificate of Authorization No.	iration Date
Signed , ASME Prog	gram Engineer Date 2/16/04
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 Minnesota and employed by ____ HSBCT of. Hartford Conn. have inspected the components described in this Owner's Report during the period _______ to 20 FEBOY and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. mart S(Commissions NB 1685 ANI MA 21924 Inspector's Signature National Board, Province and Endorsements Date bruar

ITEM 1-22-032

1.	Owner	Nuclear Manageme	nt Corr	ipany, LLC			Date 12	/10/2003			
2.	Plant	Name t Praire Island Nuclear Generating Plant Sheet			1	of	2				
		1717 Wakonade Dr		ime aich Minnesot	a 55089				- · · ·		
3.	Work Pe	rformed by Owner		iress				epair Organizati		lo., Job No., etc	;
		Same	Na	me		_	Authorizatio	Symbol Stamp on	N/A N/A		
4.	Identific	ation of System	Add VC	ress	·		Expiration I Code Class		N/A 2		
5.	(a) Appl	icable Construction	able Construction Code n/a		_,			Edit	Edition		
				Addenda	n/a	_	Code Case	n/a			
	(b) App	licable Edition of Se	ction	KI Utilized fo	r Repair/Rep	lacemer	nt Activity	1989 With No	Addenda	<u> </u>	
	(c) App	licable Section XI C	ode Ca	ses None	•		<u></u>				
6.	Identific	ation of Component	S								
	Compos	ont Nome		lanufaaturar	Manufa	oturor	Notil Rd #	Other ID	V- Duilt	Corrected	ACHE

 Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Charging Pump Packing Assy.	Ajax			Spare	1969	Corrected	

7.	Description of Work	Replaced plungers a	ind gland plate in spar	e charging pump	packing assemblies.	
8.	Tests conducted:	Hydrostatic 🗌	Pneumatic	Nominal Opera	ting Pressure	Exempt 🖌
		Other 🗌	Pressure	psi	Test Temp.	°F
Oth	er:					

en e	Pat
PRAIRIE ISLAND NUCLEAR FORM NIS-2 OWNER'S REPORT FOR R	
9. Remarks	ITEM 1-22-031
· · · · · · · · · · · · · · · · · · ·	
CERTIFICATE OF CON We certify that the statements made in the report are correct and this cor Type Code Symbol Stamp	
Certificate of Authorization No. N/A Expiration	Date
Signed, ASME Program E	ngineer Date 10/11/04 ,,
CERTIFICATE OF INSERVIO	E INSPECTION
I, the undersigned, holding a valid commission issued by the N Inspectors and the State or Province of Minneso by HSB Insp. and Ins. Co. of Connecticut of	lational Board of Boiler and Pressure Vessel taand employed Hartford Conn. have
inspected the components described in this Owner's Report d <u>03.14465</u> , and state that to the best of my knowledg examinations and taken corrective measures described in this requirements of the ASME Code, Section XI.	uring the period <u>Ib Judo3</u> to ge and belief, the Owner has performed
By signing this certificate neither the Inspector nor his en implied, concerning the examinations and corrective measu Furthermore, neither the Inspector nor his employer shall be li- property damage or a loss of any kind arising from or connected	ure described in the Owner's Report. able in any manner for any personal injury of
Commissions	National Board, Province and Endorsements
Date 03_, <u>1004</u>	

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ITEM 1-22-031

1.	Owner	Nuclear Manageme		Date 10	0/11/2004				
2.	Plant	Praire Island Nuclea	Name ar Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr	Name . E, Welch Minnesota 5	5089	- 0201887				
			Address		R	epair Organiza	tion P.O. N	lo., Job No., etc	
3.	Work Pe	rformed by Owner	·		Type Code	Symbol Stamp	N/A		
		Same	Name		Authorizati		N/A		
		······	Address		Expiration	Date	N/A		
4.	Identific	ation of System	SN		Code Class	5	yes		
5.	(a) Appli	icable Construction	Code B31.1	,	1967	· · · · · · · · · · · · · · · · · · ·	Edit	ion	
			Addenda n/	a	Code Case	n/a			
				·····					
	(b) App	licable Edition of Se	ction XI Utilized for Re	epair/Replaceme	nt Activity	1989 With N	o Addenda		
			ection XI Utilized for Re	epair/Replaceme	nt Activity	1989 With N	o Addenda		
		licable Edition of Se licable Section XI Co		epair/Replaceme	nt Activity	1989 With N	o Addenda		
6.	(c) Appl		ode Cases None	epair/Replaceme	nt Activity	1989 With N	o Addenda		
6.	(c) Appl Identific	licable Section XI C	ode Cases None	epair/Replacemen Manufacturer Serial #	nt Activity	1989 With N Other ID	o Addenda Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
6.	(c) Appl Identific	licable Section XI Co ation of Component nent Name	ode Cases None ts Manufacturer	Manufacturer				Corrected, Removed, or	Code
6.	(c) Appl Identific Compon	licable Section XI Co ation of Component nent Name	ode Cases None ts Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
6.	(c) Appl Identific Compon	licable Section XI Co ation of Component nent Name	ode Cases None ts Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
	(c) Appl Identific Compon Snubber	licable Section XI Constraints of Component ment Name	ode Cases <u>None</u> ts Manufacturer Name Basic Engineers	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
6.	(c) Appl Identific Compon Snubber	licable Section XI Co ation of Component nent Name	ode Cases None ts Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
	(c) Appl Identific Compon Snubber Descrip	licable Section XI Constraints of Component ment Name	ode Cases <u>None</u> ts Manufacturer Name Basic Engineers	Manufacturer	Nat'l Bd #	Other ID	Yr Built 1969	Corrected, Removed, or Installed	Code Stamp

	· . · · ·
PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT A	ACTIVITY
9. Remarks	1-22-030
· · ·	·······
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Type Code Symbol Stamp	Section XI.
Certificate of Authorization No. N/A Expiration Date	· · · .
Signed ASME Program Engineer Date 10/11/04	
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 Inspectors and the State or Province of <u>Minnesota</u>	Vessel and employed
by HSB Insp. and Ins. Co. of Connecticut of Hartford Conn.	have
inspected the components described in this Owner's Report during the period As	_to
<i>I oct of</i> , and state that to the best of my knowledge and belief, the Owner has performe 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, express mplied, concerning the examinations and corrective measure described in the Owner's Repor Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal in property damage or a loss of any kind arising from or connected with this inspection.	rt.
Commissions AB Pass AVI MA 21924	·
hspector's Signature OnthissionsNational Board, Province and Endor	sements
Date Coder 11 loog	

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ITEM	1 22 020	
11514	1-22-030	

1.	Owner	Nuclear Manageme	nt Company, LLC		Date 1	0/11/2004			
2.	Plant	Praire Island Nucles	Name ar Generating Plant		- Sheet	1	of	2	
		1717 Wakonade Dr	Name E, Welch Minnesota 5	5089	0201885				
_			Address		F	Repair Organiza	tion P.O. N	lo., Job No., etc	
3.	Work Pe	rformed by Owner			Type Code	Symbol Stamp	N/A		
		Same	Name		Authorizat	tion	N/A		
			Address		Expiration	Date	N/A		
4.	Identific	ation of System	SN		Code Clas	s _t	yes		
5.	(a) Appli	icable Construction	Code B31.1	,	1967		Edit	ion	
			Addenda n/	a	Code Case	e n/a			
	(b) App	licable Edition of Se	ection XI Utilized for Re	epair/Replaceme	nt Activity	1989 With N	lo Addenda		
6.	(c) Appl	licable Edition of Se licable Section XI C cation of Componen		epair/Replaceme	nt Activity	1989 With N	lo Addenda		
6.	(c) Appl Identific	licable Section XI C	ode Cases None	epair/Replacemei Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With N Other ID	lo Addenda Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
6.	(c) Appl Identific	licable Section XI C cation of Componen nent Name	ode Cases <u>None</u> ts Manufacturer	Manufacturer				Corrected, Removed, or	Code
6.	(c) Appi Identific Compon Snubber	licable Section XI C cation of Componen nent Name	ode Cases <u>None</u> ts Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
	(c) Appl Identific Compon Snubber Descrip	licable Section XI C	ode Cases <u>None</u> ts Manufacturer Name Basic Engineers	Manufacturer	Naťi Bd #	Other ID	Yr Built 1970	Corrected, Removed, or Installed	Code Stamp

PRAIRIE ISLAND NUCLEAR GENERATING FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPL	
9. Remarks	ITEM 1-22-029
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· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	·
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the requirement Type Code Symbol Stamp $n//A$	its of the ASME Code, Section XI.
Certificate of Authorization NoExpiration Date	· · · · · · · · · · · · · · · · · · ·
Signed ASME Program Engineer Date/0/	11/04
Owner or Owner's Designee, Title	
	н н н н н н н н н н н н н н н н н н н
	
CERTIFICATE OF INSERVICE INSPECTION	and the second
I, the undersigned, holding a valid commission issued by the National Board of Bo	
Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp_and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u>	and employed have
inspected the components described in this Owner's Report during the period	7APR03 to
, and state that to the best of my knowledge and belief, the Ov	
examinations and taken corrective measures described in this Owner's Report in a requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any implied, concerning the examinations and corrective measure described in the Furthermore, neither the Inspector nor his employer shall be liable in any manner to any manner to the second s	e Owner's Report.
property damage or a loss of any kind arising from or connected with this inspectio	
Commissions No 1/085 AU	mn 21924
	rovince and Endorsements
Date	
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ITEM 1-22-029

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1.	Owner	Nuclear Managemen	t Company, LLC		Date 1	0/11/2004			
2.	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota 5	5089	0201884			· · · -	
			Address		F	Repair Organizat	ion P.O. N	lo., Job No., etc	
3.	Work Pe	rformed by Owner			Type Code	Symbol Stamp	N/A		
		Same	Name		Authorizat		N/A		,
			Address		Expiration	Date	N/A		,
4.	Identific	ation of System	Snubber		Code Clas	S	yes		
5.	(a) Appli	cable Construction C	ode <u>B31.1</u>	,	1967	<u> </u>	Edit	lon	
			Addenda n/	a	Code Case	n/a			
	(b) Appi	licable Edition of Sec	tion XI Utilized for R	epair/Replacemer	nt Activity	1989 With No	o Addenda		
	(c) Appl	icable Section XI Co	de Cases None						
6.	Identific	ation of Components							
•••	r				,	<u> </u>			
	Compon	ent Nam o	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Snubber		Basic Engineers			PI-110	1969	Corrected	
					· <u> </u>				<u></u>
			•						•
7.	Descrip	tion of Work	Replaced piston.	<u></u>					
8.	Tests c	onducted:	Hydrostatic 🗌	Pneumatic	Nominal	Operating Pres	sure 🗌	Exemp	t 🗌
			Other 🔽	Pressure		psi Test Ter	np		°F
Ot	her: Snu	bber will be functional	ly tested after reassem	bly. Test results v	will be attache	ed to the work ord	ler.		-

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PR FORM NIS-2 OWN	AIRIE ISLAND NUCL ER'S REPORT FO		der in der der der	
9. Remarks		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	TEM 1-22-028
<u> </u>				
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	·	•	· · ·	· · · · · · · · · · · · · · · · · · ·
,		·····		
		· · · ·		·
	CERTIFICATE O			; ·
We certify that the statements ma Type Code Symbol Stamp	de in the report are correct and \mathcal{N}/\mathcal{A}	this conforms to the r	equirements of the ASME C	Code, Section XI.
Certificate of Authorization No.	N/A Ex	piration Date		· · · · · · · · · · · · · · · · · · ·
Signed	A SME DO	gram Engineer Date	10/11/04	
	Owner's Designee , Title			*
	••••••••••••••••••••••••••••••••••••••			
	·· ·	• • • • • • •	. •	
				· · ·
I, the undersigned, holding a v	CERTIFICATE OF INS	÷ .	• • • •	ure Vessel
Inspectors and the State or	Province ofM	innesota	···· · · · · · · · · · · · · · · · · ·	and employed
by HSB Insp. and Ins. Co. of C		of <u>Hartford</u>		have
inspected the components des 03JAyos , and state examinations and taken correct requirements of the ASME Coo	that to the best of my kn tive measures described	owledge and belie	of, the Owner has perfo	to brmed ith the
By signing this certificate ne implied, concerning the exam Furthermore, neither the Inspe property damage or a loss of a	inations and corrective ctor nor his employer sha	measure describ Il be liable in any	ed in the Owner's R manner for any persor	eport.
hspector's Signature	Commis		<u>s مما سم عامع</u> Board, Province and E	ndorsements
Date	<u>y 03</u> , <u>2004</u>			,

ITEM	1-22.	-028	

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1.	Owner	Nuclear Managemen	t Company, LLC		Date 1	0/11/2004			
2.	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota 5	5089	0201883				
-		<u> </u>	Address	<u></u>	٩	Repair Organiza	tion P.O. N	lo., Job No., etc	
3.	Work Pe	rformed by Owner			Type Code	Symbol Stamp	N/A		
		Same	Name		Authorizat	ion	N/A		
		·	Address		Expiration	Date	N/A		
4.	Identific	ation of System	5N		Code Clas	S .	yes		
5.	(a) Appli	- icable Construction C	Code B31.1	,	1967		Edit	ion	-
			Addenda n/	a	Code Case	en/a			
		licable Edition of Sec licable Section XI Co		epair/Replaceme	nt Activity	1989 With N	lo Addenda		
6.	(c) Appl Identific		de Cases None	epair/Replacemen Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With N Other ID	o Addenda Yr Built	Corrected,	ASME Code
6.	(c) Appl Identific	licable Section XI Co ation of Components	de Cases <u>None</u> Manufacturer	Manufacturer					
6.	(c) Appl Identific	licable Section XI Co ation of Components ent Name	de Cases <u>None</u> Manufacturer	Manufacturer				Corrected, Removed, or	Code
6.	(c) Appl Identific Compon Snubber	licable Section XI Co ation of Components ent Name	de Cases <u>None</u> Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed Corrected	Code Stamp
	(c) Appl Identific Compon Snubber Descrip	licable Section XI Co ation of Components ment Name	de Cases <u>None</u> Manufacturer Name Basic Engineers	Manufacturer	Nat'l Bd #	Other ID	Yr Built 1969	Corrected, Removed, or Installed Corrected	Code Stamp

PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEM	
	ITEM 1-22-026
Remarks	······································
	· · · ·
	· · · · · · · · · · · · · · · · · ·
	···· ·
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the requirements of the A	SME Code, Section XI.
Type Code Symbol Stamp	
Certificate of Authorization No. 1/4Expiration Date	
Signed ASME Program Engineer Date _///3/05	
Owner or Owner's Designee, Title	. (
	· · · · · · ·
CERTIFICATE OF INSERVICE INSPECTION	
	. :
the undersigned, holding a valid commission issued by the National Board of Boiler and I	Pressure Vessel
spectors and the State or Province of <u>Minnesota</u> HSB Insp. and Ins. Co. of Connecticut of Hartford Conn.	and employed
HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. pected the components described in this Owner's Report during the period 13 Javos	have to
13 JANos, and state that to the best of my knowledge and belief, the Owner has	performed
aminations and taken corrective measures described in this Owner's Report in accordan quirements of the ASME Code, Section XI.	ce with the
signing this certificate neither the Inspector nor his employer makes any warrant plied, concerning the examinations and corrective measure described in the Owne	
rthermore, neither the Inspector nor his employer shall be liable in any manner for any p	
operty damage or a loss of any kind arising from or connected with this inspection.	
true ?. Al Commissions Neiloss ANI MAS	1924
Inspector's Signature National Board, Province a	
ate 13, <u>2005</u>	
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Name 2. Plant Praire Island Nuclear Generating Plant Sheet Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0101496 Address Re		ORN	ANIS-2						TING PLAN / REPLAC	-		TY
Name Name 2. Plant Praire Island Nuclear Generating Plant Sheet Name Name 0101496 1717 Wakonade Dr. E, Welch Minnesota 55089 0101496 Address Rd 3. Work Performed by Owner Type Code Same Address Rd Address Expiration Id Address Code Class Same Code Class Addenda n/a Code Class (b) Applicable Construction Code B31.1 Addenda n/a Code Cases (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None 5. Identification of Components Manufacturer Manufacturer Nat'l Bd # Snubber Basic Engineers Identified for Repair # Nat'l Bd #											ITEM 1-22-02	26
2. Plant Praire Island Nuclear Generating Plant Sheet Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0101496 Address Rd 3. Work Performed by Owner Type Code Same Address Expiration I Address Expiration I Code Class 4. Identification of System SN Code Class 5. (a) Applicable Construction Code B31.1 1967 Addenda n/a Code Class (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None 5. Identification of Components Manufacturer Manufacturer Nat'l Bd # Snubber Basic Engineers Identificaturer Nat'l Bd #)	wner	Nuclear Mar	agement Co	ompany, LLC			Date 1	/13/2005			
1717 Wakonade Dr. E, Welch Minnesota 55089 0101496 Address Re 3. Work Performed by Owner Type Code Name Authorization Same Authorization Address Expiration II Address Code Class 4. Identification of System SN 5. (a) Applicable Construction Code B31.1 1967 Addenda n/a Code Class (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None 3. Identification of Components Manufacturer Manufacturer Nat'l Bd # Snubber Basic Engineers Integers Integers Integers	1	lant	Praire Island	I Nuclear Ge				– Sheet	1	of	2	
3. Work Performed by Owner Type Code Name Authorization Same Authorization Address Expiration I 4. Identification of System SN Code Class 5. (a) Applicable Construction Code B31.1 1967 Addenda n/a Code Cases (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity Code Cases (c) Applicable Section XI Code Cases None 5. Identification of Components Manufacturer Manufacturer Snubber Basic Engineers Identificaturer			1717 Wakor	nade Dr. E, V		a 550	189	0101496				
Name Authorization Same Authorization Address Expiration I Address Expiration I Address Code Class S. (a) Applicable Construction Code B31.1 1967 Addenda n/a Code Class (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity Code Cases (c) Applicable Section XI Code Cases None Identification of Components Manufacturer Manufacturer Snubber Basic Engineers Identified #					Address				Repair Organizati	ion P.O. No	o., Job No., etc	
Same Authorization Address Expiration II Address Code Class 5. (a) Applicable Construction Code B31.1 1967 Addenda n/a Code Class (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity Code Cases (c) Applicable Section XI Code Cases None 5. Identification of Components Manufacturer Manufacturer Snubber Basic Engineers Identification	V	ork Per	formed by	Owner	Mana			Type Cod	e Symbol Stamp	<u>N/A</u>		
Address SN Code Class 5. (a) Applicable Construction Code B31.1 1967 Addenda n/a Code Class (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None 3. Identification of Components Manufacturer Manufacturer Nat'l Bd # Snubber Basic Engineers Identification Identification				Same	Name			Authoriza	tion	<u>N/A</u>		
5. (a) Applicable Construction Code B31.1 , 1967 Addenda n/a Code Cases (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None Identification of Components Component Name Manufacturer Manufacturer Nat'l Bd # Snubber Basic Engineers Manufacturer					Address			Expiration	n Date	<u>N/A</u>		
Addenda n/a Code Cases (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None 5. Identification of Components Nanufacturer Manufacturer Nat'l Bd # Snubber Basic Engineers Identification Identification	c	dentifica	ation of Syst	em SN				Code Clas	ss yes			
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity (c) Applicable Section XI Code Cases None 5. Identification of Components Component Name Manufacturer Name Serial # Snubber Basic Engineers	ć	a) Appli	cable Const	uction Cod	e B31.1			1967	Edition			
(c) Applicable Section XI Code Cases None 5. Identification of Components Identification of Components Component Name Manufacturer Manufacturer Snubber Basic Engineers Identification				Addenda	n/a			Code Cas	es <u>n/a</u>			
3. Identification of Components Component Name Manufacturer Name Manufacturer Serial # Nat'l Bd # Snubber Basic Engineers Image: Second	1	b) Appli	cable Editio	n of Section	NXI Utilized for	Repa	air/Replacement	Activity	1989 With No	Addenda		
Component NameManufacturer NameManufacturer Serial #Nat'l Bd #SnubberBasic Engineers					ases None							
Name Serial # Snubber Basic Engineers	C	dentifica	ation of Com	ponents								
	(Compo	nent Name					Nat'l Bd #	f Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
7. Description of Work Replaced piston and cylinder.	•	Snubber			Basic Enginee	rs			PI-499	1969	Corrected	
	1	Descrip	tion of Work	Re	eplaced piston a	nd cy	/linder.					
8. Tests conducted: Hydrostatic Pneumatic Nominal Operation		Tests co	onducted:	н	vdrostatic 🗌	Pne	umatic N	ominal Ope	erating Pressure	Exem	pt	
Other 🔽 Pressure psi				O	ther 🔽	Pre	ssurø	p	si Test Temp.		۰F	·、

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NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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<i>PRA</i> FORM NIS-2 OWNE	IRIE ISLAND NÚ R'S REPORT F	· · · · · · · ·		
9. Remarks	· · ·:		· · ·	ITEM 1-22-025
•		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
-		· · ·	· · ·	· · · · · · · · · · · · · · · · · · ·
			· .	
<u> </u>	•	· _ · ·		
· · · ·	CERTIFICATE	OF COMPLIANC	E	
We certify that the statements made Type Code Symbol Stamp	e in the report are correct a	nd this conforms to t	he requirements of the AS	SME Code, Section XI.
Certificate of Authorization No.	NIA	Expiration Date	· ·	· · · · · · · · · · · · · · · · · · ·
Signed	, ASME I	Program Engineer	Date 10/13/04	
	wner's Designee , Title			,
			· .	
<u>, </u>		· • •··	· · ·	
I, the undersigned, holding a val Inspectors and the State or F by <u>HSB Insp. and Ins. Co. of Co</u> inspected the components desc	Province of nnecticut ribed in this Owner's I	by the National I Minnesota of <u>Hartfo</u> Report during the	Board of Boiler and F	and employed have to
<u>и осточ</u> , and state t examinations and taken correcti requirements of the ASME Code	ve measures describ	knowledge and b ed in this Owner's	elief, the Owner has s Report in accordan	performed ce with the
By signing this certificate neiti implied, concerning the examir Furthermore, neither the Inspec property damage or a loss of an	nations and correctiv tor nor his employer s	e measure desc hall be liable in a	ribed in the Owner ny manner for any p	r's Report.
Inspector's Signature	Сотг Сотг 	nissions <u>Ne</u> Nation	al Board, Province a	nd Endorsements

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ITEM 1-22-025

Owne	er Nuclear Managemer	nt Company, LLC		Date 10)/13/2004			
. Plant	Praire Island Nuclea	Name r Generating Plant			1	of	2	
	1717 Wakonade Dr.	Name E, Welch Minnesota 5	5089	- 0004271				
		Address	••••••	R	epair Organiza	tion P.O. N	lo., Job No., etc	
Work	Performed by Owner			Type Code	Symbol Stamp	N/A		
	Same	Name		Authorizatio	on	N/A		
		Address	· · · · · · · · · · · · · · · · · · ·	Expiration I	Date	N/A		
ldent	tification of System	SN		Code Class	3	yes		
(a) A	pplicable Construction (Code B31.1	,	1967	<u>.</u>	Edit	ion	
					-1-			
	Applicable Edition of Sec Applicable Section XI Co			Code Case nt Activity	n/a 1989 With N	o Addenda		
(c) A Ident		ction XI Utilized for Re de Cases <u>None</u>			·	o Addenda Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
(c) A Ident	Applicable Section XI Co tification of Components	ction XI Utilized for Re de Cases <u>None</u> s Manufacturer	epair/Replacemen	nt Activity	1989 With N		Corrected, Removed, or	
(c) A Ident Com Snub	Applicable Section XI Co tification of Components	ction XI Utilized for Ro de Cases <u>None</u> s Manufacturer Name	epair/Replacemen	nt Activity	1989 With N Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) A Ident Comp Snub	Applicable Section XI Co tification of Components ponent Name	ction XI Utilized for Ro de Cases <u>None</u> s Manufacturer Name Basic Engineers	epair/Replacemen	nt Activity Nat'l Bd #	1989 With N Other ID	Yr Built 1969	Corrected, Removed, or Installed	Code Stamp

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY				
Remarks		· · · · · · · · · · · · · · · · · · ·	ITEM 1-22-024	
· · · · · · · · · · · · · · · · · · ·		· · ·	· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· ·		
		·		
We certify that the statements Type Code Symbol Stamp	CERTIFICATE OF COM made in the report are correct and this cont NIA		e ASME Code, Section XI.	
Certificate of Authorization No	Expiration I	Date		
Signed		gineer Date <u>10/13/</u>	64	
Owne	r or Owner's Designee , Title		1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
•	na i iza na manana ayaa m	· • · · · · · · · · · · · · · · · · · ·		
the undersigned, holding spectors and the State	CERTIFICATE OF INSERVIC a valid commission issued by the N or Province of <u>Minnesot</u>	ational Board of Boiler a	nd Pressure Vessel	
/HSB Insp. and Ins. Co. c spected the components المحتصر and s	ofofofof described in this Owner's Report du tate that to the best of my knowledg rrective measures described in this	Hartford Conn. ring the period 30 ocr e and belief, the Owner I	<u>o2</u> to has performed	
plied, concerning the ex urthermore, neither the In	neither the Inspector nor his em caminations and corrective measu spector nor his employer shall be lia of any kind arising from or connecte	re described in the Ov ble in any manner for an	vner's Report.	
Inspector's Signa	ture Commissions	National Board, Provinc	al924	

ITEM 1-22-024

1.	Owner Nuclear Management Company, LLC				Date 1	10/13/2004				
2.	Plant	Praire Island Nucle	Name Island Nuclear Generating Plant		Sheet	1	of	2		
	Name 1717 Wakonade Dr. E, Welch Minnesota 55089			5089	0004270					
2	Address Work Performed by Owner				Repair Organization P.O. No., Job No., etc					
υ.	Name							N/A N/A		
	Same Address									
					Expiration Date		N/A	N/A		
4.	Identific	ation of System	SN		Code Class		yes	yes		
5.	(a) Appli	icable Construction	Code B31.1 ,		1967		Edit	Edition		
		Addenda n/a			Code Case	Code Case n/a				
	(h) Ann	licable Edition of S	ection XI Utilized for R	enair/Renlaceme	nent Activity 1989 With No Addend					
				opannopiaconio	ine / tour incy					
	(c) Applicable Section XI Code Cases None								<u> </u>	
6.	Identific	ation of Componen	its							
	Compon	ient Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp	
	Snubber		Basic Engineers			PI-429	1969	Corrected		
	L				.	·			· · · · · ·	
7.	Descrip	Description of Work Replaced piston and cylinder.								
8.	Tests c	onducted:	Hydrostatic 🗌	rostatic Pneumatic		Nominal Operating Pressure			Exempt 🗹	
			Other 🔽	Pressure		psi Test Tei	mp.		°F	
Ot	her: Snu	ubber will be function	ally tested after reasser	nbly. Test results	will be attache	d to the work or	ler.		-	
			the second	10				, .t		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

1

Remarks	ITEN	1-22-021
n/a		
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CE	ERTIFICATE OF COMPLIANCE	· · · · · · · · · · · · · · · · · · ·
	port are correct and this conforms to the requirements of the ASME Code,	Section XI.
./	,	
Certificate of Authorization No.	Expiration Date	
Signed	, ASME Program Engineer Date 1/23/04	
Owner or Owner's D		·

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>Minnesota</u> and employed by <u>HS&CT</u> of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>17 JUN 03</u> to <u>26 JAN 04</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.							
Image: Commission Commission Image: Commission Commission							
Date <u>January 26</u> , <u>Noo4</u>							

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						ITE	M 1-22-021
1.	Owner	Nuclear Management Company, LLC		Date 6	/14/2003		
2. Plant		Name Praire Island Nuclear Generating Plant		– Sheet	1	of	2
		Name 1717 Wakonade Dr. E, Welch Minnesota 55	5089	0303035			·····
-		Address	<u> </u>	F	lepair Organizatio	on P.O. No., .	Job No., etc
3.	work Pe	rformed by Owner	<u> </u>	Type Code	Symbol Stamp N/A		
		Name Same		Authorization		N/A	
		Address	<u> </u>	Expiration	Date	N/A	
4.	Identific	cation of System VC		Code Clas	5	2	
5.	(a) Appl	icable Construction Code	,	n/a		Edition	
		Addenda n/a	1	Code Case	n/a		
	(b) App	licable Edition of Section XI Utilized for Re	pair/Replaceme	ent Activity	1989 With No	Addenda	
	(c) App	licable Section XI Code Cases None					
6.	Identific	cation of Components					

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID		Corrected, Removed, or Installed	ASME Code Stamp
Charging Pump Packing Assy.	AJAX			Spare	1969	Corrected	

7.	Description of Work	Replaced plungers	mp packing assemblies.	···	
8.	Tests conducted:	Hydrostatic 🗌	Pneumatic	Nominal Operating Pressure	Exempt 🖌
		Other 📋	Pressure	psi Test Temp.	° F
Oth	er: n/a				

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9. Remarks				
n/a	· · · · · · · · · · · · · · · · · · ·		· -	
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	CERTIFICATE OF COMPLIANCE		
We certify that the statements made in the	e report are correct and this conforms to the rec	juirements of the ASME	Code, Section XI.
Type Code Symbol Stamp	14		
Certificate of Authorization No.	A Expiration Date		<u> </u>
Signed	, ASME Program Engineer Date	11/25/03	,
Owner or Owne	r's Designee, Title		
			tin a second
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CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by <u>HS6C7</u> of <u>Hartford Conn.</u> inspected the components described in this Owner's Report during the period <u>24 JoL03</u> <u>J6 NOV 03</u> , and state that to the best of my knowledge and belief, the Owner has performe examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	and employed have _ to ed
By signing this certificate neither the Inspector nor his employer makes any warranty, expre implied, concerning the examinations and corrective measure described in the Owner's Repo Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal in property damage or a loss of any kind arising from or connected with this inspection.	rt.
Inspector's Signature Commissions <u>AB 17085 AN1 MA 21924</u> National Board, Province and Endo	rsements
Date	

ITC.	4 00 040	
ITEM	1-22-018	

1.	Owner	Nuclear Manageme	ent Corr	ipany, LLC			Date 7/10/2003			
2.	Plant	Praire Island Nucle		ime erating Plant			Sheet	1	of	2
		1717 Wakonade D		ime Ich Minnesc	ota 55089	9 0304096, EEC-12				
3.	Work Pe	rformed by Owne		iress		_		Repair Organizatio	on P.O. No., J	ob No., etc
		Same	Na	me			Authorizati	Symbol Stamp	N/A N/A	
4.	Address Identification of System VC		_	Expiration Date Code Class		N/A 2				
5.	(a) Appli	icable Construction	Code	n/a		,	n/a	/a		
				Addenda	n/a		Code Case	n/a		
	(b) Applicable Edition of Section XI Utilized for Repair/Replace						ement Activity 1989 V		With No Addenda	
	(c) App	licable Section XI C	ode Ca	ses Non	e			· · · · · · · · · · · · · · · · · · ·		
6.	Identific	ation of Componen	ts							

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
12 BATP	Goulds			145-612		Corrected	

7.	Description of Work	Replaced the mechanical seal gland plate and backing plate.						
8.	Tests conducted:	Hydrostatic [_]	Pneumatic[^[]]	Nominal Operating Pressure	Exempt			
		Other 🗸	Pressure	psi Test Temp.	° F			
Othe	er: Operational leakage test							

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emarks n/a		·			•	
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		IFICATE OF				
		•			f the ASME Co	de, Section XI.
Type Code Symbol Stamp	made in the report a $\sqrt{ A }$	re correct and th	is conforms to t		f the ASME Co	de, Section XI.
Type Code Symbol Stamp	made in the report a $\sqrt{ A }$	re correct and th		he requirements o		de, Section XI.
Type Code Symbol Stamp	made in the report a $\sqrt{ A }$	re correct and th	ration Date	he requirements o	f the ASME Co	de, Section XI.
Certificate of Authorization No.	made in the report a $\sqrt{ A }$	Expire correct and th Expire ASME Progr	is conforms to t ration Date ram Engineer	he requirements o		de, Section XI.
Type Code Symbol Stamp Certificate of Authorization No. Signed	made in the report a	Expire correct and th Expire ASME Progr	ration Date	he requirements o		ode, Section XI.

CERTIFICATE OF INSERVICE INSPECTION	
	and employed have _ to ed ne ssed or rt.
Date, 2003, 2003, <u>NB 12085 ANI MN 31924</u> National Board, Province and Endor	rsements

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ITEM 1-22-017

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1.	Owner Nuclear Management Company, LLC				r Nuclear Management Company, LLC Date		6/30/03			
- 2. Plant l		Name Praire Island Nuclear Generating Plant					1	of	2	
	Name 1717 Wakonade Dr. E, Welch Minnesota 55089				- 0304407	·				
3.	Address 3. Work Performed by Owner				_		epair Organizatio	-	lob No., etc	
	Name			Authorizati	Symbol Stamp on	N/A N/A				
4.	Identific	ation of System	Address L			Expiration Code Class		N/A 3		
5.	(a) Appi	pplicable Construction Code B31.1		· · · · · · · · · · · · · · · · · · ·	,	1967		Edition		
			Addenda	n/a		Code Case	n/a			
	(b) App	licable Edition of Sec	tion XI Utilized fo	or Repair/Rep	olacemen	t Activity	1989 With No	Addenda		
	(c) App	licable Section XI Co	le Cases N-41	6-1						
•										

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
CL supply to D2 pipe				6-CL-30		Corrected	

7.	Description of Work	Replaced 2 section	Replaced 2 sections of 6" pipe.							
8.	Tests conducted:	Hydrostatic 📋	Pneumatic	Nominal Operating Pressure	Exempt					
		Other 🟹	Pressure	psi Test Temp.	F					
Ot	ner: A system leakage test	as allowed by Code C	ase N-416 will be con	ducted after the repair.						

emarks						ITEM	1-22-016
n/a	• •	· 1					• •
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		$\sim q_{\rm e} t$					
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			MPLIANCE			<u> </u>	
We certify that the statements ma				requirements	of the ASME	Code, S	ection XI.
	ade in the report are co	prrect and this c		requirements	of the ASME	Code, S	ection XI.
Type Code Symbol Stamp	ade in the report are co	prrect and this c	conforms to the	requirements	s of the ASME	Code, S	ection XI.
Type Code Symbol Stamp	ade in the report are co	prrect and this c	conforms to the		· · · · · · · · · · · · · · · · · · ·	Code, S	ection XI.
Type Code Symbol Stamp Certificate of Authorization No Signed	ade in the report are co $\frac{N/A}{N/A}$	errect and this c	conforms to the		· · · · · · · · · · · · · · · · · · ·	Code, S	ection XI.
We certify that the statements ma Type Code Symbol Stamp Certificate of Authorization No. Signed	ade in the report are co <u>N/A</u> <u>N/A</u> D/	errect and this c	on Date Engineer Dat		· · · · · · · · · · · · · · · · · · ·	Code, S	ection XI.

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>Minnesota</u> and employed by <u>HSB CT</u> of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>23 JrA 03</u> to <u>O3 JrA 03</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions <u>NB 12085 ANI MN 21924</u> National Board, Province and Endorsements
Date23, 2003

TEM	1-22-016	
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1.	Owner	Nuclear Management Company, LLC			Date	5/2	5/20/03				
2.	Name Plant Praire Island Nuclear Generating Plant					Sheet		1	of	2	
		1717 Wakonade D	Namo r. E, Welch	-	ota 55089		0211311	, SP	CE-ME-0453		
3.	Work Pe	rformed by Owne	Addre: r	SS					pair Organizati		Job No., etc
	Name				Type Code Symbol Stamp Authorization		N/A N/A				
4.	Identific	ation of System	Addres VC	55		<u> </u>	Expiratio Code Cl		ate	N/A 2	
5.	(a) Appli	icable Construction	Code r	n/a		,	n/a			Edition	
			Ad	ddenda	n/a		Code Ca	SØ	n/a		
	(b) App	licable Edition of S	ection XI I	Utilized fo	or Repair/R	eplacemei	nt Activity		1989 With No	Addenda	
	(c) App	licable Section XI C	ode Case	s Non	e					-	

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 Boric Acid Transf. Pump	Goulds			145-611		Corrected	

7.	Description of Work	Replaced the mechanical seal gland plate - Discharge end.							
8.	Tests conducted:	Hydrostatic 🗌	Pneumatic	Nominal Oper	Exempt 🖌				
		Other []	Pressure	psi	Test Temp.	F			
Otł	ner: n/a								

Remarks							ITEM 1-22-015
n/a						· · ·	- · · ·
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Certificate of	Authorization	No. Al	2	·	ion Date		,
		VL.	, AS		n Engineer Date	615103	• • •
Signed		Wher or Own		tle			
Signed		Owner or Own	er's Designee , Ti	tle		a.	
Signed		Owner or Own		tle	•		
Signed		Owner or Own			·		
Signed		Owner or Own		tie			
Signed	C 		er's Designee , Ti				·
Signed	c		er's Designee , Ti		VICE INSPECTIO	N	
	<u>, 6</u>	CE	er's Designee , Ti RTIFICATE O	FINSER			
the undersig	gned, holdir	CE ng a valid c	er's Designee , Ti RTIFICATE O ommission iss	F INSER	e National Board o		
the undersig	gned, holdir nd the Stat	CE ng a valid c	er's Designee , Ti RTIFICATE O	F INSER ued by th	e National Board o	of Boiler and Pro	and employed
the undersignspectors and	gned, holdir nd the Stat HSB CT	CE ng a valid c te or Prov	er's Designee , Ti RTIFICATE O ommission iss ince of	F INSER ued by th <u>Ainnesota</u> of	e National Board o	of Boiler and Pre	and employed have
the undersignspectors are spected the	gned, holdir nd the Stat <u>HSR CT</u> component	CE ng a valid c te or Prov ts describe	er's Designee , Ti RTIFICATE O ommission iss ince ofM d in this Owne	F INSER ued by th <u>Ainnesota</u> of	e National Board o Hartford Con	of Boiler and Pro n. כז לטאוס א	and employed have to
the undersignspectors ar	gned, holdir nd the Stat <i>HSB CT</i> components, and	CE ng a valid c te or Prov ts describe I state that	RTIFICATE O ommission iss ince ofN d in this Owne to the best of i	UF INSER ued by th <u>Ainnesota</u> of ir's Repor	e National Board o	of Boiler and Pro n. <u>33 לטאס</u> Ne Owner has po	and employed have to erformed

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

Commissions	National Board, Province and Endorsements
Inspector's Signature	
Date 23 , 2063	
/	•• • • • • • • • • •

ITEM	1-22-015	
1110	1-22-013	

1.	Owner Nuclear Management Company, LLC				Date 5/	20/03					
2.	Plant	Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0210079, SPCE-ME-0453				1	of	2			
3.						-		epair Organizat Symbol Stamp	ion P.O. N N/A	on P.O. No., Job No., etc	
		Same	Name				Authorizati	•	N/A		
			Addres	s		-	Expiration Date		N/A		
4.	Identific	ation of System	VC			-	Code Class	\$	2		
5.	(a) Appli	cable Construction	Code _n	/a		,	n/a		Edit	ion	
			Ad	denda	n/a	_	Code Case	n/a			
	(b) App	licable Edition of Se	ction XI L	Itilized for	Repair/Repla	cemer	at Activity	1989 With No	Addenda		
	(c) App	licable Section XI Co	de Cases	None				· · · · · ·			
6.	Identific	ation of Component	5								
	Compon	ent Name	Mani	ufacturer	Manufact	urer	Nat'l Bd #	Other ID	Yr Built	Corrected.	ASME

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp	
11 Boric Acid Transf. Pump	Goulds			145-611		Corrected		

7.	Description of Work	Replaced the med	chanical seal gland pla	te - Suction end.	
8.	Tests conducted:	. Hydrostatic	Pneumatic	Nominal Operating Pressure	Exempt 🖌
		Other 📋	Pressure	psi Test Temp.	
Otł	ier: n/a			·· ·· ··	

PRA	IRIE ISLAND	NUCLEAR GENER	ATING PL	ANT	
FORM NIS-2 OWNE	R'S REPOR	T FOR REPAIR/	REPLAC		CTIVITY
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Remarks	S. S. S.	• ä		•		· · ·	`
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	CERTIF	ICATE OF	COMPLIAN		. •		
	02		CONFLIM	NCE			
We certify that the statements ma							ion XI.
			nis conforms to			SME Code, Sect	ion XI.
Type Code Symbol Stamp	ade in the report are	correct and t	nis conforms to	the require			ion XI.
Type Code Symbol Stamp Certificate of Authorization No. Signed	ade in the report are $\frac{N/A}{N/A}$	correct and II	nis conforms to	the require			ion XI.
Type Code Symbol Stamp Certificate of Authorization No. Signed	ade in the report are N/A N/A or Owner's Designed	Correct and the Exp	nis conforms to iration Date	the require	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	ion XI.
Certificate of Authorization No. Signed	ade in the report are $\frac{N/A}{N/A}$	Correct and the Exp	nis conforms to	the require	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Type Code Symbol Stamp Certificate of Authorization No. Signed Owner	ade in the report are N/A N/A or Owner's Designed	Correct and the Exp	nis conforms to iration Date	the require	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

CERTIFICATE O	F INSERVICE INSPEC	CTION	
I, the undersigned, holding a valid commission issue Inspectors and the State or Province ofM by _HSB Insp. and Ins. Co. of Connecticut the components described in this Owner's Report of and state that to the best of my knowledge and bel measures described in this Owner's Report in acco By signing this certificate neither the Inspector concerning the examinations and corrective mea- the Inspector nor his employer shall be liable in any any kind arising from or connected with this inspect	Ainnesota of <u>Hartford</u> during the period <u>22</u> lief, the Owner has per ordance with the require nor his employer ma easure described in the y manner for any perso	Conn. 2 MAy 03 to formed examinations rements of the ASME akes any warranty, he Owner's Report.	and employed have inspected <u>fumAy ou</u> s and taken corrective Code, Section XI. expressed or implied, Furthermore, neither
$\frac{1}{2} \frac{1}{2} \frac{1}$	mmissions <u>NB 120</u> Nationa	al Board, Province an	

ITEM	1-22-014
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1.	Owner	Nuclear Management Company	/, LLC		ی Date	14/04		
2.	Plant	Name Praire Island Nuclear Generatin	g Plant	_	Sheet	1	of	2
		Name 1717 Wakonade Dr. E, Welch N	linnesota 55089		0211231			
3.	Work Per	Address formed by Owner		-		pair Organizatio		b No., etc
		Name			Type Code S	ymbol Stamp	N/A	
		Same			Authorizatio	n	N/A	
		Address	·····		Expiration D	ate	N/A	
4.	Identific	ation of System VC		_	Code Class		2	
5.	(a) Appli	cable Construction Code B3	1.1	_,	1989		Edition	
		Add	enda n/a	_	Code Case	n/a		
	(b) Appi	icable Edition of Section XI Util	lized for Repair/Repla	cement	Activity	1989 With No.	Addenda	
	(c) Appl	icable Section XI Code Cases	None					
6.	Identific	ation of Components						

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	 Corrected, Removed, or Installed	ASME Code Stamp
11 Chg. Pmp. Dischg. Relief	Crosby			VC-28-1	Corrected	

7.	Description of Work	Replaced flange fasteners.						
8.	Tests conducted:	Hydrostatic 🗌	Pneumatic 🗌	Nominal Oper	ating Pressure	Exempt 🖌		
		Other 📋	Pressure	psi	Test Temp.	°F		
Ot	ner: n/a							

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marks					
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		(+)			
We certify that the statements mad		TIFICATE OF CO are correct and this			ME Code, Section XI.
	de in the report	are correct and this		requirements of the AS	ME Code, Section XI.
Type Code Symbol Stamp	de in the report \mathcal{N}/\mathcal{A}	are correct and this	conforms to the i	requirements of the AS	······································
Type Code Symbol Stamp Certificate of Authorization No Signed	de in the report \mathcal{N}/\mathcal{A}	are correct and thisExpirati	conforms to the i	requirements of the AS	······································
Type Code Symbol Stamp Certificate of Authorization No Signed	de in the report N/A	are correct and thisExpirati	conforms to the i	requirements of the AS	······································
Type Code Symbol Stamp Certificate of Authorization No Signed	de in the report N/A	are correct and this Expirati , ASME Program gnee , Title	conforms to the i	requirements of the AS	······································
Type Code Symbol Stamp Certificate of Authorization No Signed	de in the report N/A	are correct and this Expirati , ASME Program gnee , Title	conforms to the i	requirements of the AS	······································
Type Code Symbol Stamp Certificate of Authorization No Signed	de in the report	are correct and this Expirati , ASME Program gnee , Title	conforms to the i	requirements of the AS	······································

i, the undersigned, holding a value commission issued by the National Doard of Doller a	
Inspectors and the State or Province of <u>Minnesota</u>	and employed
by HSB CT of Hartford Conn.	have
inspected the components described in this Owner's Report during the period	<u>14403</u> to
, and state that to the best of my knowledge and belief, the Owner I	has performed
examinations and taken corrective measures described in this Owner's Report in accor	dance with the
requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any war	
implied, concerning the examinations and corrective measure described in the Ov	vner's Report.
Furthermore, neither the Inspector nor his employer shall be liable in any manner for an	iy personal injury of
property damage or a loss of any kind arising from or connected with this inspection.	÷ . · · ·
Commissions Willows ANI M	<u>N 21924</u>
Inspector's Signature National Board, Province	ce and Endorsements
Date (26661 02 , 2003	
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ITEM 1-22-013

Corrected

1.	Owner	Nuclear Management	Company, LLC		Date 5	/19/2003				
2.	Plant	Praire Island Nuclear C	Name Senerating Plant		– Sheet	1	of	2	··	
		1717 Wakonade Dr. E.	Name Welch Minnesota 5	5089	0211233				<u> </u>	
3.	Work Pe	formed by Owner	Address		Repair Organization P.O. No., Job No., e					
	Name				- Type Code Symbol Stamp		N/A	N/A		
		Same				Authorization		N/A		
			Address		Expiration	Date	N/A			
4.	Identific	ation of System VC	;		Code Clas	S	2		<u> </u>	
5.	(a) Appli	cable Construction Co	de B31.1	,	, 1989		Edition			
			Addenda n/	a	Code Case	n/a				
	(b) Appl	licable Edition of Secti	on XI Utilized for R	epair/Replaceme	nt Activity	1989 With No	Addenda			
	(c) Appl	Icable Section XI Code	Cases None			·				
6.	Identific	ation of Components								
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp	

VC-28-3

Crosby

• ` ١.

13 Chg. Pmp. Dischg. Relief

7. **Description of Work** Replaced flange fasteners. Tests conducted: 8. Hydrostatic ; Pneumatic Nominal Operating Pressure Exempt 🗸 Other Pressure psi °F Test Temp. . Other: n/a

	• • •					ITEM 1-22-012
9. Remarks n/a			:			· •
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• • • • •	s made in the report an	e correct and this conforms to the requirements of the	e ASME Code, Section XI.
Type Code Symbol Stamp	. NIA		<u> </u>
Certificate of Authorization No	. N/A	Expiration Date	
Signed		, ASME Program Engineer Date 9/17/0	3,
Ow		ee, Title	· ·
		and the second sec	
· · ·	· · · · · · · · · · · · · · · · · · ·		·····

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by <u>HSBCT</u> of <u>Hartford Conn</u> inspected the components described in this Owner's Report during the period <u>I8 SEP 03</u> <u>IS SEP03</u> , and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with t requirements of the ASME Code, Section XI.	and employed have _ to ed
By signing this certificate neither the Inspector nor his employer makes any warranty, expre implied, concerning the examinations and corrective measure described in the Owner's Repor Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal is property damage or a loss of any kind arising from or connected with this inspection.	ort.
Dete Signature Commissions <u>NB (2085 AA)</u> MB (2085 AA) <u>MA 2/924</u> National Board, Province and Endo	rsements
Date	· · · ·

ITEM	1-22-012
	1-44-014

1.	1. Owner Nuclear Management Company, LLC			Date 3	/31/03					
2.	Plant	Praire Island Nucle		me erating Plant			 Sheet 1			2
		1717 Wakonade D		mə Ich Minneso	ta 55089		0301238, 5	SPCE-ME-0453, E	EC-1266	
		<u> </u>		ress			F	Repair Organizatio	on P.O. No., J	ob No., etc
3.	3. Work Performed by Owner			– Type Code Symbol Stamp						
		Same	Na	me			Authorizat		N/A	·····
		<u> </u>	Add	ress	· · · · · ·		Expiration	Date	N/A	
4.	Identific	ation of System					Code Clas	S	2	
5.	(a) Appli	icable Constructior	n Code	n/a	_	,	n/a		Edition	
				Addenda	n/a		Code Case	e n/a		
	(b) App	licable Edition of S	ection >	(I Utilized fo	or Repair/Rep	placemer	t Activity	1989 With No	Addenda	
	(c) App	licable Section XI C	ode Ca	ses None	9					
6.	Identific	ation of Componer	nts							

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
12 BATP	Goulds	792A190-2		145-612		Corrected	·

Description of Work Replaced the mechanical seal gland plate. 7. 8. Tests conducted: Hydrostatic, i Nominal Operating Pressure Pneumatic_{i i} Exempt 🗸 🧃 . Other 📋 Pressure psi Test Temp. °F 1 1 1 . Other: n/a

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in , (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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Remarks	·	
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	÷:	
We certify that the statements made in the Type Code Symbol Stamp	CERTIFICATE OF COMPLIANCE e report are correct and this conforms to the requirement A	ents of the ASME Code, Section XI.
Certificate of Authorization No.	# Expiration Date	
	, ASME Program Engineer Date9	

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CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by <u>HS& CT</u> of <u>Hartford Conn</u> inspected the components described in this Owner's Report during the period <u>IB</u> J0003 <u>I7≤€P03</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, expression	and employed have to ed he
implied, concerning the examinations and corrective measure described in the Owner's Report Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal i property damage or a loss of any kind arising from or connected with this inspection.	ort.
Date Commissions NB_17085 ANI MA_21924 Date Contended 11, 2003	rsements
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ITEM	1-22-011	
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1.	Owner Nuclear Management Company, LLC				Date 6/1	18/03	3/03				
2. Plant		Name Praire Island Nuclear Generating Plant					— Sheet	1	of	2	
		1717 Wakonade Dr		ame elch Minneso	ota 55089	ھیں ج	– 0302844, EI	EC-1250			
	Address					Repair Organization P.O. No., Job No., et					
3.	Work Pe	Nork Performed by Owner				Symbol Stamp	N/A				
	Name Same					Authorizatio	on	N/A			
		e	Add	ress			Expiration I	Date	N/A		
4.	Identific	ation of System	vc				Code Class	i	2		
5.	(a) Appl	(a) Applicable Construction Code		B31.1 ,		,	1967		Edition		
				Addenda	n/a		Code Case	n/a			
	(b) App	licable Edition of Se	ection	XI Utilized f	or Repair/Re	eplaceme	nt Activity	1989 With No	Addenda		
	(c) App	licable Section XI C	ode Ca	ises Non	e						

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Letdown Line Relief Valve	Crosby	JB-25-SPEC		VC-25-2	1970	Removed	 1 _ '
Letdown Line Relief Valve	Crosby	2J3-JLT-JBS-E- 15 SK		VC-25-2	2002	Installed	

7.	Description of Work	Replaced valve.			
8.	Tests conducted:	Hydrostatic	Pneumatic	Nominal Operating Pressure	Exempt 🗸
		Other []]	Pressure	psi Test Temp.	• F
Oti	ner: n/a				

emarks					ITEM	1-22-010
n/a	· , · · · ·					· .
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	CERTIFICATE OF	COMPLIANC	;E			t
Ve certify that the statements made in	the report are correct and th	is conforms to t	he requireme	ents of the AS	ME Code, Se	ction XI.
		• •				
ype Code Symbol Stamp	<u>//A</u>					
•••••••••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·	ration Date			······································	
Certificate of Authorization No.	<u>In</u> Expir			1-1-		
Sertificate of Authorization No.	ASME Progr	ration Date	Date _6	15/03	»` _	
Certificate of Authorization No.	<u>In</u> Expir	am Engineer	Date _6	15/03	,	

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Minnesota</u> and employed by <u>of Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>20 Jun 03</u> to <u>20 Jun 03</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date 2003 Commissions National Board, Province and Endorsements

ITEM	1-22-010	
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1.	Owner	Nuclear Managemei	nt Company, LLC		Date 3/	14/03			
2.	Plant	Praire Island Nuclea	Name r Generating Plant	<u> </u>	Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota 5	5089	0300993				
3.	Work Pe	rformed by Owner	Address Nam e		Type Code Authorizati	Symbol Stamp on	N/A N/A	lo., Job No., etc	
4.	Identific	ation of System	Address VC		Expiration Code Class		N/A 2		
5 <i>.</i>	(a) Appli	icable Construction	Code n/a	·,	n/a		Edit	ion	_ ,
			Addenda ni	′a	Code Case	n/a			
	(b) App	licable Edition of Se	ction XI Utilized for R	epair/Replaceme	nt Activity	1989 With N	o Addenda		
		licable Section XI Co							
6.	Identific	ation of Component	S · · ·						
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	12 Charg	ing Pump	Ajax			145-042	1969	Corrected	
7.	. Descri	ption of Work		pump packing ass	emblies.				· . · .
8.	. Tests	conducted:	'Hydrostatic	Pneumatic	Nominal	Operating Pre	ssure 📋	Exem	ot 🔽
			Other []	Pressure		psi Test Te	mp.		_ F `'
o	ther: <u>n/a</u>	a						· · · · · · · · · · · · · · · · · · ·	-

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emarks				ITEM 1-22-009
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	CERTIFICATE OF			
Ve certify that the statements made		•	quirements of the ASM	IE Code, Section XI.
			•	
	NA			
ype Code Symbol Stamp	N/A N/A Exi	piration Date N/A		
Type Code Symbol Stamp	N/A Ex	piration DateA		
Type Code Symbol Stamp Certificate of Authorization No.	N/A Exp., ASMEiProg	piration Date	5/19	, <u>03</u>
Type Code Symbol Stamp Certificate of Authorization No.	N/A Ex	piration DateA	5/19	, <u>03</u>

CERTIFICATE OF INSERVICE INSPECTION	
	and employed have _ to d
By signing this certificate neither the Inspector nor his employer makes any warranty, express implied, concerning the examinations and corrective measure described in the Owner's Repor Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal in property damage or a loss of any kind arising from or connected with this inspection.	t.
Inspector's Signature Commissions NB 12075 ANI MN 21924 National Board, Province and Endor	sements
Date 20 , 2003	· · · ·

ITEM	1-22-009
116.141	1-22-009

1.	. Owner Nuclear Management Company, LLC				Date	2/10	/03				
2. Plant		Name Praire Island Nuclear Generating Plant					Sheet		1	of	2
		1717 Wakonade D		me Ich Minneso	ta 55089		0211454				
3.	Work Pe	Address ork Performed by Owner				Repair Organizatio			on P.O. No., N/A	Job No., etc	
		Name					Type Code Symbol Stamp Authorization		N/A N/A		
4.	Identific	ation of System	Add VC	ress			Expiratio Code Cla		te	N/A 2	
5.	(a) Applicable Construction Code		Code	B31.1		,	1967			Edition	
				Addenda	n/a		Code Ca	Se	n/a		
	(b) App	licable Edition of S	ection)	(I Utilized fo	or Repair/F	eplacemer	nt Activity		1989 With No	Addenda	
	(c) App	licable Section XI C	ode Ca	ses Non	e						

6. Identification of Components

Component Name	Manufacture r Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 BATP Discharge Valve	Grinnell			VC-11-126	1970	Corrected	

7.	Description of Work	Replaced bonnet.						
8.	Tests conducted:	· Hydrostatic 🗌	Pneumatic	Nominal Oper	ating Pressure)	Exempt 🔽	
		Other []	Pressure	psi	Test Temp.	<u>``</u>	F	
Otł	ner: n/a					•		

		ITEM 1-22-008
emarks	· · · · ·	
n/a		
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	CERTIFICATE OF COMPLIANCE	· · · · · · · · · · · · · · · · · · ·
We certify that the statements	CERTIFICATE OF COMPLIANCE made in the report are correct and this conforms to the require	ments of the ASME Code, Section XI.
	made in the report are correct and this conforms to the require	ments of the ASME Code, Section XI.
Type Code Symbol Stamp	made in the report are correct and this conforms to the require	· · · · · · · · · · · · · · · · · · ·
	made in the report are correct and this conforms to the require	14
Type Code Symbol Stamp Certificate of Authorization No. Signed P.B. Way	made in the report are correct and this conforms to the require NA Expiration Date ASME Program Engineer Date	14
Type Code Symbol Stamp Certificate of Authorization No. Signed <u>P.B. War</u>	made in the report are correct and this conforms to the require	14
Type Code Symbol Stamp Certificate of Authorization No. Signed <u>P.B. War</u>	made in the report are correct and this conforms to the require NA Expiration Date ASME Program Engineer Date	14

CERTIFICATE OF INSERVICE INSPECTION

nspectors and the State or Province of _	<u>Minnesota</u>			and employed
DY HSB CT	of	Hartford Conn.		have
nspected the components described in this (Owner's Report d	uring the period	25JUNO3	to
<u>25 Jun 03</u> , and state that to the beat examinations and taken corrective measures				
vaminatione and taken corrective measures	, aescribea in this	Contra Report in	n accordance wit	in the
equirements 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 measure described in the Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.

Commissions No 1095 ANI MA 21924 • 5 :. 10 Inspector's Signature National Board, Province and Endorsements Date ろく

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ITEM	1-22-008
11 C M	1-22-008

1.	Owner	Nuclear Management C	ompany, LLC		Date 2	2/10/2003			
2.	Plant	Praire Island Nuclear Ge	Name enerating Plant		- Sheet	1	of	2	
		1717 Wakonade Dr. E, V	Name Welch Minnesota 5	5089	0211989				
•			ddress	<u></u>	l	Repair Organiz	ation P.O. N	o., Job No., etc	
3.	Work Pe	rformed by Owner	Ne		Type Code	e Symbol Stam	p N/A		
		Same	Name		Authoriza	tion	N/A		
			ddress		Expiration	n Date	N/A		
4.	Identific	ation of System VC			Code Clas	55	2		
5.	(a) Appli	cable Construction Cod	le B31.1	,	1967		Edit	lon	
			Addenda n/	a •	Code Cas	e n/a	_		
	(b) App	licable Edition of Sectio	n XI Utilized for Re	epair/Replaceme	nt Activity	1989 With I	No Addenda		
	(c) Anni	licable Section XI Code	Cases None				~~~		
~		•		····		·		··	
6.	laenunc	ation of Components `							
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	11 Charg	ing Pump Suction Piping	NAVCO			3-VC-28A	1971	Corrected	
			:					. •	• • :
7	Descri	ption of Work	Replaced fasteners.	·					

8.	Tests conducted:	Hydrostatic 🗌	Pneumatic	Nominal Operating Pressure 📋 🏒	Exempt 🗹 🕻
		Other 🔄	Pressure	psi Test Temp.	°F
Othe	r: n/a				

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				ITEM 1-22-007
Remarks		· .		
n/a			· · · · · ·	
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	CERTIF	FICATE OF CON	IPLIANCE	
We certify that the statements made	e in the report are	e correct and this co	nforms to the requiremen	ts of the ASME Code, Section XI.
Type Code Symbol Stamp	NA	<u> </u>	· · ·	
Certificate of Authorization No.	N/A.	Expiration	Date	
				let 1
Signed		ASME Program E	ingineer Date	16 103
. Owner or	Owner's Designe		•• • •	
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	CERTIFICA	TE OF INSERVI	CE INSPECTION	
the undersigned, holding a va	lid commissio	on issued by the l	National Board of Bo	
spectors and the State or I	Province of			and employed
spected the components desc	ribed in this C	of		
<u>1856203</u> , and state f				
caminations and taken correct				
quirements of the ASME Cod			•	
signing this certificate neit				
plied, concerning the examination				
irthermore, neither the Inspec operty damage or a loss of ar				
			()	1
Tread 2. S.		Commissions	AB 12085 A	N, MJ 21924
Inspector's Signature			National Board, Pl	rovince and Endorsements
ate lonfe	mber 18	. 2003		
	······			

ITEM 1-22-007

1.	Owner	Owner Nuclear Management Company, LLC			Date 1/2		23/03			
2.	Name Plant Praire Island Nuclear Generating Plant						1	of	2	
	Name 1717 Wakonade Dr. E, Welch Minnesota 55089					- 0202731				
-	Mark Da			dress			R	epair Organizatio	on P.O. No.,	Job No., etc
3.	WORK Pe	rformed by Owner					Type Code	Symbol Stamp	N/A	
	Name Same					Authorization				
			Add	ress			Expiration	Date	N/A	
4.	Identific	ation of System	CL				Code Class	5	3	
5.	(a) Appli	icable Construction	Code	B31.1		,	1967		Edition	
				Addenda	n/a		Code Case	n/a		
	(b) App	licable Edition of Se	ection	XI Utilized fo	or Repair/Re	placemen	t Activity	1989 With No	Addenda	
	(c) App	licable Section XI C	ode Ca	ises Non						

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
CL Piping	NAVCO			3-CL-9	1970	Corrected	

7.	Description of Work		Replaced fasteners.						
8.	Tests conducted:	۰.	Hydrostatic 📃	Pneumatic	Nominal Opera	ating Pressure	Exempt 🖓		
			Other []]	Pressure	psi	Test Temp.	°F		
Oth	ier: n/a					•			

emarks	
	- <u></u>
CERTIFICATE OF COMPLIANCE	
e certify that the statements made in the report are correct and this conforms to the requirements o	f the ASME Code, Section XI.
ype Code Symbol Stamp	
ertificate of Authorization No. 14 Expiration Date	
Signed, ASME Program Engineer Date2/2/	·/04 ,,
Owner or Owner's Designee, Title	

CERTIFICATE	E OF INSERVICE INSPECTION
Inspectors and the State or Province of by	ort during the period <u>26FEB02</u> to <u>25MAE04</u> , belief, the Owner has performed examinations and taken corrective accordance with the requirements of the ASME Code, Section XI. etor nor his employer makes any warranty, expressed or implied, measure described in the Owner's Report. Furthermore, neither any manner for any personal injury of property damage or a loss of
Inspector's Signature	Commissions <u>AR 1985 ANI</u> MA 21924 National Board, Province and Endorsements
Date Wyouch 26,	<u>Лооч</u>

								ITEM 1-22-006	
1.	Owner	Nuclear Management	Company, LLC		Date 2	/11/2002			
2.	Plant	Praire Island Nuclear	Name Generating Plant		– Sheet	1	of	2	
		1717 Wakonade Dr. E	Name Welch Minnesota 5	5089	0201492				
	Work Pe	rformed by Owner	Address			Repair Organizat		lo., Job No., etc	
		Name				Type Code Symbol Stamp Authorization		N/A N/A	
I.	Identific	ation of System Cl	Address L		Expiration Code Clas		N/A 3		
5.	(a) Appl	icable Construction Co	ode <u>b31.1</u>	,	1989		Edit	ion	
			Addenda n/a	a	Code Case	n/a			
	(b) App	licable Edition of Sect	ion XI Utilized for Re	epair/Replaceme	nt Activity	1989 With No	Addenda		
	(c) App	licable Section XI Cod	e Cases None						
3.	Identific	cation of Components							
	Compor	nent Name	Manufacturer	Manufacturer	Nat'l Bd #	Other ID	Yr Bullt	Corrected. ASM	

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Bullt	Corrected, Removed, or Installed	ASME Code Stamp
CL Piping	NAVCO			2-CL-18		Corrected	

7.	Description of Work	Fabricate and insta	ll 2-CL-18. Rep	blace fla	nge bolting.				
8.	Tests conducted:	Hydrostatic 🔽	Pneumatic]	Nominal Oper	ating Pressure		Exempt 📋	
		Other 🗌	Pressure	200	psi	Test Temp.	Amb.	° F	
Oth	er: n/a								

emarks n/a				
			* · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
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	1. J.		•	
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Type Code Symbol Stamp	IA Expirat	ion Date//	4	
			1125	
Signed	, ASME Program	n Engineer Date	4/19	<u></u> , <u></u>
Owner or Own	ner's Designee, Title			
	· · ·	 (1) 		
· · · · · · · · · · · · · · · · · · ·		· · ·		
			· 	
	ERTIFICATE OF INSER		ON	

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>Minnesota</u> and employed
by HSRISPCT of Hartford Conn. / have
inspected the components described in this Owner's Report during the period 05/21/02 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 measure described in the Owner's Report.
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
property damage or a loss of any kind arising from or connected with this inspection.
have and an America
Inspector's Signature Commissions MN#039608 / M.B.F. #5 C
Inspector's Signature National Board, Province and Endorsements
Date 3012105 ,
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and the second state of the se

ITEM	1-22-005	
11 5 10	1-22-005	

		•						1-22-00	05
1.	Owner N	Nuclear Management	Company, LLC		Date 2	2/11/02			
2.	Plant F	Praire Island Nuclear	Name Generating Plant		- Sheet	1	of	2	
	- 1	717 Wakonade Dr. E	Name , Welch Minnesota :	55089	0201494				
	-		Address			Repair Organiza	tion P.O. N	lo., Job No., etc	
3.	Work Perfo	ormed by Owner	Name		Type Code	e Symbol Stamp	N/A		
	S	Same	Name		Authoriza		N/A		
4.	- Identificati	ion of System C	Address L		Expiration Code Clas		N/A 3	<u> </u>	
5.				<u>-</u> ,	1989		Edit	ion	
			Addenda n	^ \/a	Code Case	e n/a			
	(b) Applic	able Edition of Sect	- ion XI Utilized for F	 Repair/Replaceme	nt Activity	1989 With N	o`Addenda		
		able Section XI Cod			•	···	->	. <u></u>	
6.		ion of Components	•					· · · · · · · ·	
	Componer	nt Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	CL Piping		NAVCO			2-CL-17		Corrected	
								•	
7.	Descript	ion of Work	Fabricate and insta	all 2-CL-17 and repl	laced flange f	asteners.			
8.	Tests co	nducted:	Hydrostatic 🗹	Pneumatic	Nomin	al Operating Pre	ssure 🗌	Exem	pt 🗌
			Other 🔄	Pressure 2	200	psiTest Te	emp. a	ambient	F
о	ther: n/a								
		lomontal choote in fo	m of liste skatches	or drowings move h	o used press	ided (1) aize is R	1 /0 in v 44	in (2)	

Remarks	ITEM 1-22-004
n/a	
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CERTIFICATE OF COMPLI	ANCE
We certify that the statements made in the report are correct and this conform	is to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp///	
	·
Certificate of Authorization No. Ala Expiration Date	
Signed , ASME Program Engine	per Date 9/15/03
Owner or Owner's Designee, Title	
-	

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel and employed Inspectors and the State or Province of ____Minnesota have inspected HSB CT by ___ of_ Hartford Conn. the components described in this Owner's Report during the period _____22 SEP03 22 SEP03 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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. 1085 ANI MN 21924 NADNI _ Commissions National Board, Province and Endorsements Inspector's Signature optember 22 Date

										ITEM 1-22-0	04
1.	Owner	Nuclear Manageme	nt Com	pany, LLC			Date 1/	9/03			
2.	Plant	Praire Island Nucle		me erating Plant		-		1	of	2	
		1717 Wakonade D		i me elch Minnesota	55089	_	- 0300064				
	W/			iress		-	R	epair Organizat	ion P.O. N	o., Job No., etc	;
3.	work Pe	rformed by Owne				_	Type Code	Symbol Stamp	N/A		
		Same	Na	me			Authorizati	on	N/A		
			Add	ress		-	Expiration	Date	N/A		
I .	Identific	ation of System	vc			_	Code Class	3	2		
5.	(a) Appl	Icable Construction	Code	B31.1		_,	1967		Edit	lon	
				Addenda	n/a	_	Code Case	n/a			
	(b) App	licable Edition of S	ection	KI Utilized for	Repair/Repi	acemei	nt Activity	1989 With Ne	o Addenda		
	(с) Арр	licable Section XI C	ode Ca	ses None							
5.	Identific	cation of Componen	ts								
	Compor	nent Name		lanufacturer	Manufac	turer	Nat'l Bd #	Other ID	Yr Built	Corrected.	ASN

Component Name	Manufacturer Nam e	Manufacturer Serial #	Nat'l Bđ #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
VC Pipe Support (3")	BE			1-CVCH- 1680	1970	Corrected	

7.	Description of Work	Replaced bolt asso			
8.	Tests conducted:	Hydrostatic 🗌	Pneumatic	Nominal Operating Pressure	Exempt 🔽
		Other 🗌	Pressure	psi Test Temp.	° F
Oth	ler: n/a				

n/a Otner:

		ITEM 1-22-002
Remarks n/a	. · · ·	
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	CERTIFICATE OF COMPLIANCE	
We certify that the statements ma	de in the report are correct and this conforms to the re	
Type Code Symbol Stamp	NIA	
Certificate of Authorization No.	NIA Expiration Date	NelA
Signed T.B. W	ASME Program Engineer Date	2-19, 2003
Owner c		
Owner c	n de la construction de la constru Reconstruction de la construction de	
Owner c	<pre>// All and a start of the start of the</pre>	·
Owner c	· · ·	TION

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

Commissions <u>NB 11872 A BAL</u> NA 039600-CO National Board, Province and Endorsements Inspector's Signature 2/21/03 Date

ITEM 1-22-	002
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							1-22-0	JZ
1.	Owner Nuclear Managemen	t Company, LLC		Date 9/	/18/2002			
2.	Plant Praire Island Nuclear	Name r Generating Plant		Sheet	1	of	2	
	1717 Wakonade Dr.	Name E, Welch Minnesota	55089	0208641,0	115067, 01ZX0	1		
_		Address	<u>-</u>	F	Repair Organiza	ation P.O. N	lo., Job No., etc	;
3.	Work Performed by Owner			Type Code	Symbol Stam	D N/A		
	Same	Name		Authorizat	ion	N/A		
	 	Address		Expiration		N/A		
4.	Identification of System	ZE		Code Clas	S	3		
5.	(a) Applicable Construction (Code B31.1	,	1989	<u></u>	Edit	lon	
		Addenda r	va	Code Case	N-41	6-1 Re 2/21	20	
	(b) Applicable Edition of Sec	ction XI Utilized for I	Repair/Replaceme			No Addenda		
	(c) Applicable Section XI Co	de Cases None			· · ·			
6.	Identification of Components							•
	Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	11 SI Pump Unit Cooler	Krack			174-151	1971	Removed	
	11 SI Pump Unit Cooler	Krack			174-151	1990	Installed	
		:)					. Y	
7		Replaced 11 SI pu	mp motor unit cool		al Operating Pr	essure 🔽	Exem	
		Other 🗍	Pressure	83	psi Test T	emp.	. 44	٩F
c	Other: n/a	<u>ب</u>			-			·

1. Owner Nuclear Management Company, LLC Date 12/14/2004 2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0310373, 0310445, 0310437, DCP 03RC02, DCP 03SC01 Repair Organization P.O. No., Job No., etc 3. Work Performed by SGT Ltd. Name Name Name 400 S. Tyron St. Suite 2100, Charlotte, NC 28285 Authorization N-3090-1 64/07 Address Expiration Date 6/4/07 6. (a) Applicable Construction Code ASME III 1995 Edition Addenda 1995 Edition Edition 6. (a) Applicable Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda' (c) Applicable Section XI Code Cases N-416-2 6. Identification of Components Identification of Components Serial # Nat'I Bd # Other ID Yr Built Corrected, A Removed or C S Old Steam Generator Framatome GV/Pi292 134-012 1968 Removed C S 7. Description of Work Replaced the primary side of the Steam Generator. Steam Generator Framatome GV/Pi292 134-012			PR	AIRIE ISLAND	NUCLEAR O	GENERA	TING PLA	NT			
1. Owner Nuclear Management Company, LLC Date 12/14/2004 2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 1. Mame Name 0310373, 0310445, 0310437, DCP 03RC02, DCP 03SG01 Address 0310373, 0310445, 0310437, DCP 03RC02, DCP 03SG01 3. Work Performed by SGT Ltd. Name Name Name 400 S. Tyron St. Suite 2100, Charlotte, NC 28285 Explantion Date 6/4/07 4. Identification of System RC Code Class 1 5. (a) Applicable Construction Code ASME III 1995 Edition Addrenda 1996 Code Case n/a (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda 1 (c) Applicable Section XI Code Cases N-416-2 1 1 1 6. Identification of Components Manufacturer Nat'I Bd # Other ID Yr Built Corrected, P A Removed, or C Installed S 7. Description of Work Replaced the primary side of the Steam Generator. Exempt 1 1 9 7. Description of Work Replaced the primary side of the Steam Generator. S <th></th> <th>FOR</th> <th>M NIS-2 OW</th> <th>NER'S REP</th> <th></th> <th>REPAIR</th> <th>/ REPLA</th> <th>CEME</th> <th>NT ACTI</th> <th>VI</th>		FOR	M NIS-2 OW	NER'S REP		REPAIR	/ REPLA	CEME	NT ACTI	VI	
Name Name Image Operation Ope									ITEM 1-22-055		
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 Name Name 0310373, 0310445, 0310437, DCP 03RC02, DCP 03SG01 3. Work Performed by SGT Ltd. Repair Organization P.O. No., Job No., etc 3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT 400 S. Tyron St. Suite 2100, Charlotte, NC 28285 Authorization N-3090-1 41 Identification of System RC Code Class 1 5. (a) Applicable Construction Code ASME III 1995 Edition Addreas N-416-2 Code Case n/a 6. Identification of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Corrected, A Removed, A Removed, Corrected, Removed, Corrected, Removed, Corrected, Removed, Corrected, Serial # Natified # Other ID Yr Built Corrected, A Removed, Corrected, Correct	1.	Owner	Nuclear Manageme		,.	Date 1	2/14/2004				
1717 Wakonade Dr. E, Welch Minnesota 55089 0310373, 0310445, 0310437, DCP 03RC02, DCP 03SG01 Address Repair Organization P.O. No., Job No., etc 3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT 400 S. Tyron St. Suite 2100, Charlotte, NC 28285 Authorization N-3090-1 6/4/07 Address Expiration Date 6/4/07 7. (a) Applicable Construction Code ASME III 1995 Edition Addenda 1995 Edition Code Cass 1 (b) Applicable Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Corrected, Removed, or Corrected, Removed, or Corrected, Removed, or Corrected, Removed, or Corrected, Serial # Name Old Steam Generator Westinghouse 1102 68-25 134-012 1968 Removed S 7. Description of Work Replaced the primary side of the Steam Generator. S Tests conducted: Hydrostatic Pressure 2235 psi Test Temp. NOT * F 7. Description of Work Replaced the primary side of the Steam Generator. S Tests conducted: Hydrostatic Pressure 2235 psi Test Temp. NOT * F	2.	Plant	Praire Island Nucle		· ··. · ·	Sheet	1	of	2		
3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT 400 S. Tyron St. Suite 2100, Chanotte, NC 28285 Authorization N.3090-1 Address Expiration Date 6/4/07 (4. Identification of System RC Code Class 1 5. (a) Applicable Construction Code ASME III 1995 Edition Addenda 1996 Code Case n/a 1 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda 1 (c) Applicable Section XI Code Cases N-416-2 1 1 6. Identification of Components Manufacturer Nat'l Bd # Other ID Yr Built Corrected, A Removed, or Case installed Cold Steam Generator Westinghouse 1102 68-25 134-012 1968 Removed New Steam Generator Framatome GV/PI292 134-012 2003 Installed 5 7. Description of Work Replaced the primary side of the Steam Generator. Exempt 9 5 Exempt 6 7. Description of Work Replaced the primary side			1717 Wakonade Dr		55089	0310373, 0	310445, 03104	37, DCP 031	RC02, DCP 03S	G01	
Name Type Code Symbol Stamp NPT 400 S. Tyron St. Suite 2100, Charlotte, NC 28285 Authorization N-3090-1 Address Expiration Date 6/4/07 4. Identification of System RC Code Class 1 5. (a) Applicable Construction Code ASME III , 1995 Edition Addenda 1996 Code Class 1 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Edition of Components N-416-2 6. Identification of Components Manufacturer Nat'l Bd # Other ID Yr Built Corrected, Removed, or Constructed, Serial # Old Steam Generator Westinghouse 1102 68-25 134-012 1968 Removed 7. Description of Work Replaced the primary side of the Steam Generator. 8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Cother 0ther Pressure 2235 psi Test Temp. NOT ° F Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in	3.	Work Pe	erformed by SGT L			- F	lepair Organiz	ation P.O. N	lo., Job No., et	c	
Address Expiration Date 6/4/07 Address Code Class 1 (a) Applicable Construction Code ASME III 1995 Edition Addenda 1996 Code Class 1 (b) Applicable Construction of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Edition of Section XI Code Cases N-416-2 6. Identification of Components Manufacturer Nat'l Bd # Other ID Yr Built Corrected, A Removed, or Corrected, Removed, or Corrected, Section XI Code Cases 1 Old Steam Generator Westinghouse 1102 68-25 134-012 1958 Removed New Steam Generator Framatome GV/PI292 134-012 2003 Installed 7. Description of Work Replaced the primary side of the Steam Generator. 8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure © Exempt • Other n/a NOTE Pressure 2235 psi Test Temp. NOT • F				Name			-	· · · · · · · · · · · · · · · · · · ·			
Identification of System RC Code Class 1 5. (a) Applicable Construction Code ASME III 1995 Edition Addenda 1996 Code Case n/a (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases N-416-2 6. Identification of Components Component Name Manufacturer Marufacturer Name Serial # Nat'I Bd # Other ID Yr Built Corrected, Removed, or Installed Old Steam Generator Westinghouse 1102 68-25 134-012 1968 Removed S 7. Description of Work Replaced the primary side of the Steam Generator. 8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure © Exempt • F Other n/a NOT • F • F • F Other n/a 7. Description of Work Replaced the primary side of the Steam Generator.		<u> </u>	400 S. Tyron St. Su		28285						
Addenda 1996 Code Case n/a (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases N-416-2 6. Identification of Components Component Name Manufacturer Manufacturer Nat'l Bd # Other ID Yr Built Corrected, Removed, or C Installed Serial # Nat'l Bd # Other ID Yr Built Corrected, Removed, or C Installed Serial # 1102 68-25 134-012 1968 Removed New Steam Generator Westinghouse 1102 68-25 134-012 2003 Installed 7. Description of Work Replaced the primary side of the Steam Generator. Exempt	4.	Identific	cation of System		· · · · · · · · · · · · ·			1			
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases N-416-2 6. Identification of Components	5,	(a) Appl	licable Construction	Code ASME III	<u>, , , , , , , , , , , , , , , , , , , </u>	1995	۰ ۰	Edit	lion		
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases N-416-2 6. Identification of Components				Addenda 1	996	Code Case	n/a``.	· · ·			
 7. Description of Work <u>Replaced the primary side of the Steam Generator.</u> 8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Pressure 2235 psi Test Temp. NOT F Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in 		Compo	nent Name		Serial # 🕞				Removed, or	r C	
 7. Description of Work <u>Replaced the primary side of the Steam Generator.</u> 8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Pressure 2235 psi Test Temp. NOT F Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in 				Name	· · · · · · · · · · · · · · · · · · ·		124.012		Removed, or Installed	r C	
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Pressure 2235 psi Test Temp. NOT • F Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in		Old Stea	am Generator	Westinghouse	1102	68-25		1968	Removed, or Installed Removed	r C	
8. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Other Pressure 2235 psi Test Temp. NOT • F Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in		Old Stea	am Generator	Westinghouse	1102	68-25		1968	Removed, or Installed Removed	r C	
Other Pressure 2235 psi Test Temp. NOT ° F Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in	7.	Old Stea	am Generator eam Generator	Name Westinghouse Framatome	1102 GV/PI292			1968	Removed, or Installed Removed		
Other: n/a NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in	7.	Old Stea	am Generator eam Generator	Name Westinghouse Framatome	1102 GV/PI292			1968	Removed, or Installed Removed	r C	
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in		Old Stea New Ste	am Generator eam Generator	Name Westinghouse Framatome	1102 GV/PI292 y side of the Steam	n Generator.	134-012	1968 2003	Removed, or Installed Removed Installed	r Co	
NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the ten of this.		Old Stea New Ste	am Generator eam Generator	Name Westinghouse Framatome Replaced the primar Hydrostatic	1102 GV/PI292 y side of the Steam Pneumatic Pressure	n Generator. Nominal Op	134-012	1968 2003	Removed, or Installed Installed Exempt	r Co	
1 through 6 on this report is included on each sheet and (3) each sheet is numbered and number of sheets is recorded at the tan of this		Old Stea New Ste	am Generator eam Generator	Name Westinghouse Framatome	1102 GV/PI292 y side of the Steam	n Generator.	134-012	1968 2003	Removed, or Installed Removed Installed		
	· 8. 01	Old Stea New Ste Descri Tests o ther: n/	am Generator eam Generator option of Work conducted: /a plemental sheets in fo on this report is includ	Name Westinghouse Framatome Replaced the primar Hydrostatic Other Other class rm of lists, sketches, or led on each sheet, and	1102 GV/PI292 y side of the Steam Preumatic Pressure 22: drawings may be to (3) each sheet is not sheet is n	n Generator. Nominal Op 35 used, provided numbered and	134-012 berating Press psi Test Test 1 (1) size is 8 1	1968 2003 ure mp /2 in. x 11 in	Removed, or Installed Removed Installed Exempt	• F	
an a	· 8. 01	Old Stea New Ste Descri Tests o ther: n/	am Generator eam Generator option of Work conducted: /a plemental sheets in fo on this report is includ	Name Westinghouse Framatome Replaced the primar Hydrostatic Other Other class rm of lists, sketches, or led on each sheet, and	1102 GV/PI292 y side of the Steam Preumatic Pressure 22: drawings may be to (3) each sheet is not sheet is n	n Generator. Nominal Op 35 used, provided numbered and	134-012 berating Press psi Test Test 1 (1) size is 8 1	1968 2003 ure mp /2 in. x 11 in	Removed, or Installed Removed Installed Exempt	• F	
	· 8. 01	Old Stea New Ste Descri Tests o ther: n/	am Generator eam Generator option of Work conducted: /a plemental sheets in fo on this report is includ	Name Westinghouse Framatome Replaced the primar Hydrostatic Other Other class rm of lists, sketches, or led on each sheet, and	1102 GV/PI292 y side of the Steam Preumatic Pressure 22: drawings may be to (3) each sheet is not sheet is n	n Generator. Nominal Op 35 used, provideo umbered and	134-012 Derating Press psi Test Test d (1) size is 8 1 number of shee	1968 2003 ure mp /2 in. x 11 in	Removed, or Installed Removed Installed Exempt	• F	
	· 8. 01	Old Stea New Ste Descri Tests o ther: n/	am Generator eam Generator option of Work conducted: /a plemental sheets in fo on this report is includ	Name Westinghouse Framatome Replaced the primar Hydrostatic Other Other class rm of lists, sketches, or led on each sheet, and	1102 GV/PI292 y side of the Steam Preumatic Pressure 22: drawings may be to (3) each sheet is not sheet is n	n Generator. Nominal Op 35 used, provideo umbered and	134-012 Derating Press psi Test Test d (1) size is 8 1 number of shee	1968 2003 ure mp /2 in. x 11 in	Removed, or Installed Removed Installed Exempt	• F	

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY	•

9. Remarks This work is in support of the Unit 1 Steam Generator Replacement.

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ITEM 1-22-055

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	CERT	IFICATE OF COMPLIANCI	E	
We certify that the statement	s made in the report a	re correct and this conforms to th	he requirements of the ASME Code, Section XI.	
Type Code Symbol Stamp	NIA			
Certificate of Authorization-N	O. NA	Expiration Date		_
Signed	<u>//</u>	, ASME Program Engineer D	Date 12/16/04	
Own	er or Owner's Designe	ee, 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
Date Inspector's Signature Commissions <u>NB 1285 AN1_MN 31924</u> Date Inspector's Signature National Board, Province and Endorsements

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	1. Manulacture Zone Industriel						n St. Marcel			
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	2. Manufacture	d for NORTHE	ERN STATE				·			<u>.</u>
	4747 MAKONU			• .		ss of Purcha	ser)			
	3. Location of it						NT LINIT 1			
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	5. ASME Code			<u>1995</u> (edition)	(adde	<u>1996</u> enda date)	<u>1</u> (class)	(code	narks # 19 case no.)	
	Items 6-10 Inclu			• • • • • •	is, jackets (of Jacketed	vesseis, or sn	eils of neat ext		
	6. Shell <u>Sec</u> (mari speci		ary sheet (pa (nom, #	ge <u>3 ot 4)</u> hickness. (in.))	(min.desig	n thickness (in.)	(dia.10 (ft	& inc.)) (len	<u>68' 3"</u> oth (overall) (it & i	nc.))
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,	- 7, Seams	<u>N/A</u> (long)	<u>N/A</u> (HT'.)	<u>N/A</u> (RT)	<u>N/A</u> (eff.%)	<u>Sn</u> (94	ngle nh) (<u>Yes Full</u> HT') (RT)		f courses)
	8. Heads	<u>SA 508 Gr</u> ((a) mat .1 s		<u>90 K</u> (tensile str		((b) ma	<u>N/A</u> N' I spec. n (year l	ouitt)	<u>N/</u> (tensile s	
• • •	Location (top bottom, end		Corrosion Allowance	Crown Radius	Knuckie Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side t Pressu (convex concav
	(a) Top (b) Bottom	3.54* N/A	0.06* N/A	N/A N/A	N/A N/A	2/1 N/A	N/A .N/A	N/A N/A	N/A N/A	Concav N/A
· •				· · ·			.1		·	
· .	If removable, bol	ts used		N/A .		0	ther fastening_	·	• N/A	<u></u>
,										
	9 Jacket closure	•	(mat'l,	spec., n°, size	e, quantity)		N'A	(describe or	attach sketch	1)
	9. Jacket closure	(describe as og		r, etc. If bar	r, give dimen	isions, describe	•) 57 ·
	•	ture ² <u>1085</u> at n (psi) to be completed <u>SA 508 (</u> (stationary, n N	describe as og nax. temp. <u>6(</u> (* d for tube sect Gr 3 Cl 2 nat'i, spec. n*) /A	ee & weld, ba <u>)0</u> Min. press F) <i>Jons</i> (dia. In. (subjection) N	r, etc. If bar sure-test tem 4 <u>2</u> " ct to press.)) <u>VA</u>	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes - <u>N/A</u>	isions, describe Fneu, hydro, o <u>6</u> " s (in.)) (att	or sketch) comb. Test pres: <u>Welded</u> achment (welded, <u>N/A</u>	sure <u>13</u> (P boked))	
	10. Design press Items 11 and 12	ure ² <u>1085</u> at n (psi) to be completed <u>SA 508 (</u> (stationary, n	describe as og nax. temp. <u>6(</u> (* d for tube sect Gr 3 Cl 2 nat'l, spec. n*) VA at'l spec. n*)	ee & weld, ba)0 Min. press F) //ons 129 (dia. In. (subje	r, etc. If bar sure-test tem <u>42"</u> ct to press.)) <u>VA</u> (m.))	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes	isions, describe Fneu, hydro, o <u>6</u> " (in.)) (att (att) ((att) (att))((att) (att))((att))((or sketch) comb. Test press <u>Welded</u> achment (welded, <u>N/A</u> (attachment	sure <u>13</u> (P boked))	57 si)
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•	10. Design press Items 11 and 12 11. Tubesheets : 12. Tubes : Items 13 to 16 II 13. Shell : <u>SA</u> (main.))	ture ² <u>1085</u> at n (psi) to be completed (stationary, n (floating, ma <u>SB 163 UNS 06</u> (mat.'I spec n') mclusive to be co 508 Gr3 Cl 2 it spec n')	describe as og nax. temp. <u>6(</u> (* d for tube sect Gr 3 Cl 2 nat'i, spec. n*) VA nt'i spec. n*) 690 completed for li <u>90 Ksi</u> (tensile strength)	ee & weld, ba)0 Min. press F) //ons (dia. In. (subje (dia. In. (subje (dia. In. (subje (dia. In. (subje (dia. In. (subje) (dia. (dia. (r, etc. If bar sure-test term sure-test term (to press.)) (thickne rs of jacket (n.))	r, give dimen p. <u>70</u> (°F) (°F) ('fc) ('	Isions, describe Fneu, hydro, o 6" 5 (in.)) (att (att) ((att))((att))((a	or sketch) comb. Test press welded achment (welded, <u>N/A</u> (attachment (t) of heat exchang <u>124.40</u> ° (da. ID (n .))	sure <u>13</u> (p bolted))) <u>U</u> ype (straight or gers <u>1</u>	57 si)
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	10. Design press Items 11 and 12 11. Tubesheets : 12. Tubes : Items 13 to 16 II 13. Shell : <u>SA</u> (main)) 14. Seams : 15. Heads ((Location (a) Top, bottom, end (b) Channel	(for the second	describe as og nax. temp. <u>6(</u> (* d for tube sect Gr 3 Cl 2 mat'l, spec. n*) //A t'l spec. n*) <u>690</u> ompleted for li <u>90 Ksi</u> (tensile strength) lingle) (HT ¹ (ye <u>90 KSi</u> (tensile strength) Crown Kr Radius R:	ee & weld, ba <u>00</u> Min. press <i>Ions</i> (dia. In. (subjection) (dia. In. (sub	r, etc. If bar sure-test tem 42" ct to press.)) /A (In.)) (thickne <i>rs of jacke</i> 	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>N/A</u> (thicknes <u>0.043*</u> (thicknes or (ted vessels, (min. design two <u>5.4*</u> (min. design two <u>Single/</u> K) (girth <u>N/A</u> (tensile streng <u>Conical</u> <u>bex Angle</u> <u>N/A</u>	1sions, describe Fneu, hydro, o 6" s (in.)) (att) is (in.)) <u>4866</u> gage)) (n" , or channels (in.)) <u>Double</u> (H) (c)) mat.1 = Hemispherica Radius 65.26"	or sketch) comb. Test press achment (welded, N/A (attachment (h) of heat exchang <u>124.40°</u> (da. ID (n.)) es <u>Full</u> T) (RT) pec.n*) I Flat Diameter N/A	sure 13 (p bolted))) (pe (straight or gers 1 (length 1 (n° of cc <u>N/A</u> (tensile strengt Side to Pres (convex concave	57 si) 5.35" overall) (ft & urses) h) ssure or
	10. Design press Items 11 and 12 11. Tubesheets : 12. Tubes : Items 13 to 16 II 13. Shell : <u>SA</u> (main)) 14. Seams : 15. Heads ((Location (a) Top, bottom, end (b) Channel	(foure ² <u>1085</u> at m (psi) to be completed (stationary, m (floating, ma <u>SB 163 UNS 06</u> (mat.1 spec n') mclusive to be co <u>508 Gr3 Cl 2</u> n spec n') <u>N/A</u> Mag. (welded. Dbl., si <u>SA 508 Gr3 Cl 2</u> a) mat1 spec. n*) Thickness is <u>5.29"</u> N/A	describe as og nax. temp. <u>6(</u> (* d for tube sect Gr 3 Cl 2 nat'i, spec. n*) VA st'i spec. n*) <u>690</u> ompleted for In <u>90 Ksi</u> (tensile strength) ingle) (HT' (ye <u>90 KSi</u> (tensile strength) Crown Kr Radius R: N/A	ee & weld, ba <u>00</u> Min. press <i>Ions</i> (dia. In. (subjection) (dia. In. (sub	r, etc. If bar sure-test tem 42" ct to press.)) //A (In.)) (thickne rs of jacket 	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>N/A</u> (thicknes <u>0.043*</u> (thicknes or (ted vessels, (min. design two <u>5.4*</u> (min. design two <u>Single/</u> K) (girth <u>N/A</u> (tensile streng <u>Conical</u> <u>bex Angle</u> <u>N/A</u>	Isions, describe Fneu, hydro, o 5 (in.)) (att 5 (in.)) (att 5 (in.)) 6 (in.)) (att 6 (in.)) (att 6 (in.)) (att 6 (in.)) (att 1 (att 1 (att 1 (att) 1	or sketch) comb. Test press achment (welded, N/A (attachment) (h) of heat exchang <u>124.40°</u> (da. ID (n.)) es <u>Full</u> T') (RT) pec.n*) I Flat Diameter N/A N/A N/A	sure 13 (p bolted))) (pe (straight or gers 1 (length 1 (n° of cc <u>N/A</u> (tensile strengt Side to Pres (convex concave	57 si) 5.35" overall) (ft & urses) h) ssure or
	10. Design press Items 11 and 12 11. Tubesheets : 12. Tubes : Items 13 to 16 in 13. Shelt : <u>SA</u> (na) 14. Seams : 15. Heads <u>S</u> ((Location (a) Top, bottom, end (c) Floating	to be completed (for the completed (stationary, n (floating, ma <u>SB 163 UNS 06</u> (mat.'l spec n') mclusive to be co <u>508 Gr3 Cl 2</u> (t spec n') <u>N/A</u> mg. (welded, Dbl., si <u>SA 508 Gr3 Cl 2</u> a) mat'l spec, n') <u>Thickness</u> <u>ts</u> <u>5.29"</u> N/A	describe as og nax. temp. <u>6(</u> (* d for tube sect Gr 3 Cl 2 nat'i, spec. n*) VA st'i spec. n*) <u>690</u> ompleted for In <u>90 Ksi</u> (tensile strength) ingle) (HT' (ye <u>90 KSi</u> (tensile strength) Crown Kr Radius R: N/A	ee & weld, ba <u>00</u> Min. press <i>lons</i> <i>lons</i> <i>(dia. In. (subjer (dia. In. (subjer (d</i>	r, etc. If bar sure-test tem (42" ct to press.)) (A (In.)) (thickne rs of jacket (In.)) (thickne rs of jacket (In.))	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>N/A</u> (thicknes <u>0.043</u> " ss (inches or p ted vessels, (min. design two <u>5.4</u> " (min. design two <u>5.4</u> " (tensile streng <u>5.4</u> " (tensile streng <u>5.</u>	Isions, describe Fneu, hydro, o 5 (in.)) (att 5 (in.)) (att 5 (in.)) 6 (in.)) (att 6 (in.)) (att 6 (in.)) (att 6 (in.)) (att 1 (att 1 (att 1 (att) 1	or sketch) comb. Test press achment (welded, N/A (attachment (fx) of heat exchang <u>124.40°</u> (da. ID (n.)) es <u>Full</u> T') (RT) pec.n*) I Flat Diameter N/A (describe	sure <u>13</u> (p bolted))) (pe (straight or gers <u>1</u> (tength <u>1</u> (n° of cc <u>N/A</u> (tensile strengt Side to Pres (convex concave <u>Concav</u>	57 si) 5.35" overall) (ft & urses) h) ssure or
	10. Design press Items 11 and 12 11. Tubesheets : 12. Tubes : Items 13 to 16 II 13. Shell : SA (main.)) 14. Seams : (15. Heads (((Location (a) Top, bottom, end (b) Channel (c) Floating If removable, bol 16. Design pres	(foure ² <u>1085</u> at m (psi) to be completed (stationary, m (floating, ma <u>SB 163 UNS 06</u> (mat.'I spec n') mclusive to be co <u>508 Gr3 CI 2</u> (t) spec n') <u>N/A</u> mg. (welded, Dbl., si <u>SA 508 Gr3 CI 2</u> a) mat'i spec, n') <u>Thickness</u> is <u>5.29"</u> N/A ts used SSUFe ² <u>2,485</u>	describe as og nax. temp. <u>6(</u> (* d for tube sect at i spec. n*) <u>VA</u> sti spec. n*) <u>690</u> ompleted for li <u>90 Ksi</u> (tensile strength) ingle) (HT ¹ (ve <u>90 Ksi</u> (tensile strength) (tensile strength) Crown Kr Radius R: <u>N/A</u> (mat'l spec, n') <u>N/A</u> (mat'l spec, n')	ee & weld, ba <u>00</u> Min. press <i>lons</i> <u>129.</u> (dia. In. (subjection) (dia. In. (subjection) (nom, the dia. (subjection) (nom, the dia. (subjection) (nom, the dia. (subjection) (no	r, etc. If bar sure-test tem, $\frac{42^{n}}{ct to press.}$ (in.)) (thickne rs of jacket rs of jacket rs of jacket (in.)) (thickne rs of jacket) (thickne rs of jacket) (thickne)	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>N/A</u> (thicknes <u>0.043</u> * ss (inches or (ted vessels (min design hw <u>5.4*</u> (min design hw <u>5.4*</u> (tensile streng <u>5.4*</u> (tensile streng <u>5.4*</u>	Isions, describe Fneu, hydro, o Fneu, hydro, o (in.)) (att (att)	or sketch) comb. Test press achment (welded, N/A (attachment) (h) of heat exchang 124.40° (da. ID (n.)) es Full T') (RT) pec.n*) I Flat Diameter N/A (describe Test pressure	sure 13 (p bolted))) (pe (straight or gers (length (n° of cc <u>N/A</u> (tensile strengt Side to Pres (convex concave <u>Concave</u> N/A or attach sketcl 3107	57 si) 5.35" overall) (fi & urses) h) ssure or
	10. Design press Items 11 and 12 11. Tubesheets : 12. Tubes : Items 13 to 16 in 13. Shell : SA (mained) 14. Seams : 15. Heads (() Location (a) Top, bottom, end (b) Channel (c) Floating If removable, bol 16. Design press ¹ If postweld hea • Supplemental in	(foure ² <u>1085</u> at m (psi) to be completed (stationary, m (floating, ma <u>SB 163 UNS 06</u> (mat.'l spec n') mclusive to be co <u>508 Gr3 CI 2</u> (mat.'l spec n') mat.'l spec n') Thickness is <u>5.29"</u> N/A ts used SSUre ² <u>2.485</u> (psi)	describe as og nax. temp. <u>6(</u> (' d for tube sect Gr 3 Cl 2 nat'i, spec. n*) VA st'i spec. n*) <u>90 Ksi</u> (tensile strengt) ingle) (HT' (ye <u>90 KSi</u> (tensile strengt) Crown Kr Radius R: (tensile strengt) Crown Kr Radius R: (tensile strengt) N/A I N/A I N	ee & weld, ba 00 Min. press 1/ons 1/ons 1/ons (dia. In. (subjection) (dia. In. (subjection) (di	r, etc. If bar sure-test tem (transpace of the set of the set temp. (thickne rs of facket (thickne rs of facket (thickne rs of facket (thickne rs of facket (thickne rs of facket (thickne rs of facket (thickne (thickne rs of facket (thickne (thickne (thickne (thickne (thickne))) (thickne (thickne (thickne))) (thickne (thickne)) (thickne (thickne)) (thickne) (thickn	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>N/A</u> (thicknes or (ted vessels) (min. design two <u>5.4</u> (min. design two <u></u>	Isions, describe Fneu, hydro, o 5 (in.)) (att 5 (in.)) (att 5 (in.)) (att 5 (in.)) (att 5 (in.)) (att 6	or sketch) comb. Test press achment (welded, N/A (attachment) (h) of heat exchang <u>124.40°</u> (da. ID (n.)) es <u>Full</u> T') (RT) pec.n*) I Flat Diameter N/A (describe Test pressure applicable. // x 11, (2) infor	sure 13 (p bolted))) (rpe (straight or gers (tength (n° of cc <u>N/A</u> (tensile strengt Side to Pres (convex concave <u>Concave</u> N/A or attach sketcl <u>3107</u> (psi)	57 si) 5.35" overall) (fi & urses) h) ssure or

FORM N-1 (Back - Pg 2 of 4)

Certificate Holders' Serial No GV/PI 292

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17. Nozzles, inspection and sa	afety valve o	penings : See s	uppleme	ntary sheet pa	ge 4 of 4			
Purpose (inlet, outlet, drain, etc)	Quantity	Dia. Or Size	Туре	How Attached	Mat'l	Thickness	Reinforcement Material	Location
8. Supports : Skirt <u>No</u> Lu (yes or no)	gs <u>N/A</u> (quantity)	Legs <u>N/A</u> (quantity)	Other	r <u>4 support</u> (describe)	oads .	Attached		and how)
9. Remarks :								
Code cases ares : N-20								
Primary hydrotest perfor Secondary hydrotest pe	<u>med in sh</u> formed o	op; see attai	ched N2	Data Report	ts GV/P	12 S/C 00	<u>& GV/PI 292 (F</u>	<u>PSF)</u>
Sirth weld S/C006 perfo	rmed on s	ite - N Starr	np perfo	rmed on site	NCA-8	322.b	0	
				ION OF DES				
Design Specification certifi	ed by		CALLE	P	.E. State	Virginia ·	Reg. nº024	4373
Design Report certified by	HARRY	T. HARRISON		F	PE State	Virginia	Reg p* 040	201255
				······································		·		
		CERTIFIC		SHOP COM		='		
Ve certify that the stateme	ents made i					- -	ms to the rules f	or
onstruction of the ASME	Code, Secti	on III, Divisior	n 1.				<u>)</u>	
Certificate of Authorizati	_						(\mathbf{b})	
ate <u>3 November</u>	2004						¥[
		(N Ce	rtificate H	older)		(Authorized n	epiesentative)	
· · · · · · · · · · · · · · · · · · ·						<u> </u>		
			•	- Shop INSP				
, the undersigned, holding he State or Province of <u>NE</u>								
nspected the component of	lescribed in	this Data Re	porton	18 Fe	26 20	04 and sta	ate that to the be	st of my
nowledge and belief, the	Certificate I	-lolder has co	nstructed	I this compone	ent in acc	cordance with	the ASME Code	e, Section
II, Division 1. By signing this certificate n	either the i	nspector nor h	nis emplo	yer makes an	iy warran	ty, expressed	or implied, cond	eming the
omponent described in th	is Data Rer	ort. Furtherm	oreneitl	her the inspec	tor nor h	is employer sl	hall be liable in a	iny manner
or any personal injury or p Date <u>9 Nov 04</u> Signe	roperty dar d	Welle	slot any k	und arising fro Commissi	ons A.N	nected with the NY 5258 - N	his inspection.	•
	(Autho	rized Nuclear Ins	pector)		(Nat	1, Bd. (Incl. endors	sements) and state o	r prov. And n*)
			<u> </u>			<u> </u>		
	CE		OF FIELD	ASSEMBLY	COMPL	IANCE		
Ve certify that the stateme	ents on this	report are cor	rect and	that the field :	assembly	construction	of all parts of thi	s nuclear
essel conforms to the rule	es of constr	uction of the A	SME Co	de, Section II	I, Divisio	n 1.		
Certificate of Authorizati		<u>N-2771</u>		Expires Ja			₩.	
Date 9 November Looly		RAMATOME			Sign	ed(Auth	N, norized representa	tive)
	•					•••••		
						NOIT	1	
, the undersigned, holding he State or Province of <u>N</u>								
have compared the statem	ents in this	Data Report	with the c	described cor	nponent	and state that	parts referred to	o as data
tems 8 Nov '04								•
and that to the best of my		and helief the	Certifics	ate Holder hav	s constru	cted and asso	embled this com	oonent In
accordance with the ASM	Code, Sec	ction III, Divisi	on 1.		۰.			
By signing this certificate r	either the li	nspector nor h	nis emplo					
component described in th	is Data Rep	port. Furtherm	ore, neitl	her the inspec	tor nor h	is employer s	hall be liable in a	iny manner

for any personal injury or property Date (Wou's 4 Signed _____ perty damage or a loss of any kind arising from or connected with this inspection. (Authorized Nuclear Inspection) (Nat'l Bd. (Incl endorsements) and state or prov. and n°)

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		² CERTIFIC/	ATE HOL			Division 1
	. As nequin	-	• • •			
 	<u> </u>	Certific		s Serial Nos.	<u>GV/PI 292</u>	Pg. <u>3</u> of 4
1. Manufactu	red and certified by			ne de Chalon/S rtificate Holder)	aint Marcel	
Zone Indus	trielle et vortuaire	sud - 71380 SAINT				· · · · · · · · · · · · · · · · · · ·
2. Manufactu	red for NORTHI	ERN STATES POW			· · · · · · · · · · · · · · · · · · ·	
1717 Wako	nade Drive Fast -	(Name : WELCH, MINNES		of Purchaser)		,
· · · · · · · · · · · · · · · · · · ·		·····			· · · · · · · · · · · · · · · · · · ·	
3. Location of	Installation	PRAIRIE ISLAND	NUCLEAR	GENERATIN	<u>G PLANT UNIT 1</u>	
1717 WAKON	ADE DRIVE EAS	T-WELCH, MINNI	ESOTA 550	89 - USA		<u>;</u> •
•		(Name and addr	ess)	E	E-G-DB-0568-B E-G-DB-0572 -D	<u>162 2004</u>
(hor	iz. or vert.) (tank, jac	Exchanger keted, heat. ex.) (Cert	Holder Serial r	17) (CRN)	(drawing n°)	(Nat1 Bd.n*) (year built)
			e			
6 – Sheli						•
				ELL MATERIA	<u>.</u>	
				·	·	
Data Items by Line N*	Shell designation	Material spec. N°	Tensile strength	Nominal thickness (inch.)	Minimum design thickness (inch.)	dia. I D (ft & inch.)
	Lower shell	SA 508 Gr3 CI 2	90 KSI	2.73	2.6	10' 9.42"
	shell	SA 508 Gr3 Cl 2	<u>∶</u> 90 KSi _	2.73	2.6	10' 9.42"
6	Conical shell	SA 508 Gr3 Cl 2	90 KSi	3.72	3.6	10' 9.42" and 14' 0.32"
	Nozzle shell Upper shell	SA 508 Gr3 Cl 2 SA 508 Gr3 Cl 2	90 KSi 90 KSi	<u>3.39</u> 3.39	<u>3.27</u> <u>3.27</u>	<u>14' 0.32'</u> 14' 0.32'
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	i internetionalista de la constante de la const	•• ••	• • • •	•••		• .
	•			· · · · · · · · · · · · · · · · · · ·	· · · · · (/)	,
Date 9 Nov	Jeuber Lade	Name Frama	tome A	WPSigne	ed	i
\sim	1. 11	(Certifica	te Holder)		(Authorized lepre	sentative)
Date $\underline{\cdot }$	Vov 2004	•				· ·
Signed_	Never	Commissi	ons A.	N. NOI	2223 NY S	258

(Authorized Nuclear Inspector)

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[Nat'l Board (Inc. Endorsements), State, Province and No)

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SUPPLEMENTARY SHEET **CERTIFICATE HOLDERS' DATA REPORT** As Required by the Provisions of the ASME Code Section III, Division 1

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de sei an a the second			Cert	ificate Holde	r's Serial Nos	GV/PI 29	2 <u>Pg.</u>	_4 of _4
1. Manufactur	ed and cer	tified by F	RAMATO)ME ANP – L	Jsine de Chalon/Sair	nt Marcel		
1. manufactor		uncu by	· · · · · · · · · · · · · · · · · · ·		Certificate Holder)		· · · · ·	
Zone Indust	rielle et po	rtuaire sud -	<u>71380 SA</u>	INT MARCE	EL - FRANCE			
2. Manufactur	ed for N	ORTHERN S	TATES P	OWER COM	IPANY			
					ss of Purchaser)		· · ·	
1717 Wakor	nade Drive	East – WEL	CH, MINI	NESOTA 550)89 - USA			
3. Location of	Installatior	n <u>PRAII</u>	RIE ISLA	ND NUCLEA	AR GENERATING I	PLANT UN	<u>IIT 1</u>	
<u>1717 WAKON</u>	ADE DRIV							
1 Tune 1	India 1		Name and			G-DB-0568-		2004
	<u>/ertical</u> z, or vert.) (Heat Exchan (tank, jacketed, h	eat. ex.)	GV/PI 29 (Cert, Holder ser	2 <u>N/A EE-C</u> tal n*) (CRN)	<u>5-DB-0572 -</u> (drawing n*)	<u>D</u> <u>162</u> (Nat'l Bd.n'	<u>2004</u>) (year built)
17 – Nozzle ir	reportion -	and cafaty	ve oneri-	~				
17 - INOZZIE II	ispection a	inu salety val	•	-	•			•
			Table	2 – Nozzles	and Access Opening	S		
Purpose	Quantity	Dia. or Size	Туре	How attached	Material	Thickness	Reinforcement Material	Location
Primary manways	2	18"	Integral	Integral forged	SA 508 Gr3 Cl 2	6.4"	Integral	Channel head
Primary inlet	1	31.61"	Integral	Integral forged	SA 508 Gr3 Cl 2 and SA 182 F 316 LN	3.5"/12" 3.3"	Integral	Channel head
Primary outlet	1	31.61"	Integral	Integral forged	SA 508 Gr3 Cl 2 and SA 182 F 316 LN	3.5"/12" 3.3"	Integral	Channel head
Handholes	· 6	8"	Built up	Welded	SFA-5.5 AWS E9018-G SFA-5.23 AWS F9P4—EEF2N-F2N	5.25 "	Built up	Lower shell and Intermediate shell
Instrumentation taps %"	15	0.72"	Set on	Full penetration corner weld	SA 105	0.64*	N/A	Lower shell and Nozzle shell
Instrumentation taps 1"	3	0.91**	Set on	Full penetration corner weld	SA 105	0.67*	N/A	Upper shell and Nozzle shell
Blowdown taps 2"	2	1.939"	Set on	Full penetration corner weld	- SA 105	0.78"	N/A	Tubesheet
Secondary manways	2	18"	Sct in	Full penetration butt weld	SA 508 Gr3 Cl 2	. 6.78"	Integral	Upp er shell
Feedwater	1	13.94"	Set in	Full penetration butt weld	SA 508 Gr3 Cl 2	6.1"/1.6"	Integral	Nozzle shell
				Full	1			

Date 9 Novau W 2004 Name FRAMATOME ANP (Certificate Holder) Signed (Authorized representative) Nov. 2004 V Date NO12223 NY 6268 aper AN Signed Commissions [Nat1 Board (Inc. Endorsements), State, Province and No] (Authorized Nuclear Inspector)

Full

penetration butt weld Integral forged

SA 508 Gr3 Cl 2

SA 508 Gr3 Cl 2

1.9"/3.8"

2.2"/10.7"

N/A

Integral

Nozzle shell

Top head

2.63"

32"

Set in

Integral

1

1

Recirculation

Steam Outlet

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III Not to Exceed One Day's Production

Pg. 1 of _2_

1.	Manufactured and certified by _	SGT Ltd. 400	South Tryon Street	Charlotte NC 28285	
2.	Manufactured forFRAMAT	OME ANP-Usine de Chaic		Industrielle et portuaire Sud - 7	1380 Saint Marcel - France
3.	Location of installation Prairie	Island Nuclear Generating ER80S-D2		nade Drive East Welch, MN 55	5089
4.	Type BUMPPI/NGV4020	E8018-NM2 (mat'l. spec. no.)	90 ksi minimum (tenzile strength)	<u>N/A</u>	2004
5.	ASME Code, Section III, Division	1:1995 (edition)	1996 Iaddenda date)	<u>1</u> (class)	N/A (Code Case no.)
6.	Fabricated in accordance with Co	onst. Spec. (Div. 2 only)	<u>N/A</u> Rev	vision	Date
7.	Remarks:Site Girth weld be	tween conical shell and	nozzle shell		· · · · · · · · · · · · · · · · · · ·

8. Nom. thickness (in.) <u>3.39</u> Min. design thickness (in.) <u>3.27</u> Dia. ID (ft & in.) <u>14' - 0 5/16</u>" Length overall (ft & in.) <u>N/A</u>
 9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

•	Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Seri	Appurtenance al Number	National Board No. in Numerical Order	•
/11	SG 12-S/C006	N/A	(26)			·
		,	(27)(28)		• • • •	
(5) -			(29)(30)			_
(6)		•	(30)		· · ·	
		· ·	(32)			
					· ·	
			• • •			
				·····		
		······································	(36)		· · · · · · · · · · · · · · · · · · ·	_
12) _			(37)		· · · · · · · · · · · · · · · · · · ·	
					· · ·	
			1			
16) _	,					
			(42)	•		
18) _						
19) _			(44)			
			(45)			
21) _			(46)			_
22) _			(47)	<u>`_</u>		
23) _						
24) _					•	
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* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each abeat, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(7/98)

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

(when applicable)

		Certificate Holder's Se	rial Nos. <u>SG</u> 1	2-S/C006 th	rough	
	CER	TIFICATION OF DESIGN	v			
Design specifications certified by	Joselito O. Calle		_ P.E. State _	Virginia F	Reg. no	24373
Design report* certified byHar		· · · · · · · · · · · · · · · · · · ·	P.E. State	<u>Virginia</u> F	Reg. no. <u>0</u>	40201255
	CERT	IFICATE OF COMPLIAN	CE	<u> </u>		
We certify that the statements main conforms to the rules of construct	-		weld			· · · ·
NPT Certificate of Authorization N	N-3090-1	·	Expires	May 31, 200	5	
Date <u>11-9-04</u> Nam	e SGT Ltd. (NPT Certificet	e Holder)	Signed	Jugara te	Brezentative)	Q.
	CERT	IFICATE OF INSPECTIO	DN .		<u> </u>	
, the undersigned, holding a valid	commission issued by the N	lational Board of Boiler	and Pressure Ve	sel inspectors a	and the State	or Provinc
est of my knowledge and belief, I, Division 1. Each part listed has ly signing this certificate, neither t n this Data Report, Furthermore, r r loss of any kind arising from or	the Certificate Holder has fabri been authorized for stamping he inspector nor his employe wither the inspector nor his er connected with this inspectio	ricated these parts or ap g on the date shown abo r makes any warranty, e mployer shall be liable i on.	opurtenances in a ova. expressed or impl	iccordance with ied, concerning	the equipme	ade, Section nt describe
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	FOR	M NIS-2 OW	NER'S REPO		REPAIR		CEME		/ITY
	•				•	,	· · · · · ·	ITEM 1-22-0	56
1.	Owner	Nuclear Management	<u> </u>	·; · ·	Date 12	/14/2004		·	
2.	Plant	Praire Island Nuclear	Name Generating Plant	5. · · · · · · · ·	Sheet	1	of	2	. ⁶ .
		1717 Wakonade Dr. E	Name , Welch Minnesota 5	5089	0310372, 03	310442, 03104	36, DCP 03F	RC02, DCP 0350	
		· · · · · · · · · · · · · · · · · · ·	Address					o., Job No., etc	
3.	Work Pe	erformed by SGT Ltd			Type Code	Symbol Stam	p NPT	, , <u>.</u>	• ~
		400 S. Tyron St. Suite	Name 2100, Charlotte, NC	28285	Authorizatio		N-3090	-1	
			Address		Expiration I	•	6/4/07		· ·
! .	Identific	ation of System R			Code Class		1		
5.	(a) Appl	licable Construction C	ode ASME III	,	1995		Edit	ion ·	
		· · ·	Addenda 19	996	Code Case	n/a		· . ^	1
6.	• • •	blicable Section XI Coo	e Cases N-416-2						,
		nent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or	ASME Code
	Compoi	**	Maine				1 I	Installed	Stamp
		am Generator	Westinghouse	1101	68-24	134-011	1968	Installed Removed	
	Old Stea	•	· · ·	1101 GV/PI291	68-24	134-011 134-011	1968 2003		Stamp
7.	Old Stea	am Generator	Westinghouse	GV/PI291	· · ·			Removed	Stamp
7.	Old Stea New Ste	am Generator eam Generator	Westinghouse Framatome Replaced the primary	GV/PI291	n Generator.		2003	Removed	Stamp
8.	Old Stea New Ste	am Generator eam Generator ption of Work conducted:	Westinghouse Framatome Replaced the priman Hydrostatic F	GV/PI291	n Generator. Nominal Ope	134-011	2003 ure 💽 mp	Removed	Stamp
8. Ot	Old Stea New Ste Descrip Tests o her: n/2	am Generator eam Generator ption of Work conducted:	Westinghouse Framatome Replaced the primary Hydrostatic F Other of lists, sketches, or	GV/PI291 y side of the Stean Pneumatic Pressure 22 drawings may be	n Generator. Nominal Ope 35 provided	134-011 erating Press osi Test Te (1) size is 8 1	2003 ure ☑ mp /2 in. x 11 in	Removed Installed Exempt	• F

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

	ITEM 1-22-056
Remarks	This work is in support of the Unit 1 Steam Generator Replacement.
	CERTIFICATE OF COMPLIANCE
-	that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
-	
Type Code	that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code	that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Symbol Stamp IA of Authorization No. N/A Expiration Date
Type Code	that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Symbol Stamp

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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>13 Jul 09</u> to <u>12 Jav 05</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date 1205 Commissions NB 1/2055_441 M 21924 National Board, Province and Endorsements
Dale, 2005

FORM N-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR VESSELS* As Required by the Provisions of the ASME Code, Section III, Division 1

	one Industrielle		oy <u>FRAM</u> Sud - 71380	SAINTM	ARCEL -	FRANCE				 :
2	Monufactured f	A NODTU		-	• • • •		ertificate Holder)	• •	
2.	. Manufactured f		KN STATE		ne and addre		ser)	• .		:
_	717 WAKONADI								·	:
	Location of inst				• • •	• -		· · · · · · · · · · · · · · · · · · ·		- <u></u> •
_1	717 WAKONAD	E DRIVE EA		H. MINNE and addres		9 – USA	EE-G-DB-	1568-B	· · · · · ·	<u> </u>
4.		<u>rtical He</u> . or vert.) (tank	at Exchanger		<u>GV/PI 291</u> ert. Holder seria	<u>N/A</u> n") (CRN)	EE-G-DB-	0572-D		004 ar built)
5.	ASME Code, S	ection III, Div	ision 1	<u>1995</u> (edition)		<u>1996</u> enda date)	<u>1</u> (class)		narks # 19 case no.)	
lt	ems 6-10 inclusiv	e to be compl	leted for sing				· ·			
6.	Shell Sec (mati spec.n*.)	Supplement							<u>68' 3"</u>	
_		(tensile streigth	u (nom, i		(min.desig		(dia.10 (ft &	inc.)) (ieng	yth (overail) (ft & inc.)	D
7.	Seams	<u>N/A</u> (long)	<u>N/A</u> (HT'.)	<u>N//</u> (RT)	(eff.%)	<u>Sir</u> (giu		<u>(es Full</u> (T ¹) (RT)	5 (n° of c	ourses)
8.	Heads	<u>SA 508 Gr</u> ((a) mat.1 sp) KSi strength)	((b) ma	<u>N/A</u> t' I spec. n (year b	uit)	<u>N/A</u> (tensile stre	ngth)
	Localion (top, bottom, ends)	Thickness	Corrosion Allowance			Elliptical Ratio	Conical Apex Angle	Hemispherica Radius	al Flat Diameter	Side to Pressur (convex concave
a) b)	Top Bottom	3.54* N/A	0.06* N/A	N/A N/A	N/A N/A	2/1 N/A	N/A N/A	N/A N/A	N/A N/A	Concave N/A
~		· .								
lf	removable, bolts u	ised _	(matil	N/A	size, quantity)		her fastening	(describe or	attach sketch)	:
9.	Jacket closure :		(, opco., ii , i	mee, quantity					
1(). Design pressure		nax. temp. <u>6</u>	<u>00</u> Min. p	bar, etc. If ba	r, give dimen	N/A sions, describe Pneu, hydro, or			
). Design pressure	² <u>1085</u> әт п (psi)	nax. temp. <u>6</u> (<u>00</u> Min. p •F)	· ·	r, give dimen	sions, describe	or sketch)		
H		² <u>1085</u> et π (psi) be completed <u>SA 508 (</u>	nax. temp. <u>6</u> (I for tube sec Gr 3 Cl 2	00 Min. p *F) tions	ressure-test ten 29,42"	r, give dimen np. <u>70</u> (°F) 21,4	isions, describe Pneu, hydro, or <u>6</u> "	or sketch) comb. Test press <u>Welded</u>	зиле <u>1357</u> (psi)	
11 1). Design pressure ems 11 and 12 to I. Tubesheets :	² <u>1085</u> et m (psi) be completed (stationary, n (floating, ma	nax. temp. <u>6</u> (I for tube sec Gr 3 Cl 2 na*l, spec. n*) /A t'I spec. n*)	00 Min. pr *F) tions (dia. In. (su	ressure-lest ten 29.42" bject to press.) <u>IV</u> A	r, give dimen 1p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>N/A</u>	isions, describe Pneu, hydro, or <u>5</u> ° s (in.)) (atta s (in.))	or sketch) comb. Test press <u>Welded</u> chment (welded, <u>N/A</u> (attachment)	sure <u>1357</u> (psł) bolted))	
<i>k</i> (1 [.] 1:	D. Design pressure ems 11 and 12 to I. Tubesheets : 2. Tubes : <u>Si</u>	² <u>1085</u> et m (psi) be completed (stationary, n (floating, ma <u>B 163 UNS 06</u>) (mal.1 spec n")	nax. temp. <u>6</u> (1 for tube sec <u>Gr 3 Cl 2</u> nat'l spec. n*) <u>/A</u> t'l spec. n*) <u>690</u>	00 Min. p *F) (dia. In. (su (dia. In. (su 0.75* (OD (in.))	ressure-lest ten 29.42" bject to press.) <u>IVA</u> lia. (in.))	r, give dimen np. <u>70</u> (*F) (thicknes (thicknes <u>0.043</u> ess (inches or (sions, describe Pneu, hydro, or 5 5 (in.)) (atta 5 (in.)) <u>4868</u> 1992)} (n*)	or sketch) comb. Test press <u>Welded</u> chment (welded, <u>N/A</u> (attachment)	sure <u>1357</u> (psł) bolted)) pe (straight or U))	
11 11 12	0. Design pressure ems 11 and 12 to 1. Tubesheets : 2. Tubes : <u>Si</u> ems 13 to 16 inclu 3. Shell : <u>SA 506</u>	² <u>1085</u> et m (psi) be completed (stationary, n (floating, ma <u>B 163 UNS 060</u> mat.1 spec n") usive to be co <u>3 Gr3 Cl 2</u>	hax. temp. <u>6</u> ((d for tube sec <u>Gr 3 Cl 2</u> hat'l, spec. n*) (<u>A</u> t'l spec. n*) <u>690</u> empleted for l <u>90 Ksi</u>	00 F) Min. p tions (dia. In. (su (dia. In. (su))))))))))))))))))))))))))))))))))))	ressure-lest ten 29.42" bject to press.) <u>IVA</u> lia. (in.)) (thickno bers of jacke 5.66"	r, give dimen np. <u>70</u> (°F) (thicknes <u>0.043</u> " ess (inches or (eled vessels, <u>5.4</u> "	Isions, describe Pneu, hydro, or 5 (in.)) (atta 5 (in.)) <u>4868</u> 1999)} (n°) , or channels of	or sketch) comb. Test press chment (welded, (attachment) (ty f heat exchang 124.40 ^{**}	sure <u>1357</u> (psi) bothed))) pe (straight or U)) gers <u>15.3</u>	5 *
1: 1: 1: 1: 1: 1:	D. Design pressure ems 11 and 12 to I. Tubesheets : 2. Tubes : <u>Si</u> (ems 13 to 16 inclo 3. Shell : <u>SA 506</u> (mat1, sg)	² <u>1085</u> et m (psi) be completed (stationary, n (floating, ma <u>B 163 UNS 060</u> mat.1 spec n") usive to be co <u>3 Gr3 Cl 2</u> pec.n"	nax, temp. <u>6</u> ((f for tube sec <u>Gr 3 Cl 2</u> nat'l spec. n°) / <u>A</u> t'l spec. n°) <u>690</u> mpleted for l <u>90 Ksi</u> (tensile strength)	00 Min. p *F) (dia. In. (su (dia. In. (su (dia. In.)) (nom r cham	29.42" bject to press.) <u>NVA</u> lia. (in.)) (thickno <u>5.66"</u> inckness (in.))	r, give dimen np. <u>70</u> (*F) (thicknes <u>0.043</u> ess (inches or (sted vessels, (min. design thick)	isions, describe Pneu, hydro, or 5 (in.)) (atta 5 (in.)) <u>4868</u> jage)) (n*) , or channels of trness (in.))	or sketch) comb. Test press chment (welded, <u>N/A</u> (attachment) (ty f heat exchang <u>124.40°</u> (ca. IO (in .))	botted)) botted)) pe (straight or U)) gers	5 *
11 11 11 11 11 11 11 11 11	D. Design pressure ems 11 and 12 to I. Tubesheets : 2. Tubes : <u>Si</u> (cems 13 to 16 inclu 3. Shell : <u>SA 506</u> (mati, sp)) 4. Seams : (long.	² <u>1085</u> et m (psi) be completed (stationary, n (floating ma <u>B 163 UNS 06</u> mal.1 spec n") usive to be co <u>3 Gr3 Cl 2</u> pec.n" <u>N/A</u> (welded. Dbl., si	nax. temp. <u>6</u> (d for tube sec <u>Gr 3 Cl 2</u> nat'l spec. n*) <u>(A</u> (trispec. n*) <u>690</u> (tensile strength) (tensile strength)	00 Min. pr *F) (dia. In. (su (<u>0.75*</u> (OD (in.)) (nner cham (nom, # N/A res or no)	29.42" bject to press.) <u>N/A</u> (thickne bers of jacke <u>5.66"</u> (kkness (in.)) <u>N/A</u> <u>N/A</u> (RT) (eff.	r, give dimen np. <u>70</u> (°F) (thicknes <u>0.043</u> " ess (inches or (cted vessels, <u>5.4</u> ° (min. design thick S <u>ingle/</u> %) (girth	isions, describe Pneu, hydro, or 5° s (in.)) (attal s (in.)) 4868 jage)) (n°) , or channels of kness (in.)) Double) (H1)	or sketch) comb. Test press <u>Welded</u> chment (welded, <u>N/A</u> (attachment) (ty f heat exchang <u>124.40°</u> (da. 10 (in .)) <u>25 Full</u>	botted)) botted)) pe (straight or U)) gers (tength ove 1 (n° of cours	15" Frail) (ft &
11 11 11 11 11 11 11 11 11	D. Design pressure ems 11 and 12 to I. Tubesheets : 2. Tubes : <u>Si</u> (ems 13 to 16 inclu 3. Shell : <u>SA 506</u> (mat1, si 4. Seams : (long. 5. Heads <u>SA 5</u>	² <u>1085</u> et m (psi) be completed (stationary, n (floating, ma <u>B 163 UNS 06</u> / mal.1 spec n") usive to be co <u>3 Gr3 Cl 2</u> pecn") <u>N/A</u>	nax. temp. <u>6</u> ((f for tube sec <u>Gr 3 Cl 2</u> nat'l, spec. n*) (<u>A</u> t'l spec. n*) <u>690</u> (tensile strength) <u>90 KSI</u> (ungle) (HT ¹ (y <u>90 KSI</u>	00 Min. p *F) tions (dia, In. (su (dia, In. (su))))))))))))))))))))))))))))))))))))	29.42" bject to press.) <u>N/A</u> (thickne bers of jacke <u>5.66"</u> (ktness (in.)) <u>N/A</u> <u>N/A</u> (RT) (eff.	r, give dimen np. <u>70</u> (°F) (thicknes <u>0.043</u> " ess (inches or (<u>5.4</u> " (rrin. design thick (s) <u>5.4</u> " (rrin. design thick (rrin. design thick (rrin. design thick) (girth	isions, describe Pneu, hydro, or 5° s (in.)) (attal s (in.)) 4868 jage)) (n°) , or channels of kness (in.)) Double) (H1)	or sketch) comb. Test press chment (welded, N/A (attachment) (ty f heat exchang $\frac{124.40^{\circ}}{(da. ID (in.))}$ $\frac{5}{12}$	sure <u>1357</u> (psi) botted)) pe (straight or U)) gers <u>15.3</u> (fength ove <u>1</u>	15" Frail) (ft &
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11 11 11 11 11 11 11 11 11 11	D. Design pressure ems 11 and 12 to I. Tubesheets : 2. Tubes : <u>SI</u> (ems 13 to 16 inclue 3. Shell : <u>SA 506</u> (mat1, si 4. Seams : (long. 5. Heads <u>SA 1</u> (ia) m Location p, bottom, ends (b) Channel (c) Floating	² <u>1085</u> at m (psi) be completed (stationary, m (floating, ma <u>B 163 UNS 060</u> mat.1 spec n ⁻) usive to be co <u>3 Gr3 Cl 2</u> pec.n ⁻) <u>N/A</u> (wekded. Dbl., si <u>508 Gr3 Cl 2</u> nat1 spec. n ⁻) Thickness <u>5.29[*]</u> N/A	hax. temp. 6 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	00 Min. pr *F)	ressure-test ten bject to press.) <u>IVA</u> (thickne bers of jacke <u>5.65"</u> (RT) (eff. (RT) (eff. A till spec. N*)) Iliptical Ratio A N/A N/A	r, give dimen p. <u>70</u> (°F) <u>21.4</u> (thicknes <u>0.043</u> " ess (inches or (conical pex Angle <u>N/A</u> <u>N/A</u> (tensile streng <u>Conical</u> pex Angle <u>N/A</u> <u>N/A</u> <u>Other fast</u>	isions, describe Pneu, hydro, or 5 (in.)) (atta- 5 (in.)) (atta- 5 (in.)) <u>4868</u> (in.)) <u>4868</u> (in.)) <u>4868</u> (in.)) <u>0 c channels of</u> thought (in.)) <u>Double</u> <u>1 (H1)</u> <u>N/A</u> thought (in.)) Hemispherical Radius <u>65.26°</u> N/A	or sketch) comb. Test press chment (welded, <u>N/A</u> (attachment) (ty f heat exchange <u>124.40*</u> (da. ID (in .)) <u>25</u> <u>Full</u> T') (RT) <u>26</u> N/A N/A <u>N/A</u> (describe)	sure <u>1357</u> (psi) bolted))) pe (straight or U)) yers <u>15.3</u> (fenoth ove <u>1</u> (n° of cours (lensile strength) Side to Pressu (convex or concave) <u>Concave</u> N/A	15" srall) (ft & ses)
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This form (E00038) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM N-1 (Back – Pg 2 of 4)

Certificate Holders' Serial No GV/PI 291

17. Nozzles, inspection and safety valve openings : See supplementary sheet page 4 of 4

Purpose	Quantity	Dia, Or Size	Туре	How	Mat'l	Thickness	Reinforcement	Location			
(inlet, outlet, drain, etc)				Attached			Material				
18. Supports : Skirt No Lugs N/A Legs N/A Other <u>4 support pads</u> Attached Integral with channel head (yes or no) (quantity) (describe) (where and how)											
19. Remarks :											
Code cases ares : N-20-3 , N-71-16 , N411-1 , 2142, 2143, N401-1											
Primary hydrotest performed in shop; see attached N2 Data Reports GV/PI 291 (PIF) & GV/PI 291 (PSF) Secondary hydrotest performed on site; see attached N2 Data Report SG 11 – S/C006											
Girth weld S/C006 perfo											
						<u> </u>	<u> </u>				
				ION OF DES		Virginia	02	4373			
Design Specification certifi	ed by			P	P.E. State		Reg. n•				
Design Report certified by	HARRY	T. HARRISON	·	F	P.E. State	Virginia	Reg. n* <u>04(</u>	0201255			
		OFDEIC									
We certify that the stateme construction of the ASME		n this report a	ге согтес	SHOP COMI t and that this			ms to the rules	for			
N Certificate of Authorizati	-	-		Expire	es <u>Jan</u>	uary 29, 200	$\frac{10}{16}$				
Date 9 November	2004	Name FRA	MATON	<u>/IE ANP</u> Sign	ned						
		(Ŋ Ce	rtificate H	older)		(Authorized rej	presentative)				
				SHOP INSP	FOTION						
1, the undersigned, holding the State or Province of <u>NI</u> inspected the component of knowledge and belief, the III, Division 1. By signing this certificate r component described in the	EW-YORK described in Certificate I neither the in is Data Rep	and employed this Data Re Holder has co nspector nor l port. Further	t by <u>RO</u> port on nstructed	AL INSURAL 18 AFE 1 this component inter the inspect	NCE of C 2020 ent in acc by warran	CHARLOTTE 24 and sta cordance with ty, expressed is employer sl	NORTH CAR ate that to the b the ASME Cod or implied, con hall be liable in	DLINA have est of my e, Section ceming the			
for any personal injury or p Date <u>CANOU 64</u> Signe	oroperty dar	rage of a los	of any k	Commissi	ons A.N	NY 5258 - N	nis inspection. IB 12223				
	(Autho	ntzed Nuclear Ins	pector)		(Naf	l, Bd. (Incl. endor:	sements) and state	or prov. And n*)			
	CE		OF FIELD	ASSEMBLY	COMPL	IANCE					
We certify that the stateme vessel conforms to the rule N Certificate of Authorizati	es of constr on n°	uction of the / N-2771	ASME Co	de, Section II	I, Divisio Januar	v construction n 1. v 29, 2006	of all paits of th	is nuclear			
Date 9 November Doly		RAMATOMI Certificate Hol		S	Signed	(Auth	orized representa	tive)			
· · · · · · · · · · · · · · · · · · ·				<u> </u>							
	CI	ERTIFICATE	OF FIEL	D ASSEMBL	Y INSPE	CTION	,				
I, the undersigned, holding the State or Province of <u>N</u> have compared the statem items <i>Lov2004</i>	EW YORK	and employe Data Report	ed by <u>RC</u> with the c	IYAL INSURA	ANCE of nponent	CHARLOTTI and state that	E, NORTH CAR	OLINA			
accordance with the ASMI By signing this certificate r component described in th	items 8 Nov 2004 , not included in the certificate of shop Inspection, have been inspected by me on and that to the best of my knowledge and belief the Certificate Holder has constructed and assembled this component in accordance with the ASME Code, Section III, Division 1. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Date 2 Nov Of Signed Commissions A.N NY 5258 – NB 12223										
	(Authorized	Nuclear Inspect			(Na	i Ba, (incl endors	sements) and state (pr prov. and n*)			

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SUPPLEMENTARY SHEET CERTIFICATE HOLDERS' DATA REPORT

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Roal	irod	by the	Provision	e of the	ASME (Codo S	laction II	I Division 1

Certificate Holder's Serial Nos. <u>GV/PI 291</u> Pg. <u>3</u> of 4

1. Manufactured and certified by ______ FRAMATOME ANP - Usine de Chalon/Saint Marcel

(Name and address of Certificate Holder) Zone Industrielle et portuaire sud – 71380 SAINT MARCEL - FRANCE

2. Manufactured for NORTHERN STATES POWER COMPANY

(Name and address of Purchaser)

1717 Wakonade Drive East – WELCH, MINNESOTA 55089 - USA

3. Location of Installation PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 1

<u>1717 WAI</u>	KONADE DRIN	/E EAST - WELCH. M	INNESOTA 55089 -	USA			
		(Name and	address)		EE-G-DB-0568-B		
4. Type	Vertical (horiz, or vert.)	Heat Exchanger (tank, jacketed, heat, ex.)	<u>GV/PI 291</u> (Cert. Holder serial n*)	<u>N/A</u> (CRN)	EE-G-DB-0572-D (drawing n*)	<u>161</u> (Nat'i Bd.n*)	<u>2004</u> (vear built)

6 - Shell

TABLE 1 - SHELL MATERIAL

Data Items by Line N°	Shell designation	Material spec. N*	Tensile strength	Nominal thickness (inch.)	Minimum design thickness (inch.)	dia. I D (ft & inch.)
	Lower shell	SA 508 Gr3 Cl 2 1	90 KSi	2.73	2.6	10' 9.42"
· . ·	Intermediate shell	SA 508 Gr3 Cl 2	90 KSi	2.73	2.6	10' 9.42"
6	Conical shell	SA 508 Gr3 Cl 2	90 KSi	3.72	3.6	10' 9.42" and 14' 0.32"
	Nozzle shell	SA 508 Gr3 Cl 2	90 KSi	3.39	3.27	14' 0.32"
	Upper-shell	SA 508 Gr3 Cl 2	90 KSi	3.39	3.27	14' 0.32"

Date 9 November 2004 Name FRAMA TOME Signed (Certificate Holder) (Authorized representative) Date 9 Nov. 2004 A.N. NO 12223 NYS258 Commissions /1. 10. 100 16603 [Nat'l Board (Inc. Endorsements), State, Province and No] Signed (Authorized Nuclear Inspector)

SUPPLEMENTARY SHEET CERTIFICATE HOLDERS' DATA REPORT As Required by the Provisions of the ASME Code Section III, Division 1

	Certificate Holder's Serial Nos.	GV/PI 291	Pg4 of _4	_
1. Manufactured and certified by F	RAMATOME ANP – Usine de Chalon/S	aint Marcel		
	(Name and address of Certificate Holder) 71380 SAINT MARCEL - FRANCE			
2. Manufactured forNORTHERN	STATES POWER COMPANY			
	(Name and address of Purchaser)			
1717 Wakonade Drive East - WEI	CH, MINNESOTA 55089 - USA			
3. Location of InstallationPRAI	RIE ISLAND NUCLEAR GENERATIN	<u>G PLANT UNIT 1</u>		
1717 WAKONADE DRIVE EAST -	WELCH, MINNESOTA 55089 - USA			
	(Name and address)	E C DD ASS D		

		(Name an	d address)		EE-G-DB-0568-B		
4. Type	Vertical	Heat Exchanger	<u>GV/PI 291</u>	<u>N/A</u>	EE-G-DB-0572-D	<u>161</u>	<u>2004</u>
	(horiz, or vert.)	(tank, jacketed, heat, ex.)	(Cert. Holder serial n*)	(CRN)	(drawing n°)	(Na t 1 Bd.n*)	(year built)

17 - Nozzle inspection and safety valve opening

Purpose	Quantity	Dia. or Size	Туре	How	Material	Thickness	Reinforcement	Location
Primary	2	18"	Integral	attached Integral	SA 508 Gr3 Cl 2	6.4"	Material Integral	Channel head
manways Primary inlet	1	31.61"	Integral	forged Integral forged	SA 508 Gr3 Cl 2 and SA 182 F 316 LN	3.5"/12" 3.3"	Integral	Channel head
Primary outlet	1	31.61"	Integral	Integral forged	SA 508 Gr3 Cl 2 and SA 182 F 316 LN	3.5"/12" 3.3"	Integral	Channel head
Handholes	6	8**	Built up	Welded	SFA-5.5 AWS E9018-G SFA-5.23 AWS F9P4—EEF2N-F2N	5.25*	Built up	Lower shell and Intermediate shell
Instrumentation taps %"	1Ś	0.72*	Set on	Full penetration corner weld	SA 105	0.64**	N/A	Lower shell and Nozzle shell
Instrumentation taps 1"	3	0.91"	Set on	Full penetration corner weld	SA 105	0.67"	N/A	Upper shell and Nozzle shell
Blowdown taps 2"	2	1.939"	Set on	Full penetration corner weld	SA 105	0.78"	N/A	Tubesheet
Secondary manways	2	18"	Set in	Full penetration butt weld	SA 508 Gr3 Cl 2	6.78"	Integral	Upp er shell
Feedwater	1	13.94 *	Set in	Full penetration butt weld	SA 508 Gr3 Cl 2	6.17/1.67	Integral	Nozzle shell
Recirculation	1	2.63*	Set in	Full . penetration butt weld	SA 508 Gr3 Cl 2	1.97/3.8 7	N/A	Nozzle shell
Steam Outlet	1	32"	Integral	Integral forged	SA 508 Gr3 Cl 2	2.2"/10.7"	Integral	Top head

Table 2 - Nozzles and Access Openings

Date INovendur 2004 Name FRAMATOME ANP Signed (Authorized representative) (Certificate Holder) Date 9 Nov 2004 A.N. NO12223 NY5258 Signed O Commissions [Nat'l Board (Inc. Endorsements), State, Province and No] (Authorized Nuclear Inspector)

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES* As Required by the Provisions of the ASME Code, Section III

Not to Exceed One Day's Production

INOT TO	Exceed	Une I	Days	Production
	• •	•		•

Pg. 1 of _2_

1.	Manufactured and certified by _	SGT Ltd. 400	South Tryon Street	Charlotte NC 28285	
2.	Manufactured forFRAMATC	OME ANP-Usine de Chal	on St. Marcel Zone	Industrielle et portuaire Sud – 7138 of purchaser)	80 Saint Marcel - France
3.	Location of installation Prairie I	sland Nuclear Generating ER80S-D2		nade Drive East Welch, MN 5508	9
4.	Type	E8018-NM2 (mat'l. spec. no.)	90 ksi minimum	<u>N/A</u>	2004 (year built)
5.	ASME Code, Section III, Division	1:	1996 (addenda date)	[[]]	N/A (Code Case no.)
6.	Fabricated in accordance with Co	onst. Spec. (Div. 2 only)	N/A Re	vision Da	
7.	Remarks:Site Girth weld be	tween conical shell and	nozzle shell		· · · · · · · · · · · · · · · · · · ·

8. Nom. thickness (in.) <u>3.39</u> Min. design thickness (in.) <u>3.27</u> Dia. ID (ft & in.) <u>14' - 0 5/16</u>" Length overall (ft & in.) <u>N/A</u>
 9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) SG 11-S/C006	N/A		
(1)		(26)	
(2)(3)	······································	(27)	
		(28)(29)	
(4)			· · · · · · · · · · · · · · · · · · ·
(5)		(30)	
(6)		(31)	
(7)	·	(32)	
(8)		(33)	
(9)	·	(34)	
10)		(35)	
11)		(36)	
12)		(37)	·
13)		(38)	
14)		(39)	
15)		(40)	
16)		[(41)	
17)		(42)	
18)		(43)	
19)		(44)	
20)		[45]	
21)		(46)	
22)		(47)	
23)		(48)	<u></u>
24)		(49)	
25)		(50)	
•			

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8½ x 11, (2) information in items 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(7/98)

This form (E00040) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

		FORM N-2	(Back – Pg 2	of			
			Certificate Holde	er's Serial Nos.	SG 11-S/C006	_ through	
		CEF	TIFICATION OF D	ESIGN			
Design specifications c	ortified by J	oselito O. Calle			ate	Dog	02437
Design report* certified		(when app Harrison			ate <u>Virginia</u>	-	04020
		(when applicat	de)				
		CERT	NFICATE OF COM	PLIANCE			
-		this report are correct a f the ASME Code, Section	-	+weld	<u> </u>		
NPT Certificate of Auth	orization No	N-3090-1		Expires	May 31,		
Date 11-08-0	4 Name	SGT Ltd.	•	Signed 🖌	R. Jucijak Jisutho	Districk	, ta
		INPT Certifica	ote Holder)		Jiautho	rized representativ	•) 6 F4
		CER	TIFICATE OF INSP	ECTION		-	
I, the undersigned, hol	ding a valid com	mission issued by the N <u>HARTFOLD</u> STEAM	National Board of E	Boiler and Press	ure Vessel Inspect	ors and the S	tate or Pi
	and employed by	e inspected these items	- BCIF(12	Data Parani an	11/9/04		
or loss of any kind aris	sing from or conn	nected with this inspecti	ion.				
		Nected with this inspection of the sector of		. Commissions	VB IIS A.I	V.Z. MNC	<u>20</u> 402
		Kut A. Auluri (Authorized Nuclear I		_ Commissions	MB IIS63 A, 1 INeri, Bd. (incl. endo	V. 2 MUC visements) and stat	2 0 4 0 2 te or prov, r
				_ Commissions	MB IIS63 A, 1 INert, Bd. lincl. ende	V. 2 MW (Arsomenta) and star	2 0 4 0 2 te or prov. s
				_ Commissions	MB II FL3 A, I INer'L Bd. (incl. endo	V. 2 ML/ (visementa) and sta	20402 te or prov. r
Date <u>11/1/04</u>	Signed2	Kut A. Auler (Authorized Nuclear)	Inspector)		······································	· · · · · · · · · · · · · · · · · · ·	
Date <u>11/1/04</u>	Signed2		Inspector)		······································	· · · · · · · · · · · · · · · · · · ·	
Date <u>11/9/04</u>	Signed	Kut A. Auleur (Authorized Nuclear)	Inspector)		<u>.</u>		
Date <u>11/9/04</u>	Signed2	Kut A. Aulur (Authorized Nuclear)	L.		<u></u>	· · · ·	
Date <u>11/9/04</u>	Signed2	Kut A. Aulur (Authorized Nuclear)	L.		<u></u>	· · · ·	
Date <u>11/9/04</u>	Signed	Kut A. Aulent (Authorized Nuclear)	Inspector)		<u></u>		
Date <u>11/9/04</u>	Signed	Kut A. Aulent (Authorized Nuclear)	Inspector)				
Date <u>11/1/04</u>	Signed	Kut A. Aulur (Authorized Nuclear)	L.				
Date <u>11/9/04</u>	Signed	Kut A. Aulun (Authorized Nuclear I	L.				
Date <u>11/9/04</u>	Signed	Kut A. Aulur (Authorized Nuclear)	Linspector)		<u></u>		
Date <u>11/1/04</u>	Signed	Kut A. Aulun (Authorized Nuclear I	L'		<u></u>		
Date <u>11/1/04</u>	Signed	Kut A. Aulun (Authorized Nuclear I	L'		<u></u>		
Date <u>11/1/04</u>	Signed	Kut A. Aulun (Authorized Nuclear I	L'	· · · · · · · · · · · · · · · · · · ·			
Date <u>11/1/04</u>	Signed	Kut A. Aulun (Authorized Nuclear I	L'	· · · · · · · · · · · · · · · · · · ·			

	r		*					ITEM 1-22-0	57
1.	Owner	Nuclear Manageme	nt Company, LLC		Date 1	2/16/2004			
2.	Plant	Praire Island Nuclea	Name ar Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota (55089	0310379, 0	0310472, 031022	29, 0310231	, DCP 03SG01	
3.	Work Pe	rformed by SGT Li	Address Id. Name ite 2100, Charlotte, NC	28285	Type Code Authorizat	Symbol Stamp	NPT N-3090	o., Job No., etc -1	
4.	Identific	ation of System	Address MS, SG		Expiration Code Clas		6/4/07 2	· · ·	
5.	(a) Appl	icable Construction	Code ASME III	,, ,	1995	. N. K.	Editi	ion	
			· · · · · · · · · · · ·	996	Code Case				
6.	(c) App	licable Edition of Se licable Section XI Co sation of Component	ction XI Utilized for F			N-416-2 1989 With N	- Io Addenda		
6.	(c) App Identific	licable Section XI Co	ction XI Utilized for F				- No Addenda	Corrected, Removed, or Installed	C
6.	(c) App Identific	licable Section XI Co ation of Component nent Name	ction XI Utilized for F ode Cases <u>None</u> s Manufacturer	Repair/Replaceme Manufacturer	nt Activity	1989 With N		Corrected, Removed, or	Co
6.	(c) App Identific Compor Rigid Re	licable Section XI Co ation of Component nent Name	ction XI Utilized for F ode Cases <u>None</u> s Manufacturer	Repair/Replaceme Manufacturer	nt Activity	1989 With N Other ID		Corrected, Removed, or Installed	AS Cc St
6.	(c) App Identific Compor Rigid Re Original	licable Section XI Co ation of Component nent Name traint	ction XI Utilized for F ode Cases <u>None</u> s Manufacturer Name	Repair/Replaceme Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With N Other ID MSH-1		Corrected, Removed, or Installed Removed	Co

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

ITEM	1-22-057
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9. Remarks	This work is in support of the Unit	Steam Generator Replacement.	The N-2 Data Sheet for the upper part is attached to
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this NIS-2. The N-1 for the entire vessel is attached to NIS-2 for Item # 1-22-055

		CERTI	FICATE OF COMPLIA	NCE	
We certify that the Type Code Symbo		in the report as \sqrt{a}	re correct and this conforms	to the req	uirements of the ASME Code, Section XI.
Certificate of Auth	orization No.	NIA	Expiration Date		······
Signed	XU	<u>l</u>	, ASME Program Engineer	Date	12/16/04
	Owner or O	wner's Designe	e , Title		

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> inspected the components described in this Owner's Report during the period <u>12 Julo4</u> <u>OHJAN OS</u> , and state that to the best of my knowledge and belief, the Owner has performe examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	and employed have _ to ed
By signing this certificate neither the Inspector nor his employer makes any warranty, expre- implied, concerning the examinations and corrective measure described in the Owner's Repo Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal ir property damage or a loss of any kind arising from or connected with this inspection.	rt.
Date And Commissions National Board, Province and Endor	rsements

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL
NUCLEAR PARTS AND APPURTENANCES
As Required by the Provisions of the ASME Code Section III
Not to Exceed One Day's Production

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				Pg. 1 of 5
1. Manufactured and certifie	d by FRAMATON	AE ANP - Usine de Ch	alon/Saint Marci	- -
in manufactored and echanc	(Name and a	address of Certificate Hold	er)	
Zone Industrielle et portua				
·				· · · · · · · · · · · · · · · · · · ·
. Manufactured for _ NORT	HERN STATES POW	ER COMPANY		
	(Name	and address of Purchaser)	
1717 Wakonade Drive Eas	-WEICH MINNES	AZIT - 98022 ATO		
				· · · · · · · · · · · · · · · · · · ·
3. Location of Installation	PRAIRIE ISLAND	NIICI FAR GENERA	TNG PLANT I	NIT I
		ne and address)		
1717 Wakonade Drive H	ast - WELCH, MINN	ESOTA 55089 - USA		
4. Type See	supplementary she	ets	N/A	2004
(drawing no.)	(mat'l spec no.)	(tensile strength)	(CRN)	(year built)
5. ASME Code, Section III, D	Nutation 1 1995	1996	1	See remarks
. ASIME COUB, SECION III, L	(edition)	(addenda)	(class)	(code case no.)
•			. ,	•
5. Fabricated in accordance	with Const. Spec. (Div :		evision	Date
Demostrat	,	(no.)		i
Remarks: Code cases a	re: N-71-16, N 411	l-1		
			· · · · ·	
The seconda	ry side hydrotest is	not completed		· · · · ·
B. Nom. Thickness (in.) Supp	sheet Min doe thickne	action 3.27" D		- cunnlementary ch
. nom. michiess (iii.)				supplemental y Sh
	· Length overall ((ft & in.) <u>24' 6.1"</u>		
			· · ·	• • •
When applicable, Certifica	te Holders' Data Repor	ts are attached for each	item on this rep	ort:
Part or Appurtenance	National	Part or Appurtenal		lational
Fait of Apputienance	Nauvilai	an or Appulterial		auvia

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FORM N-2 (Back – Pg 2 of 5)

Certificate Holders' Serial Nos ______ (PSF)_____ through _____

CERTIFICATION OF DESIGN
Design Specifications Certified by Joselito O.CALLE P.E. State North Carolina Reg. No. 022219
Deign Report Certified by <u>Harry T.HARRISON</u> P.E. State <u>Virginia</u> Reg. No. 012551
CERTIFICATE OF COMPLIANCE
We Certify that the statements made in this report are correct and that this (these)
STEAM GENERATOR UPPER PART
conform to the rules of construction of the ASME Code, Section III Division 1
NPT Certification of authorization No. <u>N - 2772</u> Expires: Jan 29, 2006
Dato 04/21/04 Name FRAMATOME ANP Signed C.FRONTIENS
CERTIFICATE OF INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of NEW YORK and employed by ROYAL INSURANCE of CHARLOTTE,
NORTH CAROLINA have inspected these items described in this Data Report on 18 Feb 2004
And state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or
Appurtenances in accordance with the ASME Code, Section III, Division 1. Each Part has been authorized for
stamping on the date shown above.
By signing this certificate, neither the inspector nor his Employer makes any warranty expressed or implied
concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his Employer
shall be liable for any personal injury or property damage or loss of any kind arising from or connected with this
inspection.
Date 21 April 04 signed Olesweit Commissions A.N NY 5258
(Authorized Nuclear Inspector) (Nat'l Board Endsmis, State or Prov, and no.)

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-Certificate Holder's Serial Nos. GV/PI 292 (PSF) Pg. 3 of 5

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1. Manufactured and certified by _____ FRAMATOME ANP -- Usine de Chalon/Saint Marcel

(Name and address of Certificate Holder) Zone Industrielle et portuaire sud - 71380 SAINT MARCEL - FRANCE

2. Manufactured for NORTHERN STATES POWER COMPANY

: 3

(Name and address of Purchaser) 1717 Wakonade Drive East – WELCH, MINNESOTA 55089 - USA

3. Location of Installation PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 1

1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA

4. Component or Part STEAM GENERATOR UPPER PART

	<u>N/A</u>	N/A
ar built)	(CRN)	(Nati Board No.)
······································		
Drawing N°	REV	<u></u>
يراكب المستحد المتحد المتحد والمحد والمحاد المحد والمحاد المحد والمحاد المحد والمحاد المحد والمحاد وا		
BUEPPI/NGV 6105	K	· · · · · · · · · · · · · · · · · · ·
Material Specification	<u> </u>	ASME Material
Nozzle shell		SA 508 Gr3 Cl2
Upper shell		SA 508 Gr 3 Cl2
Elliptical head		SA 508 Gr3 Cl2
Feedwater nozzle		SA 508 Gr3 Cl2
Recirculation nozzle		SA 508 Gr3 Cl2
Secondary manway		SA 508 Gr3 Cl2
Instrumentation tap ³ / ₄ "		SA 105
Instrumentation tap 1"		SA 105
		· · · · · · · · · · · · · · · · · · ·
Tensile strength (see note	1)	
	<u></u>	
		90 Ksi
Upper shell		90 Ksi
Elliptical head		90 Ksi
Recirculation nozzle	<u>.</u>	90 Ksi
Secondary manway		90 Ksi
	Drawing N° BUMPPI/NGV 2002 BUEPPI/NGV 6105 Material Specification Nozzle shell Upper shell Elliptical head Feedwater nozzle Recirculation nozzle Secondary manway Instrumentation tap ¼" Instrumentation tap 1" Tensile strength (see note Nozzle shell Upper shell Elliptical head Feedwater nozzle Recirculation nozzle	Drawing N° REV BUMPPI/NGV 2002 A BUEPPI/NGV 6105 K Material Specification Nozzle shell Upper shell Elliptical head Feedwater nozzle Secondary manway Instrumentation tap ¼" Instrumentation tap 1" Tensile strength (see note 1) Nozzle shell Upper shell Elliptical head

G. FRONTIERE FRAMATOME ANP Signed Date Name (Certificate Holder) (Authorized represented) Date LIADALOL 258 A.N. $\sim \sqrt{}$ Signed Commissions [Nat'l Board (Inc. Endorsements), State, Province and No] (Authorized Nuclear Inspector)

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	Cer	tificate Holder's Serial Nos	<u>GV/PI 292 (PSF) Pg, 4 of 5</u>
	ED AMATO	OME ANP - Usine de Chalo	n/Coint Marcol
1. Manufacti		and address of Certificate Holde	
Zone Indu	strielle et portuaire sud - 71380 SA		
2 Manufach	red for NORTHERN STATES F	OWER COMPANY	
z. Manufacti		ame and address of Purchaser)	
1717 Wake	onade Drive East – WELCH, MIN	NESOTA 55089 - USA	
<u></u>			
3. Location o	f InstallationPRAIRIE ISLA	ND NUCLEAR GENERAT	ING PLANT UNIT 1
17	17 Wakonade Drive East - WELC	CH, MINNESOTA 55089 - 1	USA
4. Compone	nt or PartSTEAM GENERATO	R UPPER PART	
			N/A
	rear built)	<u>N/A</u>	(Nat'l Board No.)
Data Items	· · · · · · · · · · · · · · · · · · ·		
by Line No.			
4	Instrumentation tap ¹ / ₄ "		70 Ksi
	Instrumentation tap 1"	•	70 Ksi
, 	Note 1 : tensile strength value S refers to Section II, Part D, Subr		III, Appendice 1, Table I-1.0 which
	refers to Section II, Part D. Suor		
	Nominal Abialmana (in)		÷
8	Nominal thickness (in)		
	Nozzle shell	3.3	Q"
	Upper shell	3.3	
	Elliptical head	3.54	
	Feedwater nozzle	3.52	2"
	Recirculation nozzle	3.52	2
	Secondary manway	3.40	5"
	Instrumentation tap 3/4"	0.64	
	Instrumentation tap 1"	0.67	7 i 1
	·	····	
	Dia ID. (st & in.)		
		······································	U O 201
	Nozzle shell		¥ 0.32"
	Upper shell Filiptical head		' 0.32" ' 0.32"
	Elliptical head	14	0.34
Date OL	2104 Name FRA	MATOME ANP Sid	aned G. FRONTIERE
-) (Cer	tificate Holder)	Gened G. FRONTIERE (Authorized representation
Date 21	April'04		2

1441 h 2 - 184 - 1 - 14

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Commissions A. N. NY \$258

(Authorized Nuclear Inspector)

Signed

[Nat1 Board (Inc. Endorsements), State, Province and No]

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		Certificate Holder's Serial Nos	GV/PI 292 (PSF) Pg. 5 of 5			
•	(1	MATOME ANP - Usine de Chalor Name and address of Certificate Holder 80 SAINT MARCEL - FRANCE	n/Saint Marcel			
	red for NORTHERN STA					
z. manufacti		(Name and address of Purchaser)	······································			
1717 Wake	onade Drive East – WELCH,	MINNESOTA 55089 - USA				
3. Location o	f InstallationPRAIRIE	ISLAND NUCLEAR GENERATI	NG PLANT UNIT I			
17	17 Wakonade Drive East - V	WELCH, MINNESOTA 55089 - U	ISA			
4. Componer	nt or PartSTEAM GENER	ATOR UPPER PART				
52			N/A			
0	vear built)	<u>N/A</u> (CRN)	N/A (Nat'l Board No.)			
Data Items by Line No.	<u> </u>					
8	Feedwater nozzle	····	13.94"			
	Recirculation nozzle		2.63"			
	Secondary manway		1' 6"			
	Instrumentation tap ³ / ₄ " 0.72"					
	Instrumentation tap 1"	· · · · · · · · · · · · · · · · · · · ·	0.91"			
10	Design pressure and	temperature				
	Secondary side : 1085 psi / 600 °F					
		······	· · · · · · · · · · · · · · · · · · ·			
	l					
. 1		FRAMATOME AND	CEL			

Date	04	21	104	Name	FRAMAT	OME ANP	Signed	C.FRONTIERS
			(• • •	(Certificate H	older)		(Authorized representative)
Date	21	Apr	il'o	4				
	~		vei	11	_ Commissions	A.N.	NYS	268
•	(Au	horized	Nuclear In	spector)		[Natl Board (Inc.	Endorseme	nts), State, Province and No]

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. Owner Nuclear Manageme	ent Company, LLC	· * -	Date 1	2/16/2004		· .		
Plant Praire Island Nucle	Name ear Generating Plant	<u> </u>	Sheet	1	of	2		
1717 Wakonade D	Name r. E, Welch Minnesota 5	5089	0310375, 0	310471, 03102	29, 0310231	, DCP 03SG01		
	Address		·			io., Job No., etc		
Work Performed by SGT	<u> </u>	· · · · · · · · ·	Type Code	Symbol Stan	ip NPT			
400 S. Tyron St. St	Name uite 2100, Charlotte, NC	28285	Authorization		N-3090	N-3090-1		
	Address	· · · · · · · ·	Expiration		6/4/07			
Identification of System	MS, SG	 , , , ,	Code Clas	5	2			
(a) Applicable Construction	Code ASME III	9	1995		Edit	ion		
	Addenda 1	996	Code Case	N-416-2	· ·	,		
(b) Applicable Edition of S	ection XI Utilized for R	lepair/Replaceme	nt Activity	1989 With	No Addenda			
(b) Applicable Edition of S (c) Applicable Section XI C Identification of Componer	ode Cases None	lepair/Replaceme	nt Activity	1989 With	No Addenda			
(c) Applicable Section XI C	ode Cases None	Manufacturer Serial #	Nat'l Bd #	1989 With	No Addenda	Corrected, Removed, or Installed	Code	
(c) Applicable Section XI C Identification of Componer	ode Cases <u>None</u> nts Manufacturer	Manufacturer				Corrected, Removed, or	ASMI Code Stam	
(c) Applicable Section XI C Identification of Componer Component Name	ode Cases <u>None</u> nts Manufacturer	Manufacturer		Other ID		Corrected, Removed, or Installed	Code Stam	
(c) Applicable Section XI C Identification of Componer Component Name Rigid Retraint	code Cases <u>None</u> nts Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID MSH-11		Corrected, Removed, or Installed Removed	Code Stam	
(c) Applicable Section XI C Identification of Componer Component Name Rigid Retraint Original Steam Generator New Steam Generator	Code Cases None Ints Manufacturer Name Westinghouse Framatome	Manufacturer Serial # 1101 GV/PI291	Nat'l Bd #	Other ID MSH-11 134-011 134-011	Yr Built	Corrected, Removed, or Installed Removed Removed Installed	Code Stam	
(c) Applicable Section XI C Identification of Componer Component Name Rigid Retraint Original Steam Generator New Steam Generator	Code Cases None Ints Manufacturer Name Westinghouse Framatome	Manufacturer Serial # 1101 GV/PI291 and reinstalled in s	Nat'l Bd # 68-24 support of the	Other ID MSH-11 134-011 134-011 installation of	Yr Built 2003	Corrected, Removed, or Installed Removed Removed Installed	Code Stam	
(c) Applicable Section XI C Identification of Componer Component Name Rigid Retraint Original Steam Generator New Steam Generator Description of Work	Code Cases None Ints Manufacturer Name Westinghouse Framatome Piping was removed steam generator. The	Manufacturer Serial # 1101 GV/PI291 and reinstalled in s	Nat'l Bd # 68-24 support of the	Other ID MSH-11 134-011 134-011 installation of	Yr Built 2003	Corrected, Removed, or Installed Removed Removed Installed	Code Stam	
(c) Applicable Section XI C Identification of Componer Component Name Rigid Retraint Original Steam Generator New Steam Generator Description of Work	Code Cases None Ints Manufacturer Name Westinghouse Framatome Piping was removed steam generator. The	Manufacturer Serial # 1101 GV/PI291 and reinstalled in some rigid restraint wa	Nat'l Bd # 68-24 support of the is modified to Nominal Op	Other ID MSH-11 134-011 134-011 installation of remove the rig	Yr Built 2003 the secondar id band. ure 💽	Corrected, Removed, or Installed Removed Removed Installed y side of the repla	Code Stam	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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	PRAIRIE ISLAND NUCLEAR GENE	RATING PLANT	
FORM NIS-2 O	WNER'S REPORT FOR REPAIR		

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	this NIS-2. The N-1 for the entire vessel is attached to NIS-2 for Item # 1-22-056.
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Certificate of Authorization No.	Expiration Date	
Signed	, ASME Program Engineer Date	12/16/04 .
Owner or Owner's	s Designee, Title	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of <u>Minnesota</u> by HSB Insp. and Ins. Co. of Connecticut of <u>Hartford Conn.</u> inspected the components described in this Owner's Report during the period <u>20 Jul 04</u> <u>04 JAN 05</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, expre- implied, concerning the examinations and corrective measure described in the Owner's Repor Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal in property damage or a loss of any kind arising from or connected with this inspection. <u>Juna</u> R. Qu Inspector's Signature Commissions <u>As flogs Aur</u> Ma 21924 National Board, Province and Endor Date <u>Journary</u> 04, <u>Joos</u>	and employed have to ed ssed or rt. njury of

FORM N-2 CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL NUCLEAR PARTS AND APPURTENANCES As Required by the Provisions of the ASME Code Section III Not to Exceed One Day's Production

		•	Pg. 1 of <u>5</u>
1. Manufactured and certified by FRAMATON	ME ANP - Usine de	Chalon/Saint Ma	rcel
(Name and a Certified Sy(Name and a Zone Industrielle et portuaire sud - 71380 SAIN	address of Certificate I	-lolder)	
2. Manufactured for _ NORTHERN STATES POW	• •	•	· · · · · · · · · · · · · · · · · · ·
1717 Wakonade Drive East - WELCH, MINNES	OTA 55089 - USA		
3. Location of Installation PRAIRIE ISLAND (Nar 1717 Wakonade Drive East - WELCH, MINN	me and address)		UNIT 1
4. Type See supplementary she (drawing no.) (mat1 spec no.)	ets	<u>N/A</u>	2004
5 ASME Code, Section III, Division 1 1995		(CRN) 1 (class)	(year built) See remarks (code case no.)
6. Fabricated in accordance with Const. Spec. (Div			Date
7. Remarks: Code cases are : N-71-16, N 41			,
The secondary side hydrotest is	not completed	· · · · · · · · · · · · · · · · · · ·	·····
8. Nom. Thickness (in.) Supp. sheet Min. des thickne	ess (in.) <u>3.27</u> "	_Dia. ID (ft & in)	See supplementary sheets
	(ft & in.) <u>24' 6.1"</u>		

9. When applicable, Certificate Holders' Data Reports are attached for each item on this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board No. In Numerical Order
1. GV/PI 291 (PSF)	N/A	19.	
2.	· · · ·	20.	
3.		21	
4		22.	
5.		23.	
6.		24.	
<u>6.</u> 7.		25.	
8.	-	26.	
9.		27.	
10.	· · · · · · · · · · · · · · · · · · ·	28.	· · · · · · · · · · · · · · · · · · ·
11.	· · · ·	29.	
12.	· · · · · · · · · · · · · · · · · · ·	30.	
13.		31.	
14.		32.	
15		33.	
16.		34.	
17.		35.	
18.		36.	

10. Design Pressure _______psi Temp. ______Deg. F Hydro.Test Pressure ______N/A ___@ Temp Deg F

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FORM N-2 (Back – Pg 2 of 5)

Certificate Holders' Serial Nos GV/PI 291 (PSF) through

CERTIFICATION OF DESIGN
Design Specifications Certified by Joselito O.CALLE P.E. State North Carolina Reg. No. 022219
U. T. UARRISON Vincinia 012551
Deign Report Certified by <u>Harry T.HARRISON</u> P.E. State <u>Virginia</u> Reg. No. 012551
CERTIFICATE OF COMPLIANCE
We Certify that the statements made in this report are correct and that this (these)
STEAM GENERATOR UPPER PART
conform to the rules of construction of the ASME Code, Section III Division 1
NPT Certification of authorization No. <u>N-2772</u> Expires: Jan 29, 2006
•
Date 04 21 04 Name FRAMATOME ANP Signed G. FRONTIERE
CERTIFICATE OF INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of NEW YORK and employed by ROYAL INSURANCE of CHARLOTTE,
NORTH CAROLINA have inspected these items described in this Data Report on 18 Feb 2004
And state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or
Appurtenances in accordance with the ASME Code, Section III, Division 1. Each Part has been authorized for
stamping on the date shown above.
By signing this certificate, neither the Inspector nor his Employer makes any warranty expressed or implied
concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his Employer
shall be liable for any personal injury or property damage or loss of any kind arising from or connected with this
inspection.
Date 21 April'04 Signed Olloveing Commissions A.N NY 5258
(Authorized Nuclear Inspector) (Nat'l Board Endsmts, State or Prov. and no.)

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Certificate Holder's Serial Nos. GV/PI 291 (PSF) Pg. 3 of 5 1. Manufactured and certified by _____ FRAMATOME ANP - Usine de Chalon/Saint Marcel (Name and address of Certificate Holder) Zone Industrielle et portuaire sud - 71380 SAINT MARCEL - FRANCE 2. Manufactured for <u>NORTHERN STATES POWER COMPANY</u> (Name and address of Purchaser) 1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT 1 3. Location of Installation 1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA STEAM GENERATOR UPPER PART 4. Component or Part _ N/A (CRN) 2004 N/A (year built) (Nat'l Board No.) Data Items by Line No. Drawing N° REV BUMPPI/NGV 2001 С **BUEPPI/NGV 6105** K Material Specification **ASME** Material Nozzle shell SA 508 Gr3 Cl2 Upper shell SA 508 Gr 3 Cl2 SA 508 Gr3 Cl2 Elliptical head Feedwater nozzle SA 508 Gr3 Cl2 SA 508 Gr3 Cl2 Recirculation nozzle SA 508 Gr3 Cl2 Secondary manway Instrumentation tap 3/4" SA 105 Instrumentation tap 1" SA 105 Tensile strength (see note 1) Nozzle shell 90 Ksi Upper shell 90 Ksi Elliptical head 90 Ksi Feedwater nozzle 90 Ksi 90 Ksi Recirculation nozzle 90 Ksi Secondary manway

Salaria - Brossia

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FRAMATOME ANP Signed G. FRONTIERE Name Date O (Certificate Holder) (Authorized representative) Date _ A.N. NY6258 Commissions Signed [Nat'l Board (Inc. Endorsements), State, Province and No]

	Cert	ificate Holder's Serial N	os. GV/PI 291 (PSF) Pg. 4 of 5
1. Manufacti	ured and certified byFRAMATO	ME ANP – Usine de Cha	lon/Saint Marcel
	(Name a	ind address of Certificate Hol	der)
	strielle et portuaire sud – 71380 SA		.в
2. Manufacti	ured for NORTHERN STATES P	OWER COMPANY	
	•	me and address of Purchase	r)
1717 Wak	onade Drive East – WELCH, MINN	(ESUIA 55089 - USA	
3. Location o	f InstallationPRAIRIE ISLAN	ID NUCLEAR GENERA	TING PLANT UNIT 1
17	717 Wakonade Drive East - WELC	H, MINNESOTA 55089	- USA
4. Compone	nt or PartSTEAM GENERATOR	UPPER PART	
52	004	N/A	N/A
J2	year built)	N/A (CRN)	(Nat'l Board No.)
Data Items	· ·		· · · · · · · · · · · · · · · · · · ·
by Line No.		•	
4	Instrumentation tap ³ / ₄ "		70 Ksi
	Instrumentation tap 1"	·	70 Ksi
	Note 1 : tensile strength value Su refers to Section II, Part D, Subpa	from ASME code, Section	on III, Appendice 1, Table I-1.0 which
	Telers to Section II. Part D. Subb		
8	Nominal thickness (in)		
		·	
	Nozzle shell		.39"
	Upper shell		.39"
	Elliptical head Feedwater nozzle	the second se	54" 52"
	Recirculation nozzle	the second s	52"
	Secondary manway		46"
	Instrumentation tap ¹ / ₄ "		64"
	Instrumentation tap 1"	the second s	67"
	······································		
	Dia ID. (ft & in.)		
	Nozzle shell		4' 0.32"
	Upper shell		4' 0.32"
	Elliptical head		4' 0.32"
Date <u>o 4</u>	21 04 Name FRAM	MATOME ANP	Signed G. FRONTIERE
	(Certifi	icate Holder)	(Authorized representation)
Date 21	April 04		
Signed_O	Beverly commis	ssions <u>A.N</u> .	Ny228
(Aut	norized Nuclear Inspector)		orsements), State, Province and No]

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Certificate Holder's Serial Nos. GV/PI 291 (PSF) Pg. 5 of 5 FRAMATOME ANP - Usine de Chalon/Saint Marcel 1. Manufactured and certified by _ (Name and address of Certificate Holder) Zone Industrielle et portuaire sud - 71380 SAINT MARCEL - FRANCE 2. Manufactured for NORTHERN STATES POWER COMPANY (Name and address of Purchaser) 1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA PRAIRIE ISLAND NUCLEAR GENERATING PLANT UNIT I 3. Location of Installation 1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA STEAM GENERATOR UPPER PART 4. Component or Part _ 2004 <u>N/A</u> N/A 5. (year built) (CRN) (Nat'l Board No.) Data Items by Line No. 13.94" 8 Feedwater nozzle Recirculation nozzle 2.63" 1' 6" Secondary manway Instrumentation tap 3/4" 0.72" Instrumentation tap 1" 0.91" Design pressure and temperature 10 Secondary side : 1085 psi / 600 °F

FRAMATOME ANP Date o 04 Name Signed G. FRONTIERE (Certificate Holder) (Authorized represen O4 Date N. NY 5258 A Commissions Signed [Nat'l Board (Inc. Endorsements), State, Province and Not (Authorized Nuclear Insector)

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		, î, î,		•			ITEM 1-22-0	59
. Ow	ner Nuclear Manageme	nt Company, LLC	. ·	Date 12	2/16/2004		• •	
. Plai	nt Praire Island Nuclea	Name ar Generating Plant	· ·: -:	Sheet	1	of	2	
	1717 Wakonade Dr.	Name . E, Welch Minnesota 55	5089	0310381, 3	010474, 031022	8, DCP 035	5G01	
Wo		Address	···· ·	· · R	epair Organizat	tion P.O. N	lo., Job No., etc	
Wo	rk Performed by SGT L	td. Name		Type Code	Symbol Stamp	NPT		
	400 S. Tyron St. Su	ite 2100, Charlotte, NC	28285	··· Authorizati	ion · · ·	N-3090	-1	
	<u>.</u>	Address		Expiration		6/4/07		
lde	ntification of System	AF, FW	· · · · · · · · · · · · · · · · · · ·	Code Clas	5	2		
(a)	Applicable Construction	Code ASME III	•	1995		Edit	ion	
		Addenda 19	96	Code Case			:	
(b)	Applicable Edition of Se	ction XI Utilized for Re	epair/Replaceme	nt Activity	1989 With N	o Addenda		,
(c)	Applicable Edition of Se Applicable Section XI Co ntification of Component	ode Cases None	epair/Replaceme	nt Activity	1989 With N	o Addenda		
(c) Ide	Applicable Section XI Co	ode Cases None	epair/Replaceme Manufacturer Serial #	Nat'l Bd #	1989 With N Other ID	o Addenda Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
(c) Ide Cor	Applicable Section XI Control of Component	ode Cases <u>None</u> s Manufacturer	Manufacturer Serial #	Nat'i Bd #			Corrected, Removed, or	
(c) Ide Cor Aux	Applicable Section XI Control of Component	ode Cases <u>None</u> s Manufacturer	Manufacturer Serial #	Nat'i Bd #			Corrected, Removed, or Installed	Code Stamp
(c) Ide Cor Aux	Applicable Section XI Control of Component mponent Name	ode Cases <u>None</u> s Manufacturer	Manufacturer Serial #	Nat'i Bd #			Corrected, Removed, or Installed Removed	Code Stamp
(c) Ide Cor Aux Aux	Applicable Section XI Co ntification of Component mponent Name c. Feed line 3-AF-11 c. Feed line 3-AF-11	ode Cases <u>None</u> Is Manufacturer Name	Manufacturer Serial #	Nat'i Bd #			Corrected, Removed, or Installed Removed Installed	Code Stamp
(c) Ide Cor Aux Aux Fee	Applicable Section XI Co ntification of Component mponent Name c. Feed line 3-AF-11 c. Feed line 3-AF-11 ed Water line 16-FW-13	ode Cases <u>None</u> ts Manufacturer Name	Manufacturer Serial #	Nat'i Bd #			Corrected, Removed, or Installed Removed Installed Removed	Code Stamp
(c) Ide Cor Aux Fee Fee	Applicable Section XI Co ntification of Component mponent Name c. Feed line 3-AF-11 c. Feed line 3-AF-11 ed Water line 16-FW-13	Dele Cases None	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed Removed Installed Removed	Code Stamp
(c) Ide Cor Aux Fee Fee	Applicable Section XI Co ntification of Component mponent Name c. Feed line 3-AF-11 c. Feed line 3-AF-11 ed Water line 16-FW-13 ed Water line 16-FW-13	Deck Cases None Is Manufacturer Manufacturer Name Piping was removed a steam generator.	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed Removed Installed Removed	Code Stamp

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NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

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						ITEM 1-22-0	59
Remarks	This work is in supp	oort of the Unit 1 S	team Generator Replacement	•			
<u> </u>							
		CERI	FIFICATE OF COMPLIA	NCE			
We certify	that the statements n	nade in the report	are correct and this conforms	to the requ	uirements of the ASI	ME Code, Section >	(I.
-	that the statements n e Symbol Stamp	nade in the report : $\sqrt{/A}$	are correct and this conforms	to the requ	uirements of the ASI	ME Code, Section >	(1.
Type Code		nade in the report $\sqrt{ A }$	are correct and this conformsExpiration Date	to the requ	uirements of the ASI	ME Code, Section >	<i.< td=""></i.<>
Type Code Certificate	e Symbol Stamp	NIA	Expiration Date				(I.
Type Code	e Symbol Stamp	NIA	Expiration Date		uirements of the ASI		<i. </i.

CERTIFICATE OF INSERVICE INSPECTION	
by HSB Insp. and Ins. Co. of Connecticut of	nployed
property damage or a loss of any kind arising from or connected with this inspection.	ts

			1.11.13	, 、, ,	• • •	ITEM 1-22-0	6 0
Owner Nuclear Management	Company, LLC	·. ·	Date	1-6-0	5	•	
Plant Praire Island Nuclear (Name Generating Plant		Sheet	1	of	2	
	Name Welch Minnesota 5	5089	- 0310383 30	 010477, 031022	8 DCP 035		
<u> </u>	Address		·			o., Job No., etc	;
Work Performed by SGT Ltd.		· , · ···· · ····	Type Code	Symbol Stamp	NPT	· •	• ·
400 S. Tyron St. Suite	Name 2100, Charlotte, NC	28285	Authorizati	on	N-3090	-1	
	Address	······································	- Expiration		6/7/04		
Identification of System AF	F, FW		Code Class	i	2	;	
(a) Applicable Construction Co	ode ASME III	,	1995	 	Editi	ion	
- · ·	Addenda 19	996	Code Case		<u>.</u>		
	11 440 0						
(c) Applicable Section XI Code Identification of Components	e Cases		<u> </u>				
	e Cases N-416-2 Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Identification of Components	Manufacturer		Nat'l Bd #	Other ID	Yr Built	Removed, or	Code
Identification of Components Component Name	Manufacturer	Serial # · · · ·		Other ID	Yr Built	Removed, or Installed	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12	Manufacturer	Serial #				Removed, or Installed Removed	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12	Manufacturer	Serial #				Removed, or Installed Removed Installed	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16	Manufacturer	Serial #				Removed, or Installed Removed Installed Removed	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16 Feed Water line 16-FW-16 Description of Work	Manufacturer Name Piping was removed a					Removed, or Installed Removed Installed Removed Installed	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16 Feed Water line 16-FW-16 Description of Work	Manufacturer Name Piping was removed a steam generator.	Serial #	support of the	installation of the	esecondary	Removed, or Installed Removed Installed Removed Installed y side of the repl	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16 Feed Water line 16-FW-16 Description of Work	Manufacturer Name Piping was removed a steam generator.	Serial #	support of the		esecondary	Removed, or Installed Removed Installed Removed Installed	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16 Feed Water line 16-FW-16 Description of Work	Manufacturer Name Piping was removed a steam generator. Hydrostatic 🟹 F	Serial #	support of the Nominal Op	installation of the	e secondary	Removed, or Installed Removed Installed Removed Installed y side of the repl	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16 Feed Water line 16-FW-16 Description of Work	Manufacturer Name Piping was removed a steam generator. Hydrostatic v F	Serial #	support of the Nominal Op	Installation of the	e secondary	Removed, or Installed Removed Installed Removed Installed y side of the repl	Code Stamp
Identification of Components Component Name Aux. Feed line 3-AF-12 Aux. Feed line 3-AF-12 Feed Water line 16-FW-16 Feed Water line 16-FW-16 Description of Work	Manufacturer Name Piping was removed a steam generator. Hydrostatic 💟 F Other 💟	Serial #	support of the Nominal Op	installation of the erating Pressur osi Test Tem (1) size is 8 1 //	e secondary re ☑ p. 2 in. x 11 in	Removed, or Installed Removed Installed Removed Installed y side of the repl Exempt	• F

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT	••••••		
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT A	CTIV	ΊΤΥ	

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ITEM 1-22-060

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9. Remarks	This work is in support of the Unit 1 Steam Generator Replacement. A system leakage test was peformed on FW-3, as it					
	was isolated during the hydrostatic test (ref. CAP 04148, SGT NCR 237). This weld will be VT-2 examined during a					
	containment entry under WO-0306142.					

CE	ERTIFICATE OF COMPLIANCE
We certify that the statements made in the repo	ort are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp	·
Certificate of Authorization No.	Expiration Date
Signed	ASME Program Engineer Date 1/6/05
Owner or Owner's Desi	signee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued b	y the National Board of Boiler and Pressure	Vessel
Inspectors and the State or Province ofM	innesota.	and employed
by HSB Insp. and Ins. Co. of Connecticut	of Hartford Conn.	have
inspected the components described in this Owner's Re	port during the period	to
, and state that to the best of my know	owledge and belief, the Owner has perform	ed
examinations and taken corrective measures described	in this Owner's Report in accordance with t	he
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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.

	Ause A.D.	Commissions	JB POSS ANI	MN 21914
	Inspector's Signature		National Board, Prov	ince and Endorsements
Date	January	06, 2005		
	<u> </u>			

					· · ·	- e ,	ITEM 1-22-0	61
Owner	Nuclear Management	Company, LLC	e de la Serie	Date 1	2/14/2004	. •		
	•	Name		- -				
Plant	Praire Island Nuclear	Name		Sheet	1	of	2	
	1717 Wakonade Dr. E	, Welch Minnesota 5 Address	55089		310433, DCP (lo., Job No., etc	
Work Pe	erformed by SGT Ltd.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · ·		e Symbol Stam		, JUD 110., EC	· ·
	400 S. Tyron St. Suite	Name 2100, Charlotte, NC	28285	Authorizat	-	N-3090	-1	
•		Address	· · · · · · · · · · · · · · · · · · ·	Expiration	-	6/4/07	···	
	cation of System S	··· ·· · ·		Code Clas	S	1	. <u></u>	
(a) App	licable Construction Co	ode AISC 9th Edit	ion, ASME	1995	<u></u>	Edit	ion	
		Addenda 9	6	Code Case	ана стана ала стана с ала стана	. *		
(h) ^	plicable Edition of Sect	ion XI I Itilized for B	epair/Replaceme	ent Activity	1989 10/04	 No Addenda		
'n wht				rouvily	1000 44101			
(c) ^		e Cases None						
	plicable Section XI Cod	e Cases None						
Identifi	plicable Section XI Cod cation of Components							
Identifi	plicable Section XI Cod	e Cases <u>None</u> Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Identifi	plicable Section XI Cod cation of Components nent Name	Manufacturer	Serial #		Other ID H-13	Yr Built	Removed, or	Code
Identifi Compo	plicable Section XI Cod cation of Components nent Name	Manufacturer	Serial #			Yr Built	Removed, or Installed	Code Stamp
Identifie Compose Column	plicable Section XI Cod cation of Components nent Name 1	Manufacturer	Serial #		H-13	Yr Built	Removed, or Installed Corrected	Code Stamp
Identifie Composition Column Column	plicable Section XI Cod cation of Components nent Name 1 2 3	Manufacturer	Serial #		H-13 H-14	Yr Built	Removed, or Installed Corrected	Code Stamp
Identifie Composition Column Column	plicable Section XI Cod cation of Components nent Name 1 2 3	Manufacturer	Serial #		H-13 H-14 H-15	Yr Built	Removed, or Installed Corrected Corrected Corrected	Code Stamp
Identifie Composition Column Column Column	plicable Section XI Cod cation of Components nent Name 1 2 3 4	Manufacturer	Serial #		H-13 H-14 H-15 H-16	Yr Built	Removed, or Installed Corrected Corrected Corrected	Code Stamp
Identifie Composition Column Column Column	plicable Section XI Cod cation of Components nent Name 1 2 3 4	Manufacturer Name	Serial #		H-13 H-14 H-15 H-16	Yr Built	Removed, or Installed Corrected Corrected Corrected	Code Stamp
Identifie Composition Column Column Column Descri	plicable Section XI Cod cation of Components nent Name 1 2 3 4 ption of Work	Manufacturer Name Modified the support	Serial #	apter and bum	H-13 H-14 H-15 H-16		Removed, or Installed Corrected Corrected Corrected	Code Stamp
Identifie Composition Column Column Column Descri	plicable Section XI Cod cation of Components nent Name 1 2 3 4 ption of Work	Manufacturer Name Modified the support	Serial #	apter and bum	H-13 H-14 H-15 H-16	ure	Removed, or Installed Corrected Corrected Corrected	Code Stamp
Identifie Composition Column Column Column Descrit Tests o	plicable Section XI Cod cation of Components nent Name 1 2 3 4 ption of Work conducted:	Manufacturer Name Modified the support	Serial #	apter and bum	H-13 H-14 H-15 H-16 per blocks.	ure	Removed, or Installed Corrected Corrected Corrected Exempt	Code Stamp
Identifie Composition Column Column Column Descri Tests of her: n/	plicable Section XI Cod cation of Components nent Name 1 2 3 4 plion of Work conducted: /a	Manufacturer Name Modified the support Hydrostatic Other of lists, sketches, or	Serial #	apter and bum Nominal Op	H-13 H-14 H-15 H-16 per blocks. perating Press psi Test Te	ure [] 	Removed, or Installed Corrected Corrected Corrected Exempt	• F
Identifie Composition Column Column Column Descri Tests of her: n/	plicable Section XI Cod cation of Components nent Name 1 2 3 4 ption of Work conducted:	Manufacturer Name Modified the support Hydrostatic Other of lists, sketches, or	Serial #	apter and bum Nominal Op	H-13 H-14 H-15 H-16 per blocks. perating Press psi Test Te	ure [] 	Removed, or Installed Corrected Corrected Corrected Exempt	• F
Identifie Composition Column Column Column Descri Tests of her: n/	plicable Section XI Cod cation of Components nent Name 1 2 3 4 plion of Work conducted: /a	Manufacturer Name Modified the support Hydrostatic Other of lists, sketches, or	Serial #	apter and bum Nominal Op	H-13 H-14 H-15 H-16 per blocks. perating Press psi Test Te	ure [] 	Removed, or Installed Corrected Corrected Corrected Exempt	• F

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

9. Remarks These activities are in support of the Unit 1 Steam Generator Replacement Project.

ITEM 1-22-061

	CERTIFICATE OF COMPLIANCE
We certify that the	statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbo	ol Stamp N/A
Certificate of Auth	orization No Expiration Date
Signed	ASME Program Engineer Date 12/16/04
	Owner or Owner's Designee, Title

I, the undersigned, holding a valid commission issue	ed by the National Board of Boiler and Pressure	e Vessel
Inspectors and the State or Province of	Minnesota	_ and employed
by HSB Insp. and Ins. Co. of Connecticut		_have
inspected the components described in this Owner's		to
<u>OYJAN os</u> , and state that to the best of my		
examinations and taken corrective measures descri	ibed in this Owner's Report in accordance with	the
requirements of the ASME Code, Section XI.		
	•	t
By signing this certificate neither the Inspector r	nor his employer makes any warranty expr	essed or

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

	Commissions	NO 12085 ANI	MN 21924
Inspector's Signature		National Board, Province	and Endorsements
Date Of ,	loos		

							1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	• • •	ITEM 1-22-00	52 [°]
Owner	Nuclear Man	agement C	ompany, LLC	• · ·	• ,	Date 12	2/14/2004			-
Plant	Praire Island	Nuclear G	Name enerating Plant	•	'• ``	Sheet	1	of	2	
	1717 Wakon	ade Dr. E,	Name Welch Minnesota 5	5089		0310363, 03	310435, DCP 0	3RC02		- · ·
Work Pe	rformed by		Address		•	Re	epair Organiza	ation P.O. N	lo., Job No., etc	
		· · · ·	Name	· · · · ·		Type Code : Authorizatio	Symbol Stamp	NPT N-3090		
	400 S. Tyron		100, Charlotte, NC	28285		Expiration I		6/4/07		
Identific	ation of Syste		ddress	•••••	•	Code Class	•	1	· · · · · · · · · · · · · · · · · · ·	
(a) Appli	icable Constr	uction Cod	le AISC 9th Editio	on, ASME ,		1995		Edit	ion	
				· _	•		•			
(c) App	licable Editlo licable Sectio ation of Com	n XI Code	Addenda 96 on XI Utilized for Re Cases <u>None</u>	<u>-</u>		Code Case Activity	1989 With N	- Io Addenda	· · · · · · · · · · · · · · · · · · ·	
(c) Appl Identific	licable Sectio	n XI Code	on XI Utilized for Re	epair/Replacer Manufacture Serial #	rer			No Addenda	Corrected, Removed, or	
(c) Appl Identific	licable Section nation of Com nent Name	n XI Code	n XI Utilized for Re Cases <u>None</u> Manufacturer	epair/Replacer	rer	Activity	1989 With N		Corrected,	Code
(c) Appl Identific Compon	licable Section eation of Com ment Name	n XI Code	n XI Utilized for Re Cases <u>None</u> Manufacturer	epair/Replacer Manufacture Serial #	rer	Activity	1989 With N Other ID		Corrected, Removed, or Installed	Code Stamp
(c) Appl Identific Compon Column	licable Section eation of Com ment Name	n XI Code	on XI Utilized for Re Cases <u>None</u> Manufacturer Name	epair/Replacer Manufacture Serial #	rer	Activity Nat'l Bd #	1989 With N Other ID H-13		Corrected, Removed, or Installed Corrected	Code Stamp
(c) Appl Identific Compon Column	licable Section eation of Com ment Name	n XI Code	on XI Utilized for Re Cases <u>None</u> Manufacturer Name	epair/Replacer Manufacture Serial #	rer	Activity Nat'l Bd #	1989 With N Other ID H-13 H-14		Corrected, Removed, or Installed Corrected Corrected	Code Stamp
(c) Appl Identific Compon Column Column Column	licable Section eation of Com ment Name	n XI Code ponents	on XI Utilized for Re Cases <u>None</u> Manufacturer Name	epair/Replacer	rer	Activity Nat'l Bd #	1989 With N Other ID H-13 H-14 H-15 H-16		Corrected, Removed, or Installed Corrected Corrected	Code Stamp
(c) Appl Identific Compon Column Column Column Column Descrip	licable Section eation of Com ment Name	n XI Code ponents	Manufacturer Name	epair/Replacer	adapt	Activity Nat'l Bd #	1989 With N Other ID H-13 H-14 H-15 H-16	Yr Built	Corrected, Removed, or Installed Corrected Corrected	Code Stamp

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

9. Remarks These activities are in support of the Unit 1 Steam Generator Replacement Project.

ITEM 1-22-062

Ne certify that the statements made	e in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp	SIP
Certificate of Authorization No.	N/A Expiration Date
Signed	ASME Program Engineer Date 12/16/04 ,
Owner or O	Dwner's Designee , Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by Inspectors and the State or Province ofMir	the National Board of Boiler and Pressure	Vessel and employed
by HSB Insp. and Ins. Co. of Connecticut	of <u>Hartford Conn.</u>	have
inspected the components described in this Owner's Rep		to
ou jay os, and state that to the best of my kno		
examinations and taken corrective measures described i	n this Owner's Report in accordance with t	he
requirements of the ASME Code, Section XI.		
By signing this certificate neither the Inspector nor h implied, concerning the examinations and corrective r Furthermore, neither the Inspector nor his employer shal	neasure described in the Owner's Repo	ort.

property damage or a loss of any kind arising from or connected with this inspection.

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Owner	Nuclear Management	Company, LLC		Date 12	2/3/2004			
Plant	Praire Island Nuclear (Name Constanting Plant			1	of	2	
Plant		Name	·	Sheet -	· · ·	of	2	
	1717 Wakonade Dr. E.		55089	0309712, E	EC-1359			
Mork D	erformed by Owner	Address		R	epair Organia	zation P.O. N	lo., Job No., etc	
WOINPR		Name		Type Code	Symbol Stan	·		
	Same			Authorizati		N/A		
	•	Address	÷	Expiration		N/A		
Identifie	cation of System RI	1		Code Class	5	<u> </u>	•••••	• • •
(a) App	licable Construction Co	de ASA 300	<u>,</u>		· · · · · ·	Edit	ion .	
		Addenda		Code Case		1.1		
(1-)	plicable Edition of Secti	on VI HAlland for E)anair/Danlaaama	nt Antivity	1000 14/46	No Addenda		
(c) App	licable Section XI Code	e Cases None			•			
Identifi r	cation of Components		Manufacturer	Nat'l Bd #	Other ID	Yr Built	Corrected.	ASME
Identifi r		e Cases <u>None</u> Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code
Identifi Compo	cation of Components	Manufacturer		Nat'l Bd #	Other ID RH-2-1	Yr Built	Removed, or	Code
Identifi Compo 12 RHR	cation of Components nent Name	Manufacturer Name		Nat'l Bd #	·	Yr Built	Removed, or Installed	Code Stamp
Identifi Compo 12 RHR	cation of Components nent Name	Manufacturer Name		Nat'l Bd #	·	Yr Built	Removed, or Installed Corrected	Code Stamp
Identifi Compo 12 RHR valve	cation of Components nent Name Discharge Pump Line	Manufacturer Name Crane	Serial #	Nat'l Bd #	·	Yr Built	Removed, or Installed Corrected	Code Stamp
Identifi Compo 12 RHR valve	cation of Components nent Name Discharge Pump Line	Manufacturer Name	Serial #	Nat'l Bd #	·	Yr Built	Removed, or Installed Corrected	Code Stamp
Identifi Compo 12 RHR valve Descri	cation of Components nent Name Discharge Pump Line ption of Work	Manufacturer Name Crane	Serial #		·		Removed, or Installed Corrected	Code Stamp
Identifi Compo 12 RHR valve Descri	cation of Components nent Name Discharge Pump Line ption of Work conducted:	Manufacturer Name Crane Replaced body to b	Serial #	Nominal	RH-2-1	ressure 🗹	Removed, or Installed Corrected	Stamp

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp N/A .
Certificate of Authorization No. 1/4 Expiration Date
Signed
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> , have inspected the components described in this Owner's Report during the period <u>28JuLo4</u> to <u>19Jados</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. $\frac{MB Mors AW}{National Board, Province and Endorsements}$
DateGanuary_19_, 1005

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-064 Nuclear Management Company, LLC 11/30/2004 Date Owner Name Plant -Praire Island Nuclear Generating Plant ...2 2. Sheet . 1. .of Name 0209698, EEC-1359 1717 Wakonade Dr. E, Welch Minnesota 55089 Address Repair Organization P.O. No., Job No., etc 3. Work Performed by Owner **Type Code Symbol Stamp** N/A Name N/A Authorization Same **Expiration Date** N/A Address 2 Identification of System RH Code Class 4. ASA 300 Edition (a) Applicable Construction Code 5. Addenda **Code Case** (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda None (c) Applicable Section XI Code Cases **Identification of Components** 6. Yr Built ASME **Component Name** Manufacturer Manufacturer Nat'l Bd # Other ID Corrected, Serial # Name Removed, or Code Installed Stamp 11 RHR HX Tube Inlet Crane RH-1-4 Corrected - 11 -Replaced body to bonnet fasteners **Description of Work** 7. Pneumatic . Nominal Operating Pressure 🔽 8 Tests conducted: Hydrostatic Exempt 🔽 NOP ~ ° F Other 🖂 Pressure psi Test Temp. NOT Other: NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY	
ITEM 1-22-064	
9. Remarks	
	. <u></u>
	<u> </u>
· · · · · · · · · · · · · · · · · · ·	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.	
Type Code Symbol Stamp	
Certificate of Authorization No Expiration Date	
Signed ASME Program Engineer Date 11/30/04	
Owner or Owner's Designee, Title	
	· <u> </u>
r	
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>Minnesota</u> and employed by HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have	t
inspected the components described in this Owner's Report during the period	
<u>19 Jan cs</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 measure described in the Owner's Report.	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature Commissions NB 1995 AU MJ 21924	
Date (2005)	

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	FOR	<i>PRAI</i> M NIS-2 OWN	<i>IRIE ISLAND I</i> NER'S REPO				-		/ITY
		• • • • • •	· · · ·					ITEM 1-22-00	65 ⁽
1.	Owner	Nuclear Management	Company, LLC	دیما بهیان و و و	Date 1/	10/2005	• .•	· •··	- ·
2.	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr. E	Name Welch Minnesota 55			EC-1310			
		· · · · ·	Address				ion P.O. N	o., Job No., etc	
3.	Work Pe	rformed by Owner	·······		Type Code	Symbol Stamp	N/A		
		Same	Name		Authorizati	on	N/A		· ·
			Address		Expiration	Date	- N/A -		
4.	Identific	ation of System V	C		Code Class		2		
5.	(a) Appli	cable Construction Co	ode ASME VIII		2001		Edit	ion .	
			Addenda 20)03 M KE H	Code Case				
6. 		ation of Components ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or	ASME Code
								Installed	
	11/12 RC	PMP Dch relief valve	Crosby	ľ	1	VC-25-1			Stamp
	11/12 RC			I		VC-25-1	1968	Removed	Stamp
		PMP Dch relief valve	Crosby	03-08975	:	VC-25-1	1968 2003	Removed Installed	- <u> </u>
7.			Crosby Replaced relief valve						
7. 8.	Descrip	otion of Work	Replaced relief valve		Nominal Op		2003		
	Descrip	otion of Work	Replaced relief valve	for IST testing.		VC-25-1	2003 e	Installed	
8.	Descrip Tests c	otion of Work	Replaced relief valve Hydrostatic P Other V	for IST testing.	- F	VC-25-1 erating Pressur	2003 e	Installed	N
8. Oth	Descrip Tests c her: The TE: Supp	otion of Work onducted: e replacement valve wa lemental sheets in form	Replaced relief valve Hydrostatic P Other s subjected to a funct of lists, sketches, or o	for IST testing.	F ctory. used, provided	VC-25-1 erating Pressur osi Test Tem (1) size is 8 1 /2	2003 e p 2 in. x 11 in	Exempt	• F
8. Oth	Descrip Tests c her: The TE: Supp	otion of Work onducted: e replacement valve wa lemental sheets in form in this report is included	Replaced relief valve Hydrostatic P Other s subjected to a funct of lists, sketches, or o	for IST testing. Pneumatic Pressure tional test at the fa drawings may be u (3) each sheet is n	F ctory. used, provided	VC-25-1 erating Pressur osi Test Tem (1) size is 8 1 /2	2003 e p 2 in. x 11 in	Exempt	• F

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-065 9. Remarks
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Certificate of Authorization No. ALL Expiration Date
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>O6402-09</u> to <u>voulatos</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. $M_{M} = M_{M} = M$
Date IO, 2005 National Board, Province and Endorsements

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	Owner Nuclea	ar Management	Company, LLC		Date	10/11/2004			•.
2	Plant Praire	Island Nuclear	Name Generating Plant		Sheet	1.	of -	···· · ··· 2	<u>-</u>
	1717 \	Wakonade Dr. I	Name E, Welch Minnesota 55	5089	0309378				
•	Work Performed	d by Owner	Address		·	Repair Organizat		lo., Job No., etc	
	Same	·	Name		Authoriza		N/A N/A		
	Identification of	f System S	Address	<u> </u>	Expiration Code Cla	1.1	N/A 2	-	
	(a) Applicable C	- Construction C	ode B31.1	,	1967		Edit	ion ·	
		•	Addenda n/a	1	Code Cas	e n/a	• • •		
	(b) Applicable (c) Applicable :		tion XI Utilized for Re le Cases None	pair/Replacemer	nt Activity	1989 With N	o Addenda		
		Section XI Coo	le Cases None	pair/Replacemer Manufacturer Serial #	Nat'l Bd #	······	Yr Built	Corrected, Removed, or	Code
	(c) Applicable	Section XI Coo f Components me	de Cases <u>None</u>	Manufacturer Serial #		Other ID		Corrected,	Code
•	(c) Applicable Identification o Component Nar	Section XI Coo f Components me ck Valve	de Cases <u>None</u> Manufacturer Name	Manufacturer Serial # 72218-000-04		Other ID 12 S/G 84 61 12 S/G 84	Yr Built	Corrected, Removed, or Installed	Code Stamp
•	(c) Applicable Identification of Component Nar SG Snubber Bloc	Section XI Coo f Components me ck Valve	de Cases <u>None</u> Manufacturer Name McDowell Welman	Manufacturer Serial # 72218-000-04	Nat'l Bd #	Other ID 12 S/G 64 01 12 S/G 64 01	Yr Built 1969	Corrected, Removed, or Installed Removed Installed	Code Stamp
	(c) Applicable Identification of Component Nar SG Snubber Bloc	Section XI Coo f Components me ck Valve ck Valve	de Cases <u>None</u> Manufacturer Name McDowell Welman	Manufacturer Serial # 72218-000-04 72218-000-018	Nat'l Bd #	Other ID 12 S/G 64 01 12 S/G 64 01	Yr Built 1969 1969	Corrected, Removed, or Installed Removed Installed	Code Stamp
·	(c) Applicable Identification of Component Nar SG Snubber Bloo SG Snubber Bloo	Section XI Coo f Components me ck Valve ck Valve Work	de Cases None Manufacturer Name McDowell Welman McDowell Welman Replaced valve block	Manufacturer Serial # 72218-000-04 72218-000-018	Nat'l Bd #	Other ID 12 S/G 64 01 12 S/G 64 01	Yr Built 1969 1969 2/44	Corrected, Removed, or Installed Removed Installed	Code Stamp
7. B.	(c) Applicable Identification of Component Nar SG Snubber Bloc SG Snubber Bloc	Section XI Coo f Components me ck Valve ck Valve Work	de Cases None Manufacturer Name McDowell Welman McDowell Welman Replaced valve block Hydrostatic	Manufacturer Serial # 72218-000-04 72218-000-018	Nat'l Bd #	Other ID 12 S/G 04 01 12 S/G 04 01 12 S/G 04 01 12 S/G 04 01	Yr Built 1969 1969 2/44 12/20 sure	Corrected, Removed, or Installed Installed	Stamp

information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

and the second second

9. Remarks

ITEM 1-22-066

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	CERTIFICATE OF COMPLIANCE
We certify that the statements made in the r Type Code Symbol Stamp \mathcal{N}/\mathcal{A}	report are correct and this conforms to the requirements of the ASME Code, Section XI.
Certificate of Authorization No/A	Expiration Date
Signed Signed	ASME Program Engineer Date 10/11/04

CERTIFICATE OF INSERVICE INSPECTION	
	and employed have _ to ed ne ssed or rt.
Inspector's Signature Commissions NB 1/05 5 Aut mJ 21924 National Board, Province and Endor	sements
Date Morember 1? , 2004	

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1.	Owner	Nuclear Managemen	t Company, LLC		Date 10	0/11/2004			. '
2.	Plant	Praire Island Nuclear	Name r Generating Plant	······································	Sheet		··· of -	2	
		1717 Wakonade Dr.	Name E, Welch Minnesota 55	089	0309311		••		
3.	Work Per	formed by Owner	Address		R	epair Organiza	ation P.O. N	lo., Job No., etc	· · ·
		<u></u>	Name	······································		Symbol Stamp	· · · · • •		
		Same	-	1 11 1	Authorizati	• • • •	<u>N/A</u>		
	 Identifier		Address SG	i ve recestiv	Expiration	•	N/A	· · · · ·	·
4.	Identifica	ation of System	<u> </u>		Code Class	5	<u>2</u>		· · ·
5.	(a) Applie	cable Construction C	Code B31.1	; ,	1967	· · · · ·	Edit	ion	
			Addenda n/a		Code Case	n/a			
•	•		ction XI Utilized for Re	· · ·	··.	1989 With N	-	• * •	
5. İ		ation of Components	Manufacturer ,	Manufacturer	Nat'l Bd #	Other ID	Yr Built	Corrected.	ASME
	compon		Name	Serial #	Nati Du #			Removed, or Installed	Code Stamp
	SG Snubl	ber Block Valve	McDowell Welman	72218-000-20	4	11 S/G 01	1969	Removed	·□
	SG Snubl	ber Block Valve	McDowell Welman	72218-000-15		11 S/G 01	1969	Installed	
				ور والمراجع والاري. والمراجع والالي					
		,		۰۰۰۰۰۰۰ د جلوه ۲۰۰۰ د با	, - , '	· · · ·	• .		
						•		. : ·	
7.	Descrip	tion of Work	Replaced valve block	·					
8.	Tests co	onducted:	Hydrostatic	Pneumatic	Nominal	Operating Pre	ssure 🗌	Exemp	t 🔽
			Other 📋	Pressure		psi Test Te	emp.	1072 F.A. 4	°F
				· · · · · · · · · · · · · · · · · · ·			1 · · · · · · · · · · · · · · · · · · ·		-
Otr	ner: n/a	a the star of the star							·

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GEI FORM NIS-2 OWNER'S REPORT FOR REPA	
emarks	ITEM 1-22-067
CERTIFICATE OF COMPLIAN We certify that the statements made in the report are correct and this conforms to Type Code Symbol Stamp	
Certificate of Authorization No. AMA Expiration Date Signed	
CERTIFICATE OF INSERVICE INS	SPECTION
ne undersigned, holding a valid commission issued by the Nation pectors and the State or Province of <u>Minnesota</u> <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Har</u> pected the components described in this Owner's Report during to <u>12 varou</u> , and state that to the best of my knowledge and aminations and taken corrective measures described in this Owner uirements of the ASME Code, Section XI.	and employed <u>tford Conn.</u> have have to to to to the period <u>علال مع</u> د
signing this certificate neither the Inspector nor his employed blied, concerning the examinations and corrective measure de thermore, neither the Inspector nor his employer shall be liable in perty damage or a loss of any kind arising from or connected with	escribed in the Owner's Report. n any manner for any personal injury of
Inspector's Signature Commissions Nati	18 1885 ANI NELLORS MN 2924
te	

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	· · · · ·	,	· · .		-	ITEM 1-22-00	68
Owner Nuclear Manageme	nt Company, LLC	· .	Date 1	1/30/2004		•	
Plant Praire Island Nucles	Name ar Generating Plant	· · · · · · ·	- Sheet	· 1	of	2	
	Name . E, Welch Minnesota	55089	0309476 0		SG05		
	Address		·			No., Job No., etc	
Work Performed by Owner				Symbol Stamp			
Same	Name	ىدارىما بالمىسى بايا ت بارىما بالمىشى بايا اروقى بالاقار بالايان	Authorizati		N/A	· · · · · · · · · · · · · · · · · · ·	
· · · ·	Address		Expiration	Date	N/A	· · · · · · · · · · · · · · · · · · ·	
Identification of System	SG		Code Class	S :	2		
(a) Applicable Construction	Code B31.1	······································	1967		Edit	lion .	
	· · · · · · · · · · · · · · · · · · ·		-		- ·.		
(b) Applicable Edition of Se (c) Applicable Section XI Co		Repair/Replaceme	Code Case	1989 With N	o Addenda	· · · · · · · · · · · · · · · · · · ·	
	ection XI Utilized for F ode Cases <u>None</u>	Repair/Replaceme Manufacturer Serial #	•	· · · · · · · · · · · · · · · · · · ·	o Addenda Yr Built	Corrected, Removed, or	ASME Code
(c) Applicable Section XI Co Identification of Component Component Name	ection XI Utilized for F ode Cases <u>None</u> ts Manufacturer Name	Manufacturer	nt Activity	1989 With N	· · · · ·	Corrected, Removed, or Installed	Code Stamp
(c) Applicable Section XI Co Identification of Component	ection XI Utilized for F ode Cases <u>None</u> ts Manufacturer Name	Manufacturer	nt Activity	1989 With N	· · · · ·	Corrected, Removed, or	Code
(c) Applicable Section XI Co Identification of Component Component Name Steam Gen. 3" external recirc.	ection XI Utilized for F ode Cases <u>None</u> ts Manufacturer Name	Manufacturer	nt Activity	1989 With N	· · · · ·	Corrected, Removed, or Installed	Code Stamp
(c) Applicable Section XI Co Identification of Component Component Name Steam Gen. 3" external recirc.	ection XI Utilized for F ode Cases <u>None</u> is Manufacturer Name	Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With N	· · · · ·	Corrected, Removed, or Installed	Code Stamp
(c) Applicable Section XI Co Identification of Component Component Name Steam Gen. 3" external recirc. Line	ection XI Utilized for F ode Cases <u>None</u> ts Manufacturer Name	Manufacturer Serial #	nt Activity	1989 With N	Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) Applicable Section XI Co Identification of Component Component Name Steam Gen. 3" external recirc. Line Description of Work	ection XI Utilized for F ode Cases <u>None</u> ts Manufacturer Name	Manufacturer Serial # c. piping and valve. Pneumatic	nt Activity Nat'l Bd #	1989 With N Other ID	Yr Built	Corrected, Removed, or Installed Installed	Code Stamp

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	ITEM 1-22-068
marks This work is part of the replacement of the Unit 1 Steam Generators.	1-22-000
CERTIFICATE OF COMPLIANCE	
e certify that the statements made in the report are correct and this conforms to the requirements of the	ASME Code, Section XI.
ype Code Symbol Stamp	
igned ASME Program Engineer Date Owner or Owner's Designee , Title	,
CERTIFICATE OF INSERVICE INSPECTION	
e undersigned, holding a valid commission issued by the National Board of Boiler an ectors and the State or Province of <u>Minnesota</u>	and employe
SB Insp. and Ins. Co. of Connecticut of <u>Hartford Conn.</u> ected the components described in this Owner's Report during the period 23 JuLog	have
2 Jaw os, and state that to the best of my knowledge and belief, the Owner has minations and taken corrective measures described in this Owner's Report in accord	as performed

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

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requirements of the ASME Code, Section XI.

	Juleo P. O.	Commissions	JB Plass ANI	MA 21924	•••
Date _	Inspector's Signature	<u>, 2</u> , 2005	National Board, Pro	vince and Endorsements	

• • •		- يەن ر	•1			ITEM 1-22-0	69
Owner Nuclear Management	Company, LLC	- ,- f '	Date 1	1/30/2004		• •	
Plant Praire Island Nuclear (Name Generating Plant	·····	Sheet	• 1 ·	of	2	
1717 Wakonade Dr. E	Name , Welch Minnesota 55	5089	0309476, 0	309478, DCP0	3SG05		•
	Address		R	lepair Organiz	ation P.O. N	lo., Job No., etc	;
Work Performed by Owner	Name		Type Code	Symbol Stam	p N/A		
Same		The Addition of the	-Authorizati		N/A		
-	Address		Expiration	•	N/A .	· ·	
Identification of System SC	3	·····	Code Class	5 . 	. \: <mark>2</mark>	- ·	
(a) Applicable Construction Co	ode B31.1	9	1967	·//	Edit	ion	
	Addenda	,	Code Case	X			
(c) Applicable Section XI Code Identification of Components	Cases None			·			
	Cases None Manufacturer, Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Identification of Components	Manufacturer		Nat'l Bd #	Other ID	Yr Built	Removed, or	
Identification of Components Component Name Steam Gen. 3" external recirc.	Manufacturer	Serial #	Nat'i Bd #	Other ID	Yr Built	Removed, or Installed	Code Stamp
Identification of Components Component Name Steam Gen. 3" external recirc.	Manufacturer	Serial #	Nat'i Bd #	Other ID	Yr Built	Removed, or Installed	Code Stamp
Identification of Components Component Name Steam Gen. 3" external recirc. Line	Manufacturer, Name	Serial #		Other ID	Yr Built	Removed, or Installed	Code Stamp
Identification of Components Component Name Steam Gen. 3" external recirc. Line	Manufacturer	Serial #		Other ID	Yr Built	Removed, or Installed	Code Stamp
Identification of Components Component Name Steam Gen. 3" external recirc. Line	Manufacturer, Name	Serial #		Other ID		Removed, or Installed	Code Stamp
Identification of Components Component Name Steam Gen. 3" external recirc. Line Description of Work Tests conducted:	Manufacturer Name	Serial #	Nominal		ssure	Removed, or Installed Installed	Code Stamp
Identification of Components Component Name Steam Gen. 3" external recirc. Line Description of Work Tests conducted:	Manufacturer Name	Serial #	Nominal	Operating Pre	ssure	Removed, or Installed Installed Exemp	Code Stamp

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CEMENT ACTIVITY
ITEM 1-22-069
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f the ASME Code, Section XI.
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Owner	Nuclear Management	Company, LLC		Date 1	1/1/2004			
Plant	Praire Island Nuclear C	Name Generating Plant		Sheet	1 -	· of	2	
	1717 Wakonade Dr. E.	Name Welch Minnesota 55	5089	0309711, E	EC-1505			-
- Wash Da		Address		R	epair Organiza	ation P.O. N	lo., Job No., etc	
WORK PE	erformed by Owner	Name		Type Code	Symbol Stamp	N/A		-
	Same	indiric i		Authorizati		N/A		
	•	Address	<u> </u>	Expiration		N/A		
Identific	cation of System RI	1		Code Class	5	2		
(a) Appl	licable Construction Co	de ASA 300			• •	Edit	ion	
	×.	Addenda		Code Case		· · ·		
(c) App	blicable Edition of Secti blicable Section XI Code cation of Components		epair/Replaceme	nt Activity	1989 With N	lo Addenda		
(c) App Identific	blicable Section XI Code		epair/Replaceme Manufacturer Serial #	nt Activity	1989 With N	No Addenda	Corrected, Removed, or Installed	ASME Code Stamp
(c) App Identific	blicable Section XI Code cation of Components	Cases None	Manufacturer	· · · ·			Corrected, Removed, or	Code
(c) App Identifie Compos	blicable Section XI Code cation of Components nent Name	e Cases <u>None</u> Manufacturer Name	Manufacturer	· · · ·		Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) App Identific	blicable Section XI Code cation of Components nent Name	e Cases <u>None</u> Manufacturer Name	Manufacturer	· · · ·		Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) App Identifie Compose 12 RHR	blicable Section XI Code cation of Components nent Name Crossover Inlet valve	e Cases <u>None</u> Manufacturer Name Crane	Manufacturer Serial #	· · · ·		Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) App Identifie Compose 12 RHR	blicable Section XI Code cation of Components nent Name Crossover Inlet valve	e Cases <u>None</u> Manufacturer Name	Manufacturer Serial #	· · · ·		Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) App Identific Composed 12 RHR	plicable Section XI Code cation of Components nent Name Crossover Inlet valve	Cases None Manufacturer Name Crane Replaced body to bo	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built 1968	Corrected, Removed, or Installed	Code Stamp
(c) App Identific Compose 12 RHR	plicable Section XI Code cation of Components nent Name Crossover Inlet valve ption of Work conducted:	e Cases <u>None</u> Manufacturer Name Crane Replaced body to bot	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built 1968 ssure	Corrected, Removed, or Installed Corrected	Code Stamp
(c) App Identifie Compose 12 RHR Descri Tests o	plicable Section XI Code cation of Components nent Name Crossover Inlet valve ption of Work conducted:	Cases None Manufacturer Name Crane Replaced body to bot Hydrostatic	Manufacturer Serial # nnet fasteners.	Nat'l Bd #	Other ID	Yr Built 1968 ssure	Corrected, Removed, or Installed Corrected	Code Stamp
(c) App Identifie Compose 12 RHR Descrip Tests of ther:	plicable Section XI Code cation of Components nent Name Crossover Inlet valve ption of Work conducted:	Cases None Manufacturer Name Crane Replaced body to bot Hydrostatic Other	Manufacturer Serial # nnet fasteners. Preumatic	Nat'l Bd #	Other ID Operating Pre psi Test Te d (1) size is 8 1	Yr Built 1968 ssure emp	Corrected, Removed, or Installed Corrected Exemp	Code Stamp
(c) App Identifie Composed 12 RHR Descrip Tests of ther:	plicable Section XI Code cation of Components nent Name Crossover Inlet valve ption of Work conducted:	Cases None Manufacturer Name Crane Replaced body to bot Hydrostatic Other	Manufacturer Serial # nnet fasteners. Preumatic	Nat'l Bd #	Other ID Operating Pre psi Test Te d (1) size is 8 1	Yr Built 1968 ssure emp	Corrected, Removed, or Installed Corrected Exemp	Code Stamp

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		ITEM 1-22-070
Remarks		· · · · · · · · · · · · · · · · · · ·
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	CERTIFICATE OF CO	
We certify that I Type Code Syn		onforms to the requirements of the ASME Code, Section XI.
Certificate of Au		n Date
/		- ····································
Signed		Engineer Date,,
	Owner or Owner's Designee, Title	
	CERTIFICATE OF INSERV	
the undersion	ad holding a valid commission issued by the	National Poord of Poilot and Pressure Vessel
spectors and	the State or Province of <u>Minnes</u>	National Board of Boiler and Pressure Vessel ota and employed
HSB Insp. an	d Ins. Co. of Connecticut of	Hartford Conn. have
	omponents described in this Owner's Report	
aminations a	, and state that to the best of my knowled nd taken corrective measures described in th	is Owner's Report in accordance with the
	the ASME Code, Section XI.	
	certificate neither the inspector nor his e ning the examinations and corrective meas	employer makes any warranty, expressed or
irthermore, ne	ither the inspector nor his employer shall be	liable in any manner for any personal injury of
operty damag	e or a loss of any kind arising from or connec	ted with this inspection.
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<u> </u>	ctor's Signatule	S AB 12085 MI MA 21924 National Board, Province and Endorsements
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	PRAI	RIE ISLAND N	NUCLEAR (GENERAT	TING PLA	NT		
FO	RM NIS-2 OWN	IER'S REPC		REPAIR	/ REPLA	CEME		/ITY
	- · ·		•• 、• , • • •	· • • • •			ITEM 1-22-0	71
Owner	Nuclear Management (Company, LLC		Date 10	0/17/2004			
Plant	Praire Island Nuclear C	Name		Sheet	1	·- of	2	
•	1717 Wakonade Dr. E.	Name , Welch Minnesota 55	5089	- 0310190, E	EC-1505	·		-
Work F	Performed by Owner	Address	•••••	R	lepair Organiz	ation P.O. N	lo., Job No., etc	
	Same	Name		Type Code Authorizati	Symbol Stam	p <u>N/A</u> <u>N/A</u>		
		Address		Expiration	. *	N/A		
Identif	fication of System R		- ,	Code Class	s _i j.	2	: · ·	÷,
(a) Ap	plicable Construction Co	de ASA 300		• • • • • • •	-2,1,24	Edit	lon	
<u> </u>		Addenda		Code Case	· •			
(p) Vî	oplicable Edition of Secti	on XI Utilized for Re	pair/Replaceme	nt Activity	1989 With	No Addenda	-	
(c) Ap	oplicable Edition of Secti oplicable Section XI Code fication of Components		pair/Replaceme	nt Activity	1989 With	No Addenda		
(c) Ap Identif	oplicable Section XI Code		pair/Replaceme Manufacturer Serial #	nt Activity Nat'i Bd #	1989 With	No Addenda	Corrected, Removed, or Installed	ASME Code Stamp
(c) Ap Identif	pplicable Section XI Code	Cases None	Manufacturer		······		Corrected, Removed, or	Code
(c) Ap Identif	oplicable Section XI Code fication of Components onent Name	e Cases <u>None</u> Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) Ap Identif	oplicable Section XI Code fication of Components onent Name R HX Outlet valve	e Cases <u>None</u> Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
(c) Ap Identif Compu 11 RHI	pplicable Section XI Code fication of Components onent Name R HX Outlet valve	e Cases None Manufacturer Name Crane Replaced body to bor	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built 1968	Corrected, Removed, or Installed	Code Stamp
(c) Ap Identif Compu 11 RHI	pplicable Section XI Code fication of Components onent Name R HX Outlet valve ription of Work	Cases None Manufacturer Name Crane Replaced body to bor Hydrostatic	Manufacturer Serial #	Nat'i Bd #	Other ID RH-2-6	Yr Built 1968	Corrected, Removed, or Installed Corrected	Code Stamp

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PRAIRIE	ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S	REPORT FOR REPAIR/ REPLACEMENT A	
•	. ITEM	1-22-071
9. Remarks		
·····		
· · · · · · · · · · · · · · · · · · ·	······	
·····		
· · · · · · · · · · · · · · · · · · ·		
	CERTIFICATE OF COMPLIANCE	
Type Code Symbol Stamp	report are correct and this conforms to the requirements of the ASME Code,	Section XI.
Certificate of Authorization No.	4- Expiration Date	······
	<i>n</i>	
Signed	ASME Program Engineer Date 10/17/04	·
Owner or Owner's	Designee , Title	
		•
CER	TIFICATE OF INSERVICE INSPECTION	
Inspectors and the State or Province	mission issued by the National Board of Boiler and Pressure to of Minnesota	vessei and employed
by HSB Insp. and Ins. Co. of Connecti	cutofHartford Conn	have
	n this Owner's Report during the period <u></u>	_to d
examinations and taken corrective me	asures described in this Owner's Report in accordance with the	e
requirements of the ASME Code, Sec		
	e Inspector nor his employer makes any warranty, expres	
	and corrective measure described in the Owner's Report his employer shall be liable in any manner for any personal in	
	arising from or connected with this inspection.	
	Commissions AB 12095 ANI MA 21924	
Inspector's Signature	National Board, Province and Endor	sements
Date	1 1004	
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Owner	Nuclear Management	Company, LLC		Date	11/8/2004			÷.,
Plant	Praire Island Nuclear (······································	Sheet	1	of	2	
	1717 Wakonade Dr. E	Name , Welch Minnesota 5	5089	0302035	•• .	a.*		
Work D	erformed by Owner	Address			Repair Organiza	tion P.O. N	lo., Job No., etc	
WOIK P		Name			e Symbol Stamp	·		
	Same	-	· · · · ·	Authoriza Expiration		N/A N/A		
Identifi	cation of System AF	Address :		Code Cla		3		
(a) Ann	licable Construction Co	ode B16.34	· · · · · · · · · · · · · · · · · · ·	· .		Edit	ion	
(4) ^ P P			,					
	• • • •	Addenda		- Code Cas	e	—`.		
(c) Ap	plicable Edition of Secti plicable Section XI Code	on XI Utilized for R	epair/Replacemer		e 1989 With N			
(c) Ap	-	on XI Utilized for R	epair/Replacemer		-			
(c) Ap Identifi	plicable Section XI Code	on XI Utilized for R	epair/Replacemer Manufacturer Serial #		-	lo Addenda Yr Built	Corrected, Removed, or Installed	Code
(c) Ap Identifi Compo	plicable Section XI Code cation of Components	on XI Utilized for R Cases None Manufacturer	Manufacturer	nt Activity	1989 With N		Corrected, Removed, or	ASME Code Stam
(c) Ap Identifi Compo	plicable Section XI Code cation of Components ment Name AFW PMP Suct. Valve	on XI Utilized for Re Cases None Manufacturer Name	Manufacturer Serial #	nt Activity	1989 With N		Corrected, Removed, or Installed	Code Stam
(c) App Identifi Compo 12 MD	plicable Section XI Code cation of Components ment Name AFW PMP Suct. Valve	on XI Utilized for Re Cases None Manufacturer Name Velan	Manufacturer Serial #	Nat'l Bd #	1989 With N	Yr Built	Corrected, Removed, or Installed	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-072 P. Remarks CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp //A Certificate of Authorization No. //A Expiration Date Signed ______ASME Program Engineer Date ///&/______ CWNer or Owner's Designee , Title CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issue	ed by the National Board of	Boiler and Pressure	Vessel
Inspectors and the State or Province of	Minnesota		and employed
by HSB Insp. and Ins. Co. of Connecticut	of Hartford Conn,		have
inspected the components described in this Owner's			_ to
, and state that to the best of my			
examinations and taken corrective measures descri	ibed in this Owner's Report	in accordance with t	he
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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.

	June ? Que	Commissions	NB 12085 ANI	mn 21924	
	Inspector's Signature		National Board, P	rovince and Endorsements	
Date _	7 Lovember	12,2004			
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							ITEM 1-22-0	73
Owner	Nuclear Management	Company, LLC		Date 1/12	2/2005			
Plant	Praire Island Nuclear	Name Generating Plant	·	Sheet	1	of	2	
	1717 Wakonade Dr. E	Name 5, Welch Minnesota 55	089	0309410, 03	09412, 030671	2		
Work P	erformed by Owner	Address			epair Organiza Symbol Stam		o., Job No., etc	
	Same	Name		Authorizatio		<u>N/A</u>		
Idontifi	ication of System	Address	11. 146 o	Expiration D	Date 3	<u>N/A</u>		
			s C	1968	Editio	-`. n	• •	
	Adder	nda .	*	Code Cases	<i>```</i>	•		
(b) App	plicable Edition of Sect	ion XI Ūtilized for Rep	pair/Replacement	Activity	1989 With M	lo Addenda		
(c) App	licable Section XI Code	e Cases None		-	•			
Identifi	ication of Components					-		
Comp	onent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASMI Code Stam
11 CC	Heat Exchanger	Yuba	69G229-1A	1890	135-031	1969	Corrected	
		Deployed and flanges	and covers, attach	ned lifiting lugs	to the end co	vers, and per	formed shell we	 Id

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-073
9. Remarks n/a
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp //A
Certificate of Authorization No. N/A Expiration Date Signed, ASME Program Engineer Date _//12/65,
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>26 Job. 04</u> to <u>12 Job 05</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date

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	er Nuclear Management Co Praire Island Nuclear Ge 1717 Wakonade Dr. E, V Performed by Owner Same	Name nerating Plant Name Velch Minnesota 550	89	Sheet _				74
Plant Name Praire Island Nuclear Generating Plant Sheet 1 of 2 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0309418 0309418 Work Performed by Owner Repair Organization P.O. No., Job No., etc Name Same Address Repair Organization P.O. No., Job No., etc Mork Performed by Owner Type Code Symbol Stamp N/A Address Expiration Date N/A Address Code Class 3 Identification of System CC Code Class 3 (a) Applicable Construction Code ASME III, Class C 1968 Edition Addenda	Praire Island Nuclear Ge 1717 Wakonade Dr. E. V Performed by Owner Same	Name nerating Plant Name Velch Minnesota 550	89	Sheet _		of		
Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0309418 0309418 Repair Organization P.O. No., Job No., etc Work Performed by Owner Type Code Symbol Stamp N/A N/A Same Address Expiration Date N/A Identification of System CC Code Class 3 (a) Applicable Construction Code ASME III, Class C 1968 Edition Addenda Code Cases Code Cases (c) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases None Identification of Components Code Cases Component Name Manufacturer Manufacturer Nat'I Bd # Other ID Yr Built Corrected, Removed, or Installed CC Heat Exchanger end cover Yuba 69G229-1B 1890 135-032 1969 Corrected, Stamp Description of Work Attached lifting lugs to the end covers that will be installed at the next refueling outage. V Pressure Pressure Psi Test Temp. • F <td>1717 Wakonade Dr. E, V Performed by Owner Same</td> <td>nerating Plant Name Velch Minnesota 550</td> <td>89<u> </u></td> <td></td> <td>1</td> <td>of</td> <td></td> <td></td>	1717 Wakonade Dr. E, V Performed by Owner Same	nerating Plant Name Velch Minnesota 550	89 <u> </u>		1	of		
1717 Wakonade Dr. E, Welch Minesota 55089 0309418 Address Repair Organization P.O. No., Job No., etc Work Performed by Owner Type Code Symbol Stamp N/A Same Address Expiration Date N/A Identification of System CC Code Class 3 (a) Applicable Construction Code ASME III, Class C , 1968 Edition Addread Code Cases	Performed by Owner	Velch Minnesota 550	89			.	2	
Work Performed by Owner Type Code Symbol Stamp N/A Name Authorization N/A Address Expiration Date N/A Identification of System CC Code Class 3 (a) Applicable Construction Code ASME III, Class C 1968 Edition Addenda	Performed by Owner	Address		0309418				
Name Authorization N/A Same Address Expiration Date N/A Identification of System CC Code Class 3 (a) Applicable Construction Code ASME III, Class C 1968 Edition Addenda							., Job No., etc	
Identification of System CC Code Class 3 (a) Applicable Construction Code ASME III, Class C 1968 Edition Addenda	· · · ·	Name				•		
(a) Applicable Construction Code ASME III, Class C , 1968 Edition Addenda	tification of Suctom CC	Address	· · · · · · ·			N/A	,	
Addenda Code Cases (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases None Identification of Components Identification of Components Component Name Manufacturer Manufacturer Name Serial # Other ID Yr Built Corrected, Installed Removed, or Installed Stamp CC Heat Exchanger end cover Yuba 69G229-1B 1890 135-032 1969 Corrected Image: Corrected Description of Work Attached lifting lugs to the end covers that will be installed at the next refueling outage. Image: Corrected Image:	·	ASME III, Class	C			`		
(c) Applicable Section XI Code Cases None Identification of Components Component Name Manufacturer Name Serial # Vame Serial # Other ID Yr Built Corrected, Removed, or Installed CC Heat Exchanger end cover Yuba 69G229-1B 1890 135-032 1969 Corrected Image: Corrected Description of Work Attached lifting lugs to the end covers that will be installed at the next refueling outage. Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt Image: Pressure Other Pressure psi Test Temp.				Code Cases		`		
Identification of Components Component Name Manufacturer Name Manufacturer Serial # Nat'l Bd # Other ID Yr Built Corrected, Removed, or Installed ASME Code Stamp CC Heat Exchanger end cover Yuba 69G229-1B 1890 135-032 1969 Corrected Image: Corrected Description of Work Attached lifting lugs to the end covers that will be installed at the next refueling outage. Image: Corrected Image: Corrected <t< th=""><th>pplicable Edition of Section</th><th>XI Utilized for Rep</th><th>air/Replacement</th><th>Activity</th><th>1989 With No</th><th>Addenda</th><th></th><th></th></t<>	pplicable Edition of Section	XI Utilized for Rep	air/Replacement	Activity	1989 With No	Addenda		
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Other ID Yr Built Corrected, Removed, or Installed Serial # Other ID Yr Built Corrected, Removed, or Installed Heat Exchanger end cover Yuba 69G229-1B 1890 135-032 1969 Corrected es cription of Work Attached lifting lugs to the end covers that will be installed at the next refueling outage. ts conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exempt @ n/a Other Pressure psi Test Temp. ° F n/a Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in th 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of the function of the function of the sheet is numbered and number of sheets is recorded at the top of the function of the function of the sheet is numbered and number of sheets is recorded at the top of the function of the function of the functin on the function of the function of the fu

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-074
9. Remarks
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization No N/A Expiration Date
Signed
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>Minnesota</u> and employed
by
JAJos, and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report.
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Commissions KB 12085 ANI MA 21924
Inspector's Signature Commissions <u>ABLIOSS ABLINA SPECT</u>
Date

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Identific	rformed by Owner	Name	5089	Sheet 0403586	1/12/2004 1	of	2	
Work Pe Identific	1717 Wakonade Dr. arformed by Owner Same	Generating Plant Name E, Welch Minnesota 55 Address Name	5089	0403586	· · · · ·	of	2	••••
Identific	1717 Wakonade Dr. arformed by Owner Same	Name E, Welch Minnesota 55 Address Name	5089				• • • • •	· • .
Identific	rformed by Owner	Address Name	, <u></u> ,,	R	opole Organiza	· · ·		
Identific	Same			····	epair Organiza	tion P.O. N	o., Job No., etc	<u></u>
			· · ·	Type Code	Symbol Stamp	N/A		
		Address	, · · · · · · · · · · · · · · · · · · ·	Authorizati	on	N/A		
	ation of System	MUUC33		Expiration	Date	N/A	. hi .	<u>,</u> `+
(a) Appl	• • • • •		·	Code Class	5	3	· · · ·	•
	icable Construction C	Code B31.1	 	_1967		Editi	ion	
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Compor	nent Name	Manufacturer 🗄 Name	Manufacturer 🤇 Serial #	Nat'l Bd #	Other ID 👌	Yr Built	Corrected, Removed, or Installed	ASME Code
12 Conta	ainment FCU	Westinghouse		, - •,	174-012	· .	Corrected	Stam)
Descrip	ption of Work	Replaced flange faste	eners.		• • • • • • • • •			51 M
Tests c	conducted:	Hydrostatic	Pneumatic	· Nominal	Operating Pres	sure 🖂	Exemp	t 🔽
	· · · · · ·			••••••		• •		
		Other 🗌	Pressure	· · · · ·	psi Test Te	mp	· ·	• F
her: n/a	l	3	•				•	
	plemental sheets in for in items 1 through 6 or at the top of this form.							

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-075
9. Remarks
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CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date
$\cap M$
Signed, ASME Program Engineer Date,,,
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have
inspected the components described in this Owner's Report during the period
<u>12 Nov ou</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
property damage or a loss of any kind arising from or connected with this inspection.
Commissions JB 12085 ANI MJ 21924
Inspector's Signature National Board, Province and Endorsements
Date Vavember 12, 2004

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	Owner	Nuclear Management	Company, LLC		Date 1	0/15/2004			
• •	Plant	Praire Island Nuclear C	Name Generating Plant	··· ·· ·	Sheet	· · 1 . ·	of	2	
		1717 Wakonade Dr. E.	Name , Welch Minnesota 55	5089	0300316, E	EC-1196	.		• • • •
	Maalu Da		Address		F	Repair Organiza	tion P.O. M	lo., Job No., etc	;
	work Pe	rformed by Owner	Name		Type Code	Symbol Stamp	N/A		
		Same			Authorizat	ion	N/A		
			Address		Expiration	Date	N/A	,	
	Identification of System VC				Code Clas	S	1		· • .
	(a) Appli	icable Construction Co	ode ASME III		1968		Edit	lion	
			Addenda		Code Case		_	· · · ·	
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·····		·		* . N	
	(b) App	licable Edition of Secti	ion XI Utilized for Re	pair/Replaceme	nt Activity	1989 With N	o Addenda		
				epair/Replaceme	nt Activity	1989 With N	o Addenda		
	(c) Appi	licable Section XI Code		epair/Replaceme	nt Activity	1989 With N	o Addenda		
	(c) Appi			epair/Replaceme	nt Activity	1989 With N	o Addenda	· · · · ·	
	(c) Appl Identific	licable Section XI Code		pair/Replaceme Manufacturer Serial #	nt Activity Nat'l Bd #	1989 With N Other ID	o Addenda Yr Built	Corrected, Removed, or Installed	Code
	(c) Appl Identific Compon	licable Section XI Code cation of Components	e Cases <u>None</u> Manufacturer	Manufacturer				Corrected, Removed, or	Code Stam
	(c) Appl Identific Compon	licable Section XI Code cation of Components nent Name	e Cases <u>None</u> Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stam
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	(c) Appl Identific Compon	licable Section XI Code cation of Components nent Name	e Cases <u>None</u> Manufacturer Name	Manufacturer		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stam
	(c) Appl Identific Compon	licable Section XI Code cation of Components nent Name ss Letdown HX	e Cases <u>None</u> Manufacturer Name Atlas	Manufacturer Serial #		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stam
	(c) Appl Identific Compon	licable Section XI Code cation of Components nent Name ss Letdown HX	e Cases <u>None</u> Manufacturer Name	Manufacturer Serial #		Other ID	Yr Built	Corrected, Removed, or Installed	Code Stam
	(c) Appl Identific Compon 11 Exces Descrip	licable Section XI Code cation of Components nent Name ss Letdown HX	e Cases <u>None</u> Manufacturer Name Atlas Replaced flange to he	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built 1968	Corrected, Removed, or Installed	Code Stam
	(c) Appl Identific Compon 11 Exces Descrip	licable Section XI Code cation of Components nent Name ss Letdown HX ss Letdown HX	e Cases <u>None</u> Manufacturer Name Atlas Replaced flange to he	Manufacturer Serial # ead fasteners.	Nat'l Bd #	Other ID 135-011	Yr Built 1968	Corrected, Removed, or Installed Corrected	Code Stam
	(c) Appl Identific Compon 11 Exces Descrip	licable Section XI Code cation of Components nent Name ss Letdown HX ss Letdown HX	e Cases <u>None</u> Manufacturer Name Atlas Replaced flange to he	Manufacturer Serial # ead fasteners. Pneumatic	Nat'l Bd #	Other ID 135-011	Yr Built 1968	Corrected, Removed, or Installed Corrected	Stam
	(c) Appl Identific Compon 11 Exces Descrip	licable Section XI Code cation of Components nent Name ss Letdown HX ption of Work	e Cases <u>None</u> Manufacturer Name Atlas Replaced flange to he	Manufacturer Serial # ead fasteners. Pneumatic	Nat'l Bd #	Other ID 135-011	Yr Built 1968	Corrected, Removed, or Installed Corrected	Code Stam

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information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

9. Remarks

ITEM 1-22-076

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	CERTIFIC	ATE OF COMPLIAN	ICE		
We certify that the statements made	e in the report are co	orrect and this conforms t	o the requ	irements of the ASME	E Code, Section XI.
We certify that the statements made Type Code Symbol Stamp	le in the report are cc	prrect and this conforms t	o the requ	irements of the ASME	Code, Section XI.
•		orrect and this conforms t	o the requ	irements of the ASME	E Code, Section XI.
Type Code Symbol Stamp	NIA NIA			irements of the ASME	E Code, Section XI.

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Inspectors and the State or Province of	and employed have to ed he essed or ort. njury of

			, · · · ·		• •			ITEM 1-22-07	77
1.	Owner	Nuclear Manageme	ent Company, LLC		Date 7	7/13/2004			•••••••
2.	Plant	Praire Island Nucle	Name ar Generating Plant	· · · · · · · · · · · · · · · · · · ·	Sheet	1	of	. 2	
	,	1717 Wakonade D	Name r. E, Welch Minnesota :	55089	0300828		• -		
3.	Work Pe	rformed by Owne	Address r	· · · · · · ···	· · ·	Repair Organiza		io., Job No., etc	
•		Same	Name		Type Cod Authoriza	e Symbol Stamp tion	N/A N/A		
4.	Identific	ation of System	Address ZH		Expiration Code Clas		N/A3		
5.	(a) Appli	icable Construction	CodeB31.1	····· ·	1967		Edit	ion	• • •
			Addenda		Code Cas	`. e			
6.	(c) App	licable Edition of S licable Section XI C ation of Componen		Repair/Replacemen		1989 With N	o Addenda		
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
:	122 CR (Chilled Wtr. Pmp.	Goulds	225B800-2		045-592		Corrected	. 🗆
•	;	⊃. <i>!</i>	entet.			•	· · · · · · · · · · · · · · · · · · ·	• · ·	<u>د منا</u>
7.	Descrip	otion of Work	Replaced discharge	flange fasteners.	• • •		•	· ·	* . • .* • •
7. 8.	-	onducted:	Replaced discharge	flange fasteners.	Nomina	I Operating Pres	ssure	Exemp	t 🕑
	-		<u></u>	· · · · · · · · · · · · · · · · · · ·	4	I Operating Pres	. 🖵	Exemp	t∑ _°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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9. Remarks

ITEM 1-22-077

	CERTIFICATE OF COMPLIANCE
Ne certify that the statements ma	de in the report are correct and this conforms to the requirements of the ASME Code, Section XI
Type Code Symbol Stamp	NIA
Certificate of Authorization No.	A/A Expiration Date
Signed CLE	ASME Program Engineer Date 7/13/04

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Press Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> the components described in this Owner's Report during the period <u>IL. INNOU</u> to and state that to the best of my knowledge and belief, the Owner has performed examinations measures described in this Owner's Report in accordance with the requirements of the ASME By signing this certificate neither the Inspector nor his employer makes any warranty, e concerning the examinations and corrective measure described in the Owner's Report. the Inspector nor his employer shall be liable in any manner for any personal injury of property any kind arising from or connected with this inspection.	and employed have inspected <u>اعان مر</u> , and taken corrective Code, Section XI. expressed or implied, Furthermore, neither
Date Commissions <u>NG 1 (684 AN1) JI9</u> Date National Board, Province and I	

·						ITEM 1-22-07	78
Owner Nuclear Management C	Company, LLC		Date 1/12	2/2005			-
	Name			· ·			
Plant - Praire Island Nuclear G		, 	Sheet -	1	of		
1717 Wakonade Dr. E,	Name Welch Minnesota 550)89	0303945, 030	03946, 030394	9, DCP03CS	502	
	Address					o., Job No., etc	
Work Owner ormed by	Name		Authorizatio	Symbol Stamp	N/A N/A		
Same	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Expiration D		N/A	· · -	
Identification of System CS	Address		Code Class		2		
(a) Applicable Construction Co		· · · · · · ·	1989	$V_{\frac{1}{2}}^{\frac{1}{2}} = s$	Editio	on	
.	Addenda	3 1 ()	Code Case	N.			
(b) Applicable Edition of Sectio	n XI Utilized for Rep	air/Replacement	Activity	1989 With N	- Io Addenda	· * *.	
Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or	Code
	Name		Nat'l Bd #		Yr Built	Removed, or Installed	Code
11 CS PMP Test Dsch. 2nd Isol.	Name	Serial #		CS-26-3	Yr Built	Removed, or Installed	Code Stam
	Name		Nat'l Bd #		Yr Built	Removed, or Installed	Code Stam
11 CS PMP Test Dsch. 2nd Isol. 11 CS PMP Test suct. Isol.	Name 	Serial #		CS-26-3 CS-26-5	Yr Built	Removed, or Installed Installed Installed	Code Stam
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.	Name	Serial #		CS-26-3 CS-26-5 CS-26-2	Yr Built	Removed, or Installed Installed Installed Installed	Code Stam
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.12 CS PMP Test Dsch. 2nd Isol.	Name	Serial #		CS-26-3 CS-26-5 CS-26-2 CS-26-4	Yr Built	Removed, or Installed Installed Installed Installed Installed	
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.12 CS PMP Test Dsch. 2nd Isol.12 CS PMP Test suct. Isol.	Name	Serial #		CS-26-3 CS-26-5 CS-26-2 CS-26-4 CS-26-6	Yr Built	Removed, or Installed Installed Installed Installed Installed Installed	Code Stam
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.12 CS PMP Test Dsch. 2nd Isol.12 CS PMP Test suct. Isol.6" Containment Spray Piping	Name	Serial #		CS-26-3 CS-26-5 CS-26-2 CS-26-4 CS-26-6 6-CS-32	Yr Built	Removed, or Installed Installed Installed Installed Installed Installed Installed	
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.12 CS PMP Test Dsch. 2nd Isol.12 CS PMP Test suct. Isol.6" Containment Spray Piping6" Containment Spray Piping	Name	Serial #		CS-26-3 CS-26-5 CS-26-2 CS-26-4 CS-26-4 CS-26-6 6-CS-32 6-CS-35	Yr Built	Removed, or Installed Installed Installed Installed Installed Installed Installed	ASMI Code Stam
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.12 CS PMP Test Dsch. 2nd Isol.12 CS PMP Test suct. Isol.6" Containment Spray Piping6" Containment Spray PipingCS System Hanger	Name			CS-26-3 CS-26-5 CS-26-2 CS-26-4 CS-26-6 6-CS-32 6-CS-35 1-CSH-2	Yr Built	Removed, or Installed Installed Installed Installed Installed Installed Installed Removed	
11 CS PMP Test Dsch. 2nd Isol.11 CS PMP Test suct. Isol.12 CS PMP Test Dsch. 1st Isol.12 CS PMP Test Dsch. 2nd Isol.12 CS PMP Test suct. Isol.6" Containment Spray Piping6" Containment Spray PipingCS System Hanger8" Containment Spray Pipe8x8x6 Tee Containment Spray	Name			CS-26-3 CS-26-5 CS-26-2 CS-26-4 CS-26-6 6-CS-32 6-CS-32 6-CS-35 1-CSH-2 8-CS-4	Yr Built	Removed, or Installed Installed Installed Installed Installed Installed Installed Removed Removed	
11 CS PMP Test Dsch. 2nd Isol. 11 CS PMP Test suct. Isol. 12 CS PMP Test Dsch. 1st Isol. 12 CS PMP Test Dsch. 2nd Isol. 12 CS PMP Test suct. Isol. 12 CS PMP Test suct. Isol. 6" Containment Spray Piping 6" Containment Spray Piping CS System Hanger 8" Containment Spray Pipe 8x8x6 Tee Containment Spray Pipe 11 CS PMP Test Dsch. 1st Isol. Description of Work	Name	Serial #		CS-26-3 CS-26-5 CS-26-2 CS-26-4 CS-26-6 6-CS-32 6-CS-35 1-CSH-2 8-CS-4 8-CS-4 8-CS-4		Removed, or Installed Installed Installed Installed Installed Installed Removed Removed Installed Installed	

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-078
9. Remarks n/a
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Type Code Symbol Stamp Image: Certificate of Authorization No. Image: Certificate of Authorization No.
Signed ASME Program Engineer Date
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>Minnesota</u> and employed
by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>C6A06-64</u> to
<u>18 JAN 05</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 measure described in the Owner's Report.
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Commissions <u>AB 12055 AD1 ma 21924</u> Inspector's Signature Commissions National Board, Province and Endorsements
Date 18 , 2005

		· · · ·	- ,		-	ITEM 1-22-07	79
Owner Nuclear Management	Company, LLC		Date 11	1/1/2004			
Plant Praire Island Nuclear	Name Generating Plant		- Sheet	1	of	· 2	
	Name						
1717 Wakonade Dr. E	Address	5089	0403587, E		tion P.O. N	io., Job No., etc	
Work Performed by Owner	Address	a na sa sa	· · · · ·	Symbol Stamp		10., JOD NO., etc	
 	Name	العالي الدينة متوادينان. العالية الدينة متواد	Authorizati	•	• <u>N/A</u>	<u> </u>	
Same	Address		Expiration				
	IS		Code Class		2		
(a) Applicable Construction C	ode B31.1	ر د دی د	1967		Edit	ion	
		,					
	Addenda		Code Case				
		• • .			•	• •	
(b) Applicable Edition of Sect		epair/Replaceme	nt Activity	1989 With N	lo Addenda	••	
		epair/Replaceme	nt Activity	1989 With N	lo Addenda	·	
(c) Applicable Section XI Cod		epair/Replaceme	nt Activity	1989 With N	lo Addenda	·	
(c) Applicable Section XI Cod Identification of Components	tion XI Utilized for R le Cases None		· · · ·				
(c) Applicable Section XI Cod		epair/Replacemer Manufacturer Serial #	nt Activity	1989 With N Other ID	o Addenda Yr Built	Corrected, Removed, or Installed	Code
(c) Applicable Section XI Cod Identification of Components	tion XI Utilized for R le Cases None Manufacturer	Manufacturer	Nat'l Bd #			Corrected, Removed, or	Code
(c) Applicable Section XI Cod Identification of Components Component Name	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID		Corrected, Removed, or Installed	ASME Code Stam
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated	Manufacturer Serial #	Nat'l Bd #	Other ID RS-21-3		Corrected, Removed, or Installed Corrected	Code
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated Consolidated	Manufacturer Serial #	Nat'l Bd #	Other ID RS-21-3		Corrected, Removed, or Installed Corrected	Code
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated Consolidated	Manufacturer Serial #	Nat'l Bd #	Other ID RS-21-3		Corrected, Removed, or Installed Corrected	Code
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated Consolidated	Manufacturer Serial #	Nat'l Bd #	Other ID RS-21-3		Corrected, Removed, or Installed Corrected	Code
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve Description of Work	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated Consolidated <u>Replace flange faste</u>	Manufacturer Serial #	Nat'l Bd #	Other ID RS-21-3 RS-21-5	Yr Built	Corrected, Removed, or Installed Corrected Corrected	Code Stam
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated Consolidated	Manufacturer Serial #	Nat'l Bd #	Other ID RS-21-3	Yr Built	Corrected, Removed, or Installed Corrected	Code Stam
(c) Applicable Section XI Cod Identification of Components Component Name 11 SG MS HDR Relief Valve 11 SG MS HDR Relief Valve Description of Work	tion XI Utilized for R le Cases <u>None</u> Manufacturer Name Consolidated Consolidated <u>Replace flange faste</u>	Manufacturer Serial #	Nat'i Bd #	Other ID RS-21-3 RS-21-5	Yr Built	Corrected, Removed, or Installed Corrected Corrected	Code Stam

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Add	lenda	· . · .	Code Case	
(b) Applicable Edition of Section XI Ut	ilized for	r Repair/Replac	ement Activity	1989 With No Addenda
(c) Applicable Section XI Code Cases	None	1		

5.	(a) Applicable Construction Code	B31.1		 	1967	
		Addenda			Code Case	,
		* * • •		•	•	`

PRAIRIE IS	LAND NUCLEAR GENERATING PLANT
FURINI NIS-2 UWNER 5 RI	EPORT FOR REPAIR/ REPLACEMENT ACTIVITY
	ITEM 1-22-079
Remarks	
CF	RTIFICATE OF COMPLIANCE
	ort are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp	
Certificate of Authorization No. N/A	Expiration Date
Signed	, ASME Program Engineer Date /////84
Owner or Owner's Des	ignee, Title
CERTIF	ICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issue	d by the National Board of	Boiler and Pressure Vessel
Inspectors and the State or Province of	Minnesota	and employed
by HSB Insp. and Ins. Co. of Connecticut		
inspected the components described in this Owner's		
OI NOV 04, and state that to the best of my		
examinations and taken corrective measures descrit	bed in this Owner's Report	in accordance with the
requirements of the ASME Code, Section XI.		
By signing this certificate neither the Inspector n		
implied, concerning the examinations and correcti	ve measure described ir	i îne Owners Report.

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

(June)		5 NB 12085 ANI	ma 21924
Inspector's Signal	ure	National Board, Pr	rovince and Endorsements
Date	Dovember 01, 2004		

		• • •	• • •		· .	. ; :			-	ITEM 1-22-0	80
1.	Owner	Nuclear Man	agement C	ompany, LLC			Date	1/7/2005			· ·
_				Name		-					
2.	Plant	Praire Island		enerating Plant			Sheet	1	of	. 2	•
		1717 Wakon	ade Dr. E,	Welch Minnesota	55089	••••••	0301139				
3. 1	Work Pe	rformed by	· A Owner	ddress	· · ·			Repair Organiz		io., Job No., etc	
		Samo	i	Name		•		le Symbol Stam	p N/A N/A		
	• .	Same	A	ddress	·		Expiratio		N/A	• •	
4.	Identific	ation of Syste				•	Code Cla	SS	2		
5.	(a) Appli	icable Constru	uction Cod	e n/a		· ·		, 1	Edit	ion	
				Addenda	- • .,		Code Cas	e		N 1	
r	(c) App Identific	licable Sectio	n XI Code	n XI Utilized for Cases None Manufacturer	Repair/Repla	cement	Activity		No Addenda		ASME
	(c) Appl Identific Compon	licable Sectio ation of Comp ent Name	n XI Code ponents	Cases None Manufacturer Name	·····	cement	• •	Other ID	1	Corrected, Removed, or Installed	Stamp
	(c) Appl Identific Compon	licable Sectio	n XI Code ponents	Cases None	Manufact Serial #	cement	Activity		Yr Built	Corrected, Removed, or	Code
	(c) App Identific Compon 11 Conta	licable Sectio ation of Comp nent Name ninment Spray	n XI Code ponents Pump	Cases None Manufacturer Name Ingersol Rand	Manufact Serial #	cement	Activity Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
	(c) App Identific Compon 11 Conta	licable Sectio ation of Comp ent Name	n XI Code ponents Pump <u>R</u>	Cases None Manufacturer Name Ingersol Rand	Manufact Serial # cal seal icludin	cement	Activity Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
	(c) Appl Identific Compon 11 Conta	licable Sectio ation of Comp nent Name ninment Spray	n XI Code ponents Pump <u>R</u>	Cases None Manufacturer Name Ingersol Rand eplaced mechanic	Manufact Serial # cal seal icludin	cement turer	Activity Nat'l Bd # plate.	Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp
7.	(c) Appl Identific Compon 11 Conta	licable Sectio ation of Comp ent Name inment Spray	n XI Code ponents Pump <u>R</u>	Cases None Manufacturer Name Ingersol Rand eplaced mechanic	Manufact Serial # cal seal icludin	cement turer	Activity Nat'l Bd # plate.	Other ID 145-101	Yr Built	Corrected, Removed, or Installed Corrected	Code Stamp
7.	(c) Appl Identific Compon 11 Conta Descrip Tests c	licable Sectio ation of Comp ent Name inment Spray otion of Work onducted:	n XI Code ponents Pump <u>R</u>	Cases None Manufacturer Name Ingersol Rand eplaced mechanic	Manufact Serial # cal seal icludin	cement turer	Activity Nat'l Bd # plate.	Other ID 145-101	Yr Built	Corrected, Removed, or Installed Corrected	Code Stamp
7. 8. Oth	(c) Appl Identific Compon 11 Conta Descrip Tests c eer: n/a TE: Supp	licable Sectio ation of Comp nent Name inment Spray otion of Work onducted:	n XI Code ponents Pump <u>R</u> H	Cases None Manufacturer Name Ingersol Rand eplaced mechanic	Manufact Serial # cal seal icludin Pneumatic Pressure or drawings ma d (3) each she	cement	Activity Nat'l Bd # plate. Nominal O ed, provide nbered and	Other ID 145-101 perating Pressu psi Test Ten ed (1) size is 8 1 d number of shee	Yr Built ure '] mp. /2 in. x 11 in	Corrected, Removed, or Installed Corrected Exempt	• F
7. 8. Oth	(c) Appl Identific Compon 11 Conta Descrip Tests c eer: n/a TE: Supp	licable Sectio ation of Comp nent Name inment Spray btion of Work onducted: lemental sheet in this report is	n XI Code ponents Pump <u>R</u> Hj C ts in form o i included o	Cases None Manufacturer Name Ingersol Rand eplaced mechanic ydrostatic ther flists, sketches, on n each sheet, and	Manufact Serial # cal seal icludin Preumatic Pressure or drawings ma d (3) each she	cement	Activity Nat'l Bd # plate. Nominal O ed, provide nbered and	Other ID 145-101 perating Press psi Test Ten ed (1) size is 8 1	Yr Built ure '] mp. /2 in. x 11 in	Corrected, Removed, or Installed Corrected Exempt	• F
7. 8. Oth	(c) Appl Identific Compon 11 Conta Descrip Tests c eer: n/a TE: Supp	licable Sectio ation of Comp nent Name inment Spray btion of Work onducted: lemental sheet in this report is	n XI Code ponents Pump <u>R</u> Hj C ts in form o i included o	Cases None Manufacturer Name Ingersol Rand eplaced mechanic ydrostatic Other	Manufact Serial # cal seal icludin Preumatic Pressure or drawings ma d (3) each she	cement	Activity Nat'l Bd # plate. Nominal O ed, provide nbered and	Other ID 145-101 perating Pressu psi Test Ten ed (1) size is 8 1 d number of shee	Yr Built ure '] mp. /2 in. x 11 in	Corrected, Removed, or Installed Corrected Exempt	• F

PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVIT	Ϋ́

ITEM 1-22-080

9.	Remarks	n/a
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	······	·····	
<u> </u>	CERTIF	ICATE OF COMPLIANCE	<u></u>
We certify that the statements m	nade in the report are	correct and this conforms to the	requirements of the ASME Code, Section XI.
Type Code Symbol Stamp	SIA		
Type Code Symbol Stamp Certificate of Authorization No.	NIA	Expiration Date	
		Expiration Date	te <u>1/7/05</u> ,,

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the Nati	onal Board of Boiler and Pressure	Vessel
Inspectors and the State or Province ofMinnesota		and employed
		have
inspected the components described in this Owner's Report durin		_ to
, and state that to the best of my knowledge a		
examinations and taken corrective measures described in this Ov	vner's Report in accordance with th	18
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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.

	the ROI	Commissions	NB 1/095 ANI	m J 21924
	Inspector's Signature	_	National Board, Pro	ovince and Endorsements
Date _	(january 10	, <u>l</u> s		
	\bigcup			

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

Owner	r Nuclear Management	Company, LLC		Date 10	0/26/2004			•
Plant		Name Generating Plant	· · · · · · · · · · · · · · · · · · ·	Sheet				
	1717 Wakonade Dr. E	Name 5, Welch Minnesota 55	5089	- 0407196, S	PCE-ME-0453			
Work I	Performed by Owner	Address	••••••••••••••••••••••••••••••••••••••		·	• - •	lo., Job No., etc	
	Same	Name	- 1 631.7734 3	Authorizati	Symbol Stamp	N/A N/A		
Identi	fication of System V	Address C		Expiration Code Class		N/A 2	· · ·	
(a) Ap	- plicable Construction C	ode n/a	، بر مانو	n/a		Edit	ion	· ·
	N	Addenda n/a	a	Code Case	n/a		· · ·	
(c) Aj	pplicable Edition of Sec pplicable Section XI Coc		epair/Replacemen	nt Activity	1989 With N	lo Addenda	······································	
(c) Aj Identi			epair/Replacemen Manufacturer Serial #	nt Activity	1989 With N Other ID	lo Addenda	Corrected, Removed, or Installed	Code
(c) Aj Identi	pplicable Section XI Coo fication of Components ponent Name	le Cases None	Manufacturer			· · · · · · · · · · · · · · · · · · ·	Corrected, Removed, or	Code
(c) Aj Identi Comp 12 BA	pplicable Section XI Coc fication of Components ponent Name TP	le Cases None Manufacturer Name Goulds	Manufacturer Serial # 792A190-2	Nat'l Bd #	Other ID	· · · · · · · · · · · · · · · · · · ·	Corrected, Removed, or Installed	Stamp
(c) Aj Identi Comp 12 BA	pplicable Section XI Coo fication of Components ponent Name	le Cases None Manufacturer Name Goulds Replaced the mechan	Manufacturer Serial # 792A190-2	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code Stamp

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information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-081 9. Remarks n/a ÷ CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp ~ Certificate of Authorization No. **Expiration Date** 10/26/04 ASME Program Engineer Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issue	d by the National Board of Boiler and Pressu	ire vessel
Inspectors and the State or Province of	Minnesota	and employed
by HSB Insp. and Ins. Co. of Connecticut	of <u>Hartford Conn.</u>	have
inspected the components described in this Owner's	Report during the period	to
, and state that to the best of my	knowledge and belief, the Owner has perfor	rmed
examinations and taken corrective measures describ	bed in this Owner's Report in accordance wit	h 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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.

	Jun ROL	_ Commissions	NB 17085 ANI MA 21924
l '	/)nspector's Signature		National Board, Province and Endorsements
Date	Nether_38_	. 2004	

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

					ITI	EM 1-22-082	
Nuclear Ma	nagement Company, LLC		Date	11/1/2004			
Praire Islan	Name Id Nuclear Generating Plant	 	Sheet	1	of	2	
1717 Wako	Name	-	0407276	.			
	Address	-	-	Repair Organizati	on P.O. No.,	Job No., etc	
formed by	Owner	_	Type Co	de Symbol Stamp	N/A		
Same	Name	· · · · · ·	Authoriz	ation	N/A		
e	Address	- ,	Expiratio	on Date	N/A	, • · ·	
tion of Sys	tem MS		Code Cla	ass	2	• . 1	_

XH-1112

Code Case

...

n/a

Åddenda n/a

B16.5

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity

1989 With No Addenda

Edition

None (c) Applicable Section XI Code Cases

6. Identification of Components

Owner

Plant

Work Performed by

Identification of System

(a) Applicable Construction Code

1.

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3.

4.

5.

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 MSIV	Shutte & Koerting	n Bry	n/a	CV-31098	1970	Corrected	
Description of Work					· · ·	· · · · · · · · · · · · · · · · · · ·	
. Tests conducted:		Pneumatic	· · ·	Operating Pre		Exemp	t√ ∙F
4han 12	J	Pressure		psi Test Te	emp. 		

Other: n/a

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks None.
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Certificate of Authorization No Expiration Date
\mathcal{P}
Signed, ASME Program Engineer Date,, _,, _
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel of Inspectors and the State or Province of <u>Minnesota</u> and employed
by HSB Insp. and Ins. Co. of Connecticut of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>I6sePou</u> to
03 Nov oy, and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
property damage or a loss of any kind arising from or connected with this inspection.
Augus R. Def Commissions NB 1/285 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date Ny hvember 03, 2004

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-085 Nuclear Management Company, LLC Owner Date 11/9/2004 Name Plant Praire Island Nuclear Generating Plant 2 2. Sheet 1 of Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0407291 Address Repair Organization P.O. No., Job No., etc Work Performed by Owner 3. Type Code Symbol Stamp N/A Name N/A Authorization Same N/A **Expiration Date** Address Code Class 2 Identification of System AF 1967 Edition (a) Applicable Construction Code B31.1 5. Addenda Code Case (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda None (c) Applicable Section XI Code Cases Identification of Components 6. **Component Name** Manufacturer Manufacturer Nat'l Bd # Yr Built ASME Other ID Corrected, Removed, or Serial # Name Code Installed Stamp 1-AFWH-88 Spring Hanger **Basic Engineers** Corrected **Description of Work** Reassembled spring hanger. 7. Exempt 🔽 Tests conducted: Hydrostatic Nominal Operating Pressure 8. Pneumatic Other 🕅 Pressure psi Test Temp. . . Other: VT-3

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8 \ 1/2$ in. $x \ 11$ in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-085
9. Remarks
······································
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization NoExpiration Date
Signed ASME Program Engineer Date 11/9/04
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have
inspected the components described in this Owner's Report during the period 2356 Pou to
<u>12 Novou</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 measure described in the Owner's Report.
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
property damage or a loss of any kind arising from or connected with this inspection.
ture ? Ol Commissions No 1/085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date Vovenber 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY	,

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ITEM	1-22-086

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۱.	Owner	Nuclear Management	Company, LLC		Date 1	12/3/2004			• • • •
•	Plant	Praire Island Nuclear	Name Generating Plant		Sheet	· 1	of	2	
		1717 Wakonade Dr. E	Name E, Welch Minnesota 5	5089	0407778				
	Work Pe	rformed by Owner	Address	· · · ·	1	Repair Organiza	tion P.O. N	o., Job No., etc	
			Name	· •	•••••	e Symbol Stamp			
	,	Same			Authorization		N/A N/A		
	Identific	ation of System R	Address H	Ъ.	Code Clas		2		
	(a) Appli	- icable Construction C	ode ASME III	· · · · ·	1968		Editi		•
			Addenda	*	Code Cas	e			
		• • • • •		·			-		
	(b) App	licable Edition of Sect	ion XI Utilized for Re	epair/Replacemer	It Activity	1989 With N	o Addenda		
	. (c) A pp	licable Section XI Cod	e Cases None						
	Identific	ation of Components				.			
		cation of Components nent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code
	Compor				Nat'l Bd # 340	Other ID	Yr Built 1968	Removed, or	Code
	Compor	nent Name	Name	Serial #				Removed, or Installed	Code Stamp
•	Compor 11 RHR	nent Name	Name	Serial #	340			Removed, or Installed	Code Stamp
-	Compor 11 RHR Descrip	hent Name Heat Exchanger	Name Joseph Oats Replaced flange fast	Serial # 1817-1A eners. Pneumatic	340	135-051	1968	Removed, or Installed Corrected Exemp	Code Stamp
-	Compor 11 RHR Descrip	nent Name Heat Exchanger Dition of Work	Name Joseph Oats Replaced flange fast	Serial # 1817-1A eners. Pneumatic	340 Nomina	135-051 I Operating Pres	1968	Removed, or Installed Corrected	Code Stamp
7. 3.	Compor 11 RHR Descrip	nent Name Heat Exchanger Dition of Work	Name Joseph Oats Replaced flange fast Hydrostatic	Serial # 1817-1A eners. Pneumatic	340 Nomina	135-051 I Operating Pres	1968	Removed, or Installed Corrected Exemp	Stamp

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	ND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REP	PORT FOR REPAIR/ REPLACEME	NT ACTIVITY
Remarks		ITEM 1-22-086
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······		
······································		<u> </u>
CERT	IFICATE OF COMPLIANCE	<u></u>
We certify that the statements made in the report a Type Code Symbol Stamp	are correct and this conforms to the requirements of the ASM	E Code, Section XI.
Certificate of Authorization No.	Expiration Date	
Signed		
Owner or Owner's Designed		,
-		
· · · · · · · · · · · · · · · · ·		
CERTIFICA	ATE OF INSERVICE INSPECTION	
the undersigned, holding a valid commissi spectors and the State or Province of	ion issued by the National Board of Boiler and Pre	
speciors and the state or Province of	Minnesota	
HSB Insp. and Ins. Co. of Connecticut	of <u>Hartford Conn</u> ,	and employed have to
/ HSB Insp. and Ins. Co. of Connecticut spected the components described in this סוף ארב	of <u>Hartford Conn.</u> Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe	have to rformed
/ HSB Insp. and Ins. Co. of Connecticut spected the components described in this <u>DSDECOU</u> , and state that to the be caminations and taken corrective measure	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe is described in this Owner's Report in accordance	have to rformed
א HSB Insp. and Ins. Co. of Connecticut spected the components described in this א DEC סין, and state that to the be caminations and taken corrective measure	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe is described in this Owner's Report in accordance	have to rformed
HSB Insp. and Ins. Co. of Connecticut spected the components described in this <u>DSDECou</u> , and state that to the be caminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp pplied, concerning the examinations and	of <u>Hartford Conn</u> Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe is described in this Owner's Report in accordance I. pector nor his employer makes any warranty, corrective measure described in the Owner's	have to rformed with the expressed or Report.
Y HSB Insp. and Ins. Co. of Connecticut spected the components described in this <u>DSDECou</u> , and state that to the be caminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp pplied, concerning the examinations and urthermore, neither the Inspector nor his en	of <u>Hartford Conn</u> Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe is described in this Owner's Report in accordance I. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers	have to rformed with the expressed or Report.
Y HSB Insp. and Ins. Co. of Connecticut spected the components described in this <u>DSDECou</u> , and state that to the be caminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp pplied, concerning the examinations and urthermore, neither the Inspector nor his en	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe es described in this Owner's Report in accordance I. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers g from or connected with this inspection.	have to rformed with the expressed or Report. onal injury of
YHSB Insp. and Ins. Co. of Connecticut spected the components described in this SEDECOY, and state that to the be- xaminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp nplied, concerning the examinations and urthermore, neither the Inspector nor his en- roperty damage or a loss of any kind arising Mush Order	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has per es described in this Owner's Report in accordance I. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers g from or connected with this inspection. Commissions $\sqrt{B} / 2025 A \sqrt{1} m \sqrt{3} / 2025}$	have to rformed with the expressed or Report. onal injury of
HSB Insp. and Ins. Co. of Connecticut spected the components described in this <u>SSDEcov</u> , and state that to the be caminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp nplied, concerning the examinations and urthermore, neither the Inspector nor his en roperty damage or a loss of any kind arising <u>Lock</u> . Of	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has pe es described in this Owner's Report in accordance I. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers g from or connected with this inspection.	have to rformed with the expressed or Report. onal injury of
4 HSB Insp. and Ins. Co. of Connecticut spected the components described in this 28 Decod, and state that to the be caminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp polied, concerning the examinations and urthermore, neither the Inspector nor his en- coperty damage or a loss of any kind arising $4 \text{Lust} \Omega$. Of	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has per is described in this Owner's Report in accordance I. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers ig from or connected with this inspection. Commissions $\sqrt{B} / 2025 A \sqrt{1} m \sqrt{3} / 2025}$	have to rformed with the expressed or Report. onal injury of
HSB Insp. and Ins. Co. of Connecticut spected the components described in this <u>DSDEcou</u> , and state that to the be caminations and taken corrective measure equirements of the ASME Code, Section XI y signing this certificate neither the Insp pplied, concerning the examinations and urthermore, neither the Inspector nor his en roperty damage or a loss of any kind arising <u>Concerning Concerning</u>	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has per es described in this Owner's Report in accordance l. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers g from or connected with this inspection. <u>Ommissions</u> <u>JB 12085</u> ANI MJ 2192 National Board, Province and	have to rformed with the expressed or Report. onal injury of
$\frac{1}{488 \text{ Insp. and Ins. Co. of Connecticut}}{\text{spected the components described in this }} \\ \frac{1}{280 \text{ Cov}}, \text{ and state that to the becaminations and taken corrective measure} \\ \frac{1}{280 \text{ cov}}, \text{ and state that to the becaminations and taken corrective measure} \\ \frac{1}{280 \text{ cov}}, \text{ and state that to the becaminations and taken corrective measure} \\ \frac{1}{280 \text{ cov}}, \text{ signing this certificate neither the Inspector NI} \\ \frac{1}{280 \text{ cov}}, \text{ cov}, \text{ cov}, \text{ signing this certificate neither the Inspector nor his encounter} \\ \frac{1}{280 \text{ cov}}, \text{ cov}, $	of <u>Hartford Conn</u> . Owner's Report during the period <u>JISEP04</u> est of my knowledge and belief, the Owner has per es described in this Owner's Report in accordance l. pector nor his employer makes any warranty, corrective measure described in the Owner's mployer shall be liable in any manner for any pers g from or connected with this inspection. <u>Ommissions</u> <u>JB 12085</u> ANI MJ 2192 National Board, Province and	have to rformed with the expressed or Report. onal injury of

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Owner	Nuclear Manageme	ent Compa	any, LLC		Date 1	1/30/2004			,
- Piant	Praire Island Nuclea	Nam ar Genera	-		- Sheet	1 .	of	2	
	1717 Wakonade Dr	Nam . E, Weic	-	5089	0407227	••••	•	· - · · · ·	•••
Work Pa	rformed by Owner	Addre	255		F	Repair Organiz	ation P.O. N	lo., Job No., etc	
WUIKFE		Name	e ·			Symbol Stam			
	Same				Authorizat		N/A N/A		
Identific	ation of System	Addre: RH	SS	•••	Expiration Code Clas		<u>1</u>		
•••				· · ·		n Alexandra N			
(a) Appli	icable Construction	Code	B16.34	<u> </u>	· · ·		Editi	ion 	,
	-	.	ddenda 🗕	<u> </u>	Code Case)	-	-	
Identific	licable Edition of Se licable Section XI Co cation of Component	ode Case ts		Manufacturor	Not'l Rd #	Other ID	Ve Built	Corrected	
Identific	licable Section XI C	ode Case ts	nufacturer	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code
Identific Compor	licable Section XI C ation of Component	ode Case ts Mar	nufacturer		Nat'l Bd #	Other ID MV32231	Yr Built	Removed, or	Code
Identific Compor RCS Lp	licable Section XI Constraint ation of Component ment Name B hot leg RHR Sup.	ode Case ts Mar Nar Vela	nufacturer ne	Serial #	Nat'l Bd #		Yr Built	Removed, or Installed	Code
Identific Compor RCS Lp Descrip	licable Section XI Constraints of Component ment Name B hot leg RHR Sup.	ode Case ts Mar Nar Vela	nufacturer ne an ced body to bor	Serial #		MV32231		Removed, or Installed Corrected	Code Stam
Identific Compor RCS Lp Descrip	licable Section XI Constant ation of Component ment Name B hot leg RHR Sup.	ode Case ts Mar Nar Vela	nufacturer ne an ced body to bor	Serial #	Nominal	MV32231	essure 🕢	Removed, or Installed Corrected	Code Stam
Identific Compor RCS Lp Descrip	licable Section XI Constraints of Component ment Name B hot leg RHR Sup.	ode Case ts Nar Vela Replac Hydro	nufacturer ne an <u>ced body to bor</u> static	Serial #	Nominal	MV32231	essure 🔽	Removed, or Installed Corrected Exemp	ASMI Code Stam
Identific Compor RCS Lp Descrip Tests c er: DTE: Sup	licable Section XI Constraints of Component ment Name B hot leg RHR Sup.	ode Case ts Mar Nar Vela Vela Hydro Other orm of list on this rej	nufacturer ne an ced body to bor static	Serial #	Nominal DP used, provide	MV32231 I Operating Pre psi Test Te ed (1) size is 8 f neet is numbere	essure 🔽 emp.	Removed, or Installed Corrected Exemp NOT	Code Stam

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEME	ENT ACTIVITY
9. Remarks	ITEM 1-22-087
	· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the requirements of the ASM	iE Code, Section XI.
Type Code Symbol Stamp	
	· · · · · · · · · · · · · · · · · · ·
Signed ASME Program Engineer Date	,,
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 Pre Inspectors and the State or Province of <u>Minnesota</u>	essure Vessel
by HSB Insp_ and Ins. Co. of Connecticut of Hartford Conn.	have
inspected the components described in this Owner's Report during the period <u>29 SEPOV</u> <u>28 DECOV</u> , and state that to the best of my knowledge and belief, the Owner has period	to erformed
examinations and taken corrective measures described in this Owner's Report in accordance requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, implied, concerning the examinations and corrective measure described in the Owner's	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any pers	
property damage or a loss of any kind arising from or connected with this inspection.	
Inspector's Signature Commissions NB 1/2085 ANI MJ 2192	4 I Endorsements
Date 18 , 1004	

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Owner	Nuclear Management C	ompany, LLC		Date 11	1/15/2004		en tra a	
Plant	Praire Island Nuclear G	Name enerating Plant	····	Sheet	· 1	of	<u> </u>	
	1717 Wakonade Dr. E,	Name Welch Minnesota 55	5089	0401076	· · · · · · · · · · · · · · · · · · ·			~
Work Pe	rformed by Owner	Address	····		epair Organiza Symbol Stam	· · · · ·	lo., Job No., etc	
	Same	Name		Authorizati		N/A		
Idontifia	A ation of System VC	ddress	n en st	Expiration Code Class	• • •	N/A		· • • ,
	·····	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			<u> </u>		· ,
(a) Appli	icable Construction Coc	·····	,	[™] n/a		Edit	ion	
	× • •	Addenda n/a	a	Code Case	n/a	- ⁴ -		· ·
(c) App Identific	licable Edition of Section licable Section XI Code cation of Components	Cases None	Manufacturer	nt Activity	1989 With N	No Addenda	Corrected,	
(c) App Identific	licable Section XI Code cation of Components	Cases None		· · · · · ·				ASME Code
(c) App Identific Compor	licable Section XI Code cation of Components	Cases None	Manufacturer	· · · · · ·			Corrected, Removed, or	ASME Code Stamp
(c) App Identific Compor 11 Charg	licable Section XI Code cation of Components nent Name ging Pump	Cases None Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code
(c) App Identific Compor 11 Charg Descrip	licable Section XI Code cation of Components nent Name ging Pump ption of Work <u>F</u>	Cases None Manufacturer Name Ajax	Manufacturer Serial #	Nat'l Bd #	Other ID 145-041	Yr Built 1969	Corrected, Removed, or Installed Corrected	ASME Code Stam;
(c) App Identific Compor 11 Charg Descrip	licable Section XI Code cation of Components nent Name ging Pump ption of Work <u>F</u> conducted: F	Cases None Manufacturer Name Ajax Replaced charging pr Hydrostatic	Manufacturer Serial #	Nat'l Bd #	Other ID 145-041 Operating Pre	Yr Built 1969	Corrected, Removed, or Installed Corrected	ASME Code Stam;

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9. Remarks	n/a				112m 1-22	-000
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<u> </u>			<u></u>			
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	·····					
[CERTIFICATE	OF COMPLIAN	CF		
We certify th	at the statements made in the re				the ASME Code, Sectio	n XI.
Type Code S	Symbol Stamp N/A					
Certificate of	Authorization No.		Expiration Date			
Signed		ACHE	Drogram Engineer	Date5	lan	
- Signed	Owner or Owner's D		Program Engineer		<u> </u>	
1						
L			<u> </u>		<u> </u>	
					· · · · · · · · · · · · · · · · · · ·	
	CERT	IFICATE OF I	NSERVICE INSI	PECTION		
I: the undersi	gned, holding a valid com	mission issue	d by the National	Board of Boiler a	and Pressure Vess	el
Inspectors a	nd the State or Province	e of	Minnesota		and e	employ
	and Ins. Co. of Connectic				have	
	components described in , and state that to t					
examinations	and taken corrective mea	asures describ				
requirements	of the ASME Code, Secti	on XI.				
By signing t	his certificate neither the	Inspector n	or his employer	makes any wa	rranty expressed	or
	erning the examinations					
	neither the Inspector nor				ny personal injury c	of
property dam	age or a loss of any kind a	arising from of	connected with	this inspection.	,	
	uner P.O.I	Com	missions A	BILOSS ANI MIN	21924	
	pector's Signature	<u> </u>	Natio	nal Board, Provir	ice and Endorseme	ents
Date	W	19, 2004				

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Owner	Nuclear Managemen	t Company, LLC		Date 10)/29/2004			
Plant	Praire Island Nuclear	Name r Generating Plant	·····	Sheet	1	of .		
	1717 Wakonade Dr.	Name E, Welch Minnesota 55	5089	0407257	•	•••		· •
Work Pe	rformed by Owner	Address					lo., Job No., etc	
	Same	Name	······································	Authorizati	Symbol Stamj on	p <u>N/A</u> N/A		
		Address	······································	Expiration	• .	N/A	. , ,	. • .
Identific	ation of System	/C		Code Class		2		
(a) Appl	icable Construction C	ode n/a	··· · · · · · · · · · · · · · · · · ·	n/a	$G_{\rm ext}$	Edit	ion 🕣 🖯	
(b) App (c) App	icable Construction C dicable Edition of Sec dicable Section XI Co cation of Components	Addenda n/a ction XI Utilized for Re de Cases <u>None</u>	<u></u>	Code Case	n/a 1989 With N	- · · · · ·	×	
(b) App (c) App Identific	licable Edition of Sec licable Section XI Co	Addenda n/a ction XI Utilized for Re de Cases <u>None</u>	<u></u>	Code Case		- · · · · ·	Corrected, Removed, or	ASME Code Stamp
(b) App (c) App Identific	plicable Edition of Sec licable Section XI Co cation of Components nent Name	Addenda n/a stion XI Utilized for Re de Cases <u>None</u> Manufacturer	epair/Replaceme	Code Case	1989 With N		Corrected,	
(b) App (c) App Identific Compor	plicable Edition of Sec licable Section XI Co cation of Components nent Name	Addenda n/a stion XI Utilized for Re de Cases <u>None</u> Manufacturer Name	epair/Replaceme Manufacturer Serial #	Code Case	1989 With M		Corrected, Removed, or Installed	Code Stamp
(b) App (c) App Identific Compor	plicable Edition of Sec licable Section XI Co cation of Components nent Name	Addenda n/a stion XI Utilized for Re de Cases <u>None</u> Manufacturer Name	epair/Replaceme Manufacturer Serial # 792A190-2	Code Case nt Activity Nat'l Bd #	1989 With M Other ID 145-612	- No Addenda Yr Built	Corrected, Removed, or Installed	Code Stamp
(b) App (c) App Identific Compor 12 BATF	olicable Edition of Sec licable Section XI Co cation of Components ment Name	Addenda n/a stion XI Utilized for Red de Cases None de Cases None None de Cases None State Manufacturer Name State Goulds State State Replaced the mechal None State	epair/Replacemen Manufacturer Serial # 792A190-2 nical seal gland pl Pneumatic	Code Case nt Activity Nat'l Bd #	1989 With M Other ID 145-612 ng fastener ass Operating Pre	Yr Built	Corrected, Removed, or Installed Corrected	Code Stamp
(b) App (c) App Identific Compor 12 BATF	plicable Edition of Sec licable Section XI Co cation of Components nent Name	Addenda n/a stion XI Utilized for Re de Cases None Manufacturer Name Goulds <u>Replaced the mechan</u> Hydrostatic Other Other	Manufacturer Serial # 792A190-2 nical seal gland pl	Code Case nt Activity Nat'l Bd #	1989 With M Other ID 145-612 ng fastener ass Operating Pre	Yr Built	Corrected, Removed, or Installed Corrected	Code Stamp

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FÖRM	· · · · · · · · · · · · · · · · · · ·	NUCLEAR GENERATING PLANT RT FOR REPAIR/ REPLACEMENT ACTIVITY
Remarks	n/a	ITEM 1-22-089
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	······································	·····
		ATE OF COMPLIANCE
•		rect and this conforms to the requirements of the ASME Code, Section XI.
• •	f Authorization Np/A	Expiration Date
0.4		SME Program Engineer Date 10/29/04
Signed _	Owner or Owner's Designee , Tit	
the unders		OF INSERVICE INSPECTION sued by the National Board of Boiler and Pressure Vessel Minnesota and employed
HSB Insp.	and Ins. Co. of Connecticut	of <u>Hartford Conn.</u> have
amination	, and state that to the best of	er's Report during the period <u>28 seroy</u> to my knowledge and belief, the Owner has performed scribed in this Owner's Report in accordance with the
nplied, conductive	cerning the examinations and corre , neither the Inspector nor his employ hage or a loss of any kind arising from	
Ins	\sim	Commissions <u>AB 12085 AUI MA 21924</u> National Board, Province and Endorsements
		1
ate	Vormber 01, 2	<u><u><u></u></u></u>

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1 1 1				· · · · ·	1.21 · ·	ITEM 1-22-09	90
Owner Nuclear Managemen	t Company, LLC		Date 11	/30/2004		č	· .
	Name	···					
Plant ··· Praire Island Nuclear	Generating Plant	· •••• •	Sheet -	1	of	2	
1717 Wakonade Dr. 1	E, Welch Minnesota 55	6089	0407376				••
^····	Address		R	epair Organiza	ation P.O. N	o., Job No., etc	
Work Performed by Owner			Type Code	Symbol Stamp	D N/A		
Same	Name		Authorizati	on	N/A		-
· · · · · · · · ·	Address		Expiration		, N/A		
Identification of System A	\F		Code Class		3	1	· ·
(a) Applicable Construction C	ode B31.1		1967		Editi	ion in the transformed	
·	the Addenda		Code Case				
(c) Applicable Section XI Cool Identification of Components Component Name	Manufacturer	Manufacturer	Nat'i Bd #	Other ID	Yr Built	Corrected,	
Identification of Components		Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	Code
Identification of Components	Manufacturer		Nat'l Bd #	Other ID 6-MS-8	Yr Built	Removed, or	Code
Identification of Components Component Name	Manufacturer		Nat'l Bd #		Yr Built	Removed, or Installed	ASME Code Stamp
Identification of Components Component Name	Manufacturer		Nat'i Bd #		Yr Built	Removed, or Installed	Code
Identification of Components Component Name AF piping	Manufacturer Name	Serial #		6-MS-8	Yr Bullt	Removed, or Installed	Code
Identification of Components Component Name	Manufacturer	Serial #		6-MS-8	Yr Built	Removed, or Installed	Code
Identification of Components Component Name AF piping Description of Work Tests conducted;	Manufacturer Name Corrected piping cont	Serial #	re disc holding Nominal	6-MS-8 g flanges.	ssure \checkmark	Removed, or Installed Corrected	Code Stamp
Identification of Components Component Name AF piping Description of Work Tests conducted:	Manufacturer Name Corrected piping cont Hydrostatic	Serial #	re disc holding Nominal	6-MS-8 g flanges. Operating Pre	ssure V	Removed, or Installed Corrected Exemp	Code Stamp
Identification of Components Component Name AF piping Description of Work Tests conducted:	Manufacturer Name Corrected piping cont Hydrostatic	Serial #	re disc holding Nominal	6-MS-8 g flanges. Operating Pre	ssure V	Removed, or Installed Corrected Exemp	Code Stamp
Identification of Components Component Name AF piping Description of Work Tests conducted:	Manufacturer Name Corrected piping cont Hydrostatic	Serial #	re disc holding Nominal	6-MS-8 g flanges. Operating Pre psi Test Te	ssure V	Removed, or Installed Corrected Exemp NOT	Code Stamp
Identification of Components Component Name AF piping Description of Work Tests conducted:	Manufacturer Name Corrected piping cont Hydrostatic Other Other m of lists, sketches, or	Serial #	re disc holding Nominal IP	6-MS-8 g flanges. Operating Pre psi Test Te	ssure 🖌	Removed, or Installed Corrected Exemp NOT	Code Stamp

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Certificate of Authorization No. A Expiration Date
Signed, ASME Program Engineer Date,,,
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>OF OF</u> to <u>OF OF</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date 27 , 2004 Commissions National Board, Province and Endorsements

			τ. τ. κ . τ	• •			ITEM 1-22-09	9 1 .
Owner	Nuclear Management	Company, LLC		Date 12	2/1/2004			
Plant ·	Praire Island Nuclear	Name Generating Plant	·····	Sheet	1	of	. 2	
	1717 Wakonade Dr. E	Name 5, Welch Minnesota 55	089	0305017				
Work Per	formed by Owner	Address			epair Organiza Symbol Stamp		lo., Job No., etc	• •
	Same	Name	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Authorizati		N/A		
,·		Address	, <u>, , , , , , , , , , , , , , , ,</u>	 Expiration I Code Class 	·	N/A		4
• · · ·					•	` <u> </u>	•	
(a) Applic (b) Appli	cable Construction	ode B31.1 Addenda		1967 Code Case	•	Editi		•
(a) Applic (b) Appli (c) Appli	cable Construction C	ode B31.1 Addenda tion XI Utilized for Re le Cases N-416-2		1967 Code Case		Editi		•
(a) Applic (b) Appli (c) Appli Identifica	cable Construction Co icable Edition of Sect icable Section XI Cod	ode B31.1 Addenda tion XI Utilized for Re le Cases N-416-2		1967 Code Case		Editi		ASME Code Stamp
(a) Applic (b) Appli (c) Appli Identifica Compone	cable Construction Co icable Edition of Sect icable Section XI Cod ation of Components	ode B31.1 Addenda tion XI Utilized for Re le Cases N-416-2 Manufacturer	pair/Replacemen Manufacturer Serial #	1967 Code Case nt Activity Nat'l Bd #	1989 With N	Editi - Io Addenda	Corrected, Removed, or	Code
(a) Applic (b) Appli (c) Appli Identifica Compone Charging	cable Construction Co icable Edition of Sect icable Section XI Cod ation of Components ent Name	ode B31.1 Addenda tion XI Utilized for Re le Cases N-416-2 Manufacturer Name	pair/Replacemen Manufacturer Serial # 501148	1967 Code Case nt Activity Nat'l Bd #	1989 With N Other ID	Editi - Io Addenda	Corrected, Removed, or Installed	Code Stamp
(a) Applic (b) Appli (c) Appli Identifica Compone Charging	cable Construction Co icable Edition of Sect icable Section XI Cod ation of Components ent Name line isolation valve	ode B31.1 Addenda tion XI Utilized for Re le Cases N-416-2 Manufacturer Name Rockwell Edwards	pair/Replacemen Manufacturer Serial # 501148	1967 Code Case nt Activity Nat'l Bd #	1989 With N Other ID RC-1-18	Editi - Io Addenda	Corrected, Removed, or Installed Removed	Code Stamp
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information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-091
9. Remarks
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Certificate of Authorization No. N/A Expiration Date
$\Omega \Lambda$
Signed, ASME Program Engineer Date/04
Owner or Owner's Designee , Title
······································
CERTIFICATE OF INSERVICE INSPECTION
I the undersigned, holding a valid commission issued by the National Poard of Pailor and Pressure Vessel
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province ofMinnesota and employed
by HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have
inspected the components described in this Owner's Report during the period <u>ofocroy</u> to
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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
property damage or a loss of any kind arising from or connected with this inspection.
Line D. O. Commissions JE 1985 ANI MY 21924
Inspector's Signature National Board, Province and Endorsements
Date Alcomber A. Looy

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Name Sheet 1 of 2 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 WO-0407875 Address Repair Organization P.O. No., Job No., etc /ork Performed by Owner Type Code Symbol Stamp N/A Same Authorization N/A Address Expiration Date N/A dentification of System MS Code Class Z a) Applicable Construction Code B31.1 1967 Edition Addenda Code Case Code Case Edition (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Corrected, Removed, or Installed c(c) Applicable Section XI Code Cases None Manufacturer Manufacturer Naria # Other ID Yr Built Corrected, Removed, or Installed fain Steam Line Manufacturer Manufacturer 30-MS-2 Corrected, Corrected				·····		• • •		ITEM 1-22-0	93
Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 WO-0407875 Work Performed by Owner Address Repair Organization P.O. No., Job No., etc Name Address Repair Organization P.O. No., Job No., etc Same Address Repair Organization P.O. No., Job No., etc Name Address Repair Organization P.O. No., Job No., etc Same Address Expiration Date N/A Identification of System MS Code Class 2 (a) Applicable Construction Code B31.1 1957 Edition Addenda Code Case Edition Edition (c) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Identification of Components Component Name Manufacturer Manufacturer Nat'l Bd # Other ID Yr Bullt Corrected, Removed, or Installed Main Steam Line Image: State St	Owner	Nuclear Managemen	t Company, LLC		Date 1	1/2/2004			
Name WO-0407875 Address Repair Organization P.O. No., Job No., etc Work Performed by Owner Name Authorization Same Authorization Address Expiration Date Address Code Class Identification of System MS Code Class 2 (a) Applicable Construction Code B31.1 Addenda Code Case (b) Applicable Edition of Section XI Utillized for Repair/Replacement Activity 1989 With No Addenda (c) Applicable Section XI Code Cases None Identification of Components Manufacturer Manufacturer Manufacturer Name Serial # Other ID Yr Built Corrected, Removed, or Installed Main Steam Line 30-MS-2	Plant	Praire Island Nuclear		· · · · · · · · · · · · · · · · · · ·	Sheet		of	. 2	
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Tests conducted: Hydrostatic Pneumatic Nominal Operating Pressure Exemption	Tests C	onducted.	nyurostatic	· · · ·	• • • • •			Exemp	
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEME	NT ACTIVITY
9. Remarks	ITEM 1-22-093
CERTIFICATE OF COMPLIANCE	· · · <u>· · · · · · · · · · · · · · · · </u>
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME	Code, Section XI.
Type Code Symbol Stamp	• • •
Certificate of Authorization No. 2/14Expiration Date	;
Signed ASME Program Engineer Date 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 Pre- Inspectors and the State or Province of <u>Minnesota</u>	ssure Vessel
by HSB Insp. and Ins. Co. of Connecticut of Hartford Conn.	have
inspected the components described in this Owner's Report during the period <u>osocroy</u> <u>oyNovoy</u> , and state that to the best of my knowledge and belief, the Owner has per	to
examinations and taken corrective measures described in this Owner's Report in accordance	
requirements of the ASME Code, Section XI.	• • • • • •
By signing this certificate neither the Inspector nor his employer makes any warranty, implied, concerning the examinations and corrective measure described in the Owner's Furthermore, neither the Inspector nor his employer shall be liable in any manner for any pers property damage or a loss of any kind arising from or connected with this inspection.	Report.
tura Oll Commissions NB 17085 ANI MA 21924	· · · · · · · · · · · ·
Inspector's Signature National Board, Province and	
Date	
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	Owner	Nuclear Managemen	Company, LLC		Date 1	1/2/2004			<i></i>
	Plant	Praire Island Nuclear		· · · · ·	···· Sheet	1	of	2	
		1717 Wakonade Dr. I	Name E, Welch Minnesota 5	5089	WO-04078	74	•	 	
	Work Pe	erformed by Owner	Address	· · · · · · · · · · · · · · · · · · ·	F	Repair Organiza	ation P.O. N	lo., Job No., etc	;
	WOIKTE		Name			Symbol Stam	 	<u> </u>	
		Same	••	· · · · · · · · · · · · · · · · · · ·	Authorizat	• •	N/A		
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	(b) App	licable Edition of Sec			· • • •	1989 With N	- Io Addenda	· · · · ·	
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	(c) App		tion XI Utilized for Re le Cases <u>None</u>		· • • •	· · · · · ·	- lo Addenda		
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ſ	(c) Appl Identific	licable Section XI Coc cation of Components	tion XI Utilized for Re le Cases <u>None</u>	epair/Replaceme	nt Activity	1989 With N Other ID		· · · · · · · · · · · · · · · · · · ·	
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9. Remarks			ITEM 1-22-094
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······································	CERTIFIC	ATE OF COMPLIANCE	
We certify that the statements Type Code Symbol Stamp	made in the report are co \mathcal{N}/\mathcal{A}	rrect and this conforms to the requirements of	
Certificate of Authorization No.	NIA		
Signed	/, A	SME Program Engineer Date 11/2/	04
	CEDTIEICATE		
	UERTIFICATE	OF INSERVICE INSPECTION	
Inspectors and the State of	or Province of	sued by the National Board of Boile	and employed
Inspectors and the State of by HSB Insp. and Ins. Co. of	or Province of	OfHartford Conn	and employed
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY ITEM 1-22-095 Nuclear Management Company, LLC Date 11/30/2004 1. Owner Name Plant Praire Island Nuclear Generating Plant 2. 1 2 Sheet of Name 0400020 1717 Wakonade Dr. E, Welch Minnesota 55089 Address Repair Organization P.O. No., Job No., etc 3. Work Performed by Owner Type Code Symbol Stamp N/A Name N/A Authorization Same 10.00 Ξ, **Expiration Date** N/A Address 2 Identification of System vc Code Class 4. **..** . · · · · · · · · · (a) Applicable Construction Code B16.34 Edition 5. Addenda **Code Case** (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda None (c) Applicable Section XI Code Cases Identification of Components 6.

:	Component Name	Manufacturer 🐄 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
,	RCP Seal Rtrn. Isolation Valve	Aloyco	4 - 4 - 4	4	MV-32199	·	Corrected	
	-					• • • • • • • • • • • • • • • • • •	· · · · · ·	
7.	Description of Work	Replaced body to bor	nnet fastener.		· · · ·	· · ·	· · · · ·	·.
8.			Pneumatic	• • • • •	Operating Pre			ot <mark>∕</mark> ∕

Other:

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-095
Remarks
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp Certificate of Authorization No. Certificate of Authorizati
Signed, ASME Program Engineer Date,,,
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 spectors and the State or Province of <u>Minnesota</u> and employed
HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have
spected the components described in this Owner's Report during the period <u>08 oct ou</u> to 21 <u>Decou</u> , and state that to the best of my knowledge and belief, the Owner has performed
aminations and taken corrective measures described in this Owner's Report in accordance with the
quirements of the ASME Code, Section XI.
signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
plied, concerning the examinations and corrective measure described in the Owner's Report.
rthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
operty damage or a loss of any kind arising from or connected with this inspection.
()Inspector's Signature Commissions <u>NB 12015 MI MA 21921</u> National Board, Province and Endorsements
ate A Verenber 21, 1004

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	FOR		AIRIE ISLAND INER'S REP						/ITY
•••	· · ·		• • • • • •			• •	· .	ITEM 1-22-0	96
•	Owner	Nuclear Manageme	nt Company, LLC		Date	12/14/2004		- , ,	
	Plant	Praire Island Nuclea	Name ar Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr.	Name . E, Welch Minnesota	55089	0407857				
	Mark Da	rformed by SGT L	Address		• • • • • •	Repair Organiza	ation P.O. N	lo., Job No., etc	;
	work Per		Name	· · · · · ·	Type Cod	e Symbol Stamp	P NPT		
		400 S. Tyron St., Su	ite 2100, Charlotte, N	IC 28285	· Authoriza	tion	N-3090)-1	
	•		Address	· · · · · · · · · · · · · · · · · · ·	Expiration		6/4/07		
	Identifica	ation of System	CL	· · · · · · ·	Code Clas	SS	3		
	(a) Appli	cable Construction	Code B31.1	,	1967	15 1	Edit	ion	. '
		· · ···	Addenda		Code Cas	e '``		- ·	
		ation of Component ent Name	S Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	Cooling w	vater line		<u>· · · · · · · · · · · · · · · · · · · </u>		4-CL-50		Corrected	
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY

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CERTIFICATE OF COM	PLIANCE
Ve certify that the statements made in the report are correct and this con	
Type Code Symbol Stamp	
<u>~/4</u>	
<u> </u>	Date
Certificate of Authorization NoExpiration	

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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>Minnesota</u> to <u>OSJANOS</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Date OS , 2005 Commissions National Board, Province and Endorsements

	· · · · · ·	·· • •· •			• - •	ITEM 1-22-0	97
Owner Nuclear Management C	Company, LLC		Date 11	/30/2004			• 、 •
Plant Praire Island Nuclear G		· · · <u>·</u> · · ·	- Sheet	1	of	- 2	
1717 Wakonade Dr. E,	•Name Welch Minnesota 55	089	0407938, El	EC-1546		· • - ·	
Nork Performed by Owner	Address			epair Organiza Symbol Stam		o., Job No., etc	
Same	Name	· · · · · · · · · · · · · · · · · · ·	Authorizati	on <u>12</u> 55	N/A		
A Identification of System	ddress	1 h 2nu	Expiration I Code Class		N/A 1	·	· <u>·</u>
(a) Applicable Construction Cod (b) Applicable Edition of Section	Addenda	pair/Replaceme	Code Case	1989 With N	Editi - Io Addenda		
(c) Applicable Section XI Code	Cases None						
	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		•	
Identification of Components	·····		· · · · · · · · · · · · · · · · · · ·				
	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Identification of Components Component Name Hi/Lo Head SIS to 12 RX Vessel	Manufacturer		Nat'l Bd #	Other ID SI-9-5	Yr Built	Removed, or	Code
Identification of Components Component Name Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve	Manufacturer Name	Serial #	Nat'l Bd #		Yr Built	Removed, or Installed	Code Stamp
Identification of Components Component Name Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve Description of Work	Manufacturer Name Velan Replaced the disc ass	Serial #				Removed, or Installed	Code Stamp
Identification of Components Component Name Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve Description of Work <u>F</u> Tests conducted: H	Manufacturer Name Velan Replaced the disc ass	Serial #	Nominal	SI-9-5	ssure	Removed, or Installed Corrected	Code Stamp
Identification of Components Component Name Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve Description of Work <u>F</u> Tests conducted: H	Manufacturer Name Velan Replaced the disc ass Hydrostatic	Serial #	Nominal	SI-9-5 Operating Pre	ssure	Removed, or Installed Corrected	Code Stamp
Identification of Components Component Name Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve Description of Work <u>F</u> Tests conducted: H	Manufacturer Name Velan Replaced the disc ass Hydrostatic Other Other eted under SP 1092D of lists, sketches, or	Serial #	Nominal will be conduct used, provided nd (3) each she	SI-9-5 Operating Pre psi Test Te tted during SP	ssure mp 1070. /2 in. x 11 ir	Removed, or Installed Corrected Exemp	Code Stam

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-097
. Remarks
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization No. AA Expiration Date
Signed, ASME Program Engineer Date
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
nspectors and the State or Province of <u>Minnesota</u> and employed y <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have
ospected the components described in this Owner's Report during the period <u>09 ccrou</u> to 03JANGS, and state that to the best of my knowledge and belief, the Owner has performed
xaminations and taken corrective measures described in this Owner's Report in accordance with the
equirements of the ASME Code, Section XI.
ly signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
nplied, concerning the examinations and corrective measure described in the Owner's Report. urthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
roperty damage or a loss of any kind arising from or connected with this inspection.
terood P.O.g. Commissions NB Mors ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date donuary 03, 2004
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	M NIS-2 OWN		NUCLEAR O DRT FOR I		,			/ITY
					· · · ·	· · ·	ITEM 1-22-0	99
Owner	Nuclear Management	Company, LLC	۰ مرد م	Date 1/	3/2005	•• •	··· , •	
Plant	Praire Island Nuclear C	Name Generating Plant	<u> </u>	Sheet	1	of	2	
•	1717 Wakonade Dr. E.	Name Welch Minnesota 5	5089	0408070		• •		
	· · · · · · · · · · · · · · · · · · ·	Address	<u> </u>	R	epair Organiza	tion P.O. N	lo., Job No., etc	;
Work Per	formed by Owner	Name	•••• ••••	Type Code	Symbol Stamp	⁻ N/A	· · ·	
	Same	Name		· Authorizatio	on 😳	N/A		-
Identifica	ation of System VC	Address		- Expiration I Code Class		- N/A - 1		• .
(a) Applic	cable Construction Co	de B16.34		;	. · . \	Editi	ion	
		Addenda		Code Case	······································	<u> </u>		
(b) Appli	icable Edition of Secti		 epair/Replacemer		1989 With N	o Addenda		
	icable Section XI Code	· · · · · ·				· · ·		·
	ation of Components			· · · · ·				
			· · · · · · · · · · · · · · · · · · ·					·
Compone	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 Seal W	Vtr Injection Check (2")	Vogt .	<u> </u>		VC-8-5	·	Removed	
11 Seal W	Vtr Injection Check (2")	Vogt	670106990100	. 1	VC-8-5	2000	Installed	
Descript	tion of Work <u>F</u>	Replaced Check Valv						·
•	onducted: F	Hydrostatic 🔲 P	neumatic 🔲	Nominal Ope	erating Pressu	re 🔽	Exempt	
		-	neumatic PressureNO		si Test Tem			• F

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FORM NIS-2 OWNER'S REPORT FOR RE	PAIR/ REPLACEMENT ACTIVITY
Remarks	ITEM 1-22-099
CERTIFICATE OF COMP We certify that the statements made in the report are correct and this confor Type Code Symbol Stamp	-
Certificate of Authorization No. 1/A Expiration Da	ate
Signed, ASME Program Engi Owner or Owner's Designee , Title	ineer Date,,,
	INSPECTION
CERTIFICATE OF INSERVICE	· · · · ·

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>Minnesota</u> and employed
by HSB Insp. and Ins. Co. of Connecticut of Hartford Conn have
inspected the components described in this Owner's Report during the period <u>1200704</u> to
<u>28 bec ou</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Lucio D. D.l. Commissions NB 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date04_, 2005

:						ITEM 1-22-10	01
Nuclear Manageme	nt Company, LLC		Date 10/2	9/2004			. ·
Praire Island Nucles	Name ar Generating Plant	· · · · · · · · · · · · · · · · · · ·	- Sheet	- 1	of	2	•
1717 Wakonade Dr	Name . E, Welch Minnesota 550)89		C-1554	· · · ·	· · · ·	
- <u> </u>	Address		Re	pair Organizat	tion P.O. No	o., Job No., etc	
• <u> </u>			Type Code S	ymbol Stamp	<u>N/A</u>		
Same	Maine M		Authorizatio	n	N/A		
	Address	·			<u>N/A</u>		
-	······································		Code Class	<u> </u>		,	
icable Construction	Code B16.34	<u> </u>		Edition			
· Add	enda	<u></u>	Code Cases	· ·	<u> </u>	<u> </u>	
			ļ			Installed	Code Stam
Water HX Inlet	Grinnel		ļ	VC-6-3	ļ	Corrected	
tion of Work	Replaced the valve bo	nnet and fastener	s	· .		······	
onducted:	Hydrostatic 🗂 🏾 Pne	eumatic⊡ ['] N	ominal Opera	tina Pressure	Exem	ot 🔽	
						in F	
	Other Pre	ssure	psi	Test Temp.			
							•
·	· · · · · · · · · · · · · · · · · · ·			· · ·	·**		
plemental sheets in fo	orm of lists, sketches, or o ded on each sheet, and ()	drawings may be 1 3) each sheet is n	used, provided umbered and r	(1) size is 8 1 a	/2 in. x 11 in	., (2) information ed at the top of th	in item
on this report is inclu	ded on each sheet, and (3) each sheet is n	umbered and r	number of shee	ets is record	ed at the top of th	nis form
on this report is inclu	ded on each sheet, and (3) each sheet is n	umbered and r	number of shee	ets is record	ed at the top of th	nis form
on this report is inclu	ded on each sheet, and (3) each sheet is n	umbered and r	number of shee	ets is record	ed at the top of th	nis form
	Praire Island Nuclea 1717 Wakonade Dr Irformed by Owner Same S	Praire Island Nuclear Generating Plant Name 1717 Wakonade Dr. E, Welch Minnesota 550 Address Addenda Licable Construction Code B16.34 Addenda Licable Edition of Section XI Utilized for Replicable Section XI Code Cases None Same Manufacturer Name Manufacturer Vame Manufacturer Name Manufacturer Same Manufacturer Name Manufacturer	Name Praire Island Nuclear Generating Plant Name 1717 Wakonade Dr. E, Welch Minnesota 55089 Address rformed by Owner Name Same Address Address are Address Addenda Licable Edition of Section XI Utilized for Repair/Replacement icable Section XI Code Cases None ation of Components onent Name Manufacturer Name Serial # Water HX Inlet Grinnel otion of Work Replaced the valve bonnet and fastener	Name Sheet Praire Island Nuclear Generating Plant Sheet Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0408126, EE Address Re Address Re Address Authorizatio Same Authorizatio Expiration D Code Class icable Construction Code B16.34 Addenda Code Cases licable Edition of Section XI Utilized for Repair/Replacement Activity icable Section XI Code Cases None ation of Components Manufacturer Mame Manufacturer Name Nat'l Bd # Water HX Inlet Grinnel ption of Work Replaced the valve bonnet and fasteners.	Name Sheet 1 Praire Island Nuclear Generating Plant Sheet 1 1717 Wakonade Dr. E, Welch Minnesota 55089 0408126, EEC-1554 Address Repair Organizal rformed by Owner Type Code Symbol Stamp Name Address Authorization Same Address Expiration Date Same Code Class 2 icable Construction Code B16.34 Edition Addenda Code Cases 1989 With N icable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With N icable Section XI Code Cases None ation of Components Serial # Nat'l Bd # Other ID Water HX Inlet Grinnel VC-6-3 VC-6-3	Name Organization Organization Organization Organization Nome 1717 Wakonade Dr. E, Welch Minnesota 55089 0408126, EEC-1554 Repair Organization P.O. No Address Repair Organization P.O. No Name N/A Address Type Code Symbol Stamp N/A Same Address Expiration Date N/A Address Code Class 2 icable Construction Code B16.34 Edition Addenda Code Cases Incable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda icable Section XI Code Cases None Incable Edition of Components Incable Section XI Code Cases None water HX Inlet Grinnel VC-6-3 VC-6-3 Incable Edition of Work	Name Orf 2 Praire Island Nuclear Generating Plant Sheet 1 of 2 Name Name 0408126, EEC-1554 1 2 1717 Wakonade Dr. E, Welch Minnesota 55089 0408126, EEC-1554 Repair Organization P.O. No., Job No., etc Address Repair Organization P.O. No., Job No., etc Type Code Symbol Stamp N/A Same Address Expiration Date N/A Address Code Class 2 1 icable Construction Code B16.34 Edition N/A Addenda Code Cases

PRAIRIE ISLAND NUCLEAR GENERATING PLANT					
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY					
ITEM 1-22-101					
9. Remarks					
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.					
Type Code Symbol Stamp $\sqrt{/A}$					
Certificate of Authorization No. NIA Expiration Date					
Signed ASME Program Engineer Date Date					
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have					
inspected the components described in this Owner's Report during the periodOCTOY to O/ NOV by, and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report.					
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.					
Commissions J& 12085 AU MJ 21924					
Inspector's Signature National Board, Province and Endorsements					
Date Yournhes_ 01, 2004					

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	FORM	PRAII M NIS-2 OWN	RIE ISLAND ER'S REPC						IT.Y
								ITEM 1-22-1	02
	Owner	Nuclear Management C	Company, LLC		Date 1/1:	3/2005			·
2.	Plant \cdots	Praire Island Nuclear G	Name Senerating Plant	· · · · ·	Sheet	1	of	2 .	
		1717 Wakonade Dr. E,	Name Welch Minnesota 5	5089	- 0408112				
•	Address Work Performed by Owner				Repair Organization P.O. No., Job No., etc Type Code Symbol Stamp N/A				
		Same	Name		Authorizatio	็ก	N/A	- ·	·
	Identific	ation of System V	Address C	esta atut et e	Expiration D Code Class	1	<u>N/A</u>		
5.	(a) Appli	icable Construction Co	de B31.1	9	1967	Edition			
		Addenc icable Edition of Sectio			Code Cases	 1989 With N	• Addondo	· · · ·	
•		ation of Components nent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built -	Corrected, Removed, or Installed	ASME Code Stamp
	VC Syst	tem Hanger			1 -	1-RCVCH- 896		Corrected	
г. в.	1	- onducted: F			lominal Opera psi	ting Pressure Test Temp.		ot 🔽 • F	••••
N 1	OTE: Supp through 6	plemental sheets in form on this report is included	l on each sheet, and	(3) each sheet is i	numbered and	number of shee	ts is recorde	ed at the top of t	his form.
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-102
9. Remarks n/a
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization No. //A Expiration Date
Signed ASME Program Engineer Date Date
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have
inspected the components described in this Owner's Report during the period
13 JAN 05, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the
requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or
implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of
property damage or a loss of any kind arising from or connected with this inspection.
Date January 13, 2005

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Owner	Nuclear Management C			Date 11	/18/2004			· • •	
Plant	Praire Island Nuclear G	Name		Sheet	· · · · · · ·	of.		•••	
	Name 1717 Wakonade Dr. E, Welch Minnesota 55089			0408118					
•		Address	,,	R	epair Organiza	tion P.O. N	o., Job No., etc		
Work Pe	erformed by · Owner	Name	· · · · · · · · · · · · · · · · · · ·	Type Code	Symbol Stamp	N/A		· • •	
	Same		and the second second second second second second second second second second second second second second second	Authorizatio		N/A	N/A		
1.1	••••		suprime in t	Expiration 1	· · ·	<u>N/A</u>			
	cation of System SI	· · · · · · · · · · · · · · · · · · ·		Code Class		2	·	<u>11 .</u>	
(a) Appl	icable Construction Co	de B31.1	,	1967		Editi	ion · · ·	,	
	· '.	Addenda		Code Case		2	•	t .	
Compoi	nent Name	Manufacturer · Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stam	
SI Syste	m Hanger	· · · · · ·	••••••		1-SIH-36		Corrected ,		
Descri	ption of Work	Repaired box suppor					· · · · · · · · · · · · · · · · · · ·		
Descri	conducted:	Hydrostatic 🗔 📖	Pneumatic [_]	Nominal	Operating Pres	sure 🖂	Exemp		
	· · ·				< 7 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1	·			
	• • •		Drocettro	· · · · · · · · · · · · · · · · · · ·	psi 👘 Test Te	mp.		°F	
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	· · ·		iet n <u>ieus</u> king.		· · · · · · · · · · · · · · · · · · ·	· · · · ·	:	-	

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT	ACTIVITY
9. Remarks	1-22-103
	······································
· · · · · · · · · · · · · · · · · · ·	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code Type Code Symbol Stamp	, Section XI.
Certificate of Authorization No. N/A Expiration Date	
Signed ASME Program Engineer Date Date	
Owner's Designee , Title	<u> </u>
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure	
Inspectors and the State or Province of Minnesota of Hartford Conn.	and employed have
inspected the components described in this Owner's Report during the period <u>JI or o Y</u>	to
19 Nov oy, and state that to the best of my knowledge and belief, the Owner has performed	
examinations and taken corrective measures described in this Owner's Report in accordance with t	he
requirements of the ASME Code, Section XI.	i
By signing this certificate neither the Inspector nor his employer makes any warranty, expre	ssed or
implied, concerning the examinations and corrective measure described in the Owner's Repo	
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal in	
property damage or a loss of any kind arising from or connected with this inspection.	
Aune P. Oal Commissions NBIRORS ANI MA J1924	
Inspector's Signature Commissions National Board, Province and Endo	rsements
Date yovember 19 2004	

1	PI FORM NIS-2 OV	RAIRIE ISLAND N NNER'S REPOR				-		ΙTY
			••••••				ITEM 1-22-1	04
1.	Owner Nuclear Manager	nent Company, LLC		Date 1/13	3/2005			•
2.	Plant Praire Island Nuc	Name Name Ilear Generating Plant		Sheet	1	of	. 2	
		Name Dr. E, Welch Minnesota 550	89	0408114	• •		••••	
. 1	Work Performed by Owr	Address	••••••••••••••••••••••••••••••••••••••		pair Organizat Symbol Stamp	ion P.O. No N/A	., Job No., etc	•
	San	Name		Authorizatio	·	<u>N/A</u>	- ••	
	Identification of System	Address SI		Expiration D Code Class	ate 1	<u>N/A</u>		• .
i.	(a) Applicable Constructio	on Code B31.1	··· · · · · · · · · · · · · · · · · ·	1967	Edition	,	· · · ·	-
		ddenda Section XI Utilized for Repa		Code Cases	1989 With No			:
	(c) Applicable Section XI (Identification of Compone Component Name	Code Cases None	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or	ASME Code
		Name					Installed	Stamp
	SI System Hanger				1-RSIH-415		Corrected	
B. Oti	Description of Work Tests conducted: her: n/a			ominal Opera psi	ting Pressure Test Temp. -	, .	ot 🔽 ° F	•
NC 1 ti	DTE: Supplemental sheets ir hrough 6 on this report is inc	n form of lists, sketches, or d cluded on each sheet, and (3) each sheet is n	umbered and i	number of shee	ts is recorde	ed at the top of t	his form.
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
ITEM 1-22-104
9. Remarks n/a
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp <u>N/4</u>
Certificate of Authorization No. KIA Expiration Date
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have
inspected the components described in this Owner's Report during the period <u>JICTO4</u> to <u>IJJAUOS</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 measure described in the Owner's Report.
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
trap P.O.I Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date 13, 2005

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-105

1.	Owner	Nuclear Management C	Company, LLC		Date 11	/8/2004			۰,
. 2.	Plant	Praire Island Nuclear G	Name Senerating Plant	· · · · · · · · · · · · ·	Sheet	1.	of		_
		1717 Wakonade Dr. E,	Name Welch Minnesota 55	5089	 0408152, Si	PCE-ME-0453			۰.
			Address		R	epair Organizat	tion P.O. N	o., Job No., etc	
3.	Work Per	rformed by Owner		· · · · · · · ·	Type Code	Symbol Stamp	N/A		
		Same	Name	میں در ایک سریت اڈی دائر کر د	Authorizati	on	N/A		<u> </u>
		-	Address	· · · · · · · · · · · · · · · · ·	Expiration		N/A	· ·	
4.	Identifica	ation of System VC			Code Class		2	· · · ·	к.
5.	(a) Appli	cable Construction Co	de n/a	,	n/a		Editi	ion ¹	
		. ·	Addenda n/a	a	Code Case	n/a	_	,	
	- (h) Amml	Nachla Edition of Conti				1989 With N	- ·		
	(b) Appi	licable Edition of Section	on XI Utilized for Re	pair/Replacemen	It ACTIVITY	1989 With N	o Addenda		
	(c) Appi	licable Section XI Code	Cases None						
6.	Identific	ation of Components		• • •				-	
	Compon	ent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built.	Corrected, Removed, or Installed	ASME Code Stamp
-	12 BATP	,	Goulds	792A190-2		145-612		Corrected ;	
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7.	Descrip	otion of Work <u>F</u>	Replaced the mechan	nical seal gland pla	ate.	· · · · ·		-	
8.	Tests c	onducted:	Hydrostatic 🗌	Pneumatic	Nominal	Operating Pres	sure	Exemp	t 🖸
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	her: n/a		Dther 🔄	Pressure	••• ::	psi Test Ter	np	· · · ·	°F - ुक

PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks n/a
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
Certificate of Authorization No Expiration Date
Signed, ASME Program Engineer Date/8 /04,
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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>12xxxv4</u> to <u>12xbv04</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Commissions <u>NB / Coss ANI</u> MA 21924 Inspector's Signature National Board, Province and Endorsements
Date / overseen 12 , 2004

ITEM 1-22-107 Owner Nuclear Management Company, LLC Date 1/11/2005 Name 1 of 2 Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0408547 Repair Organization P.O. No., Job No., etc Work Performed by Owner Name N/A Repair Organization P.O. No., Job No., etc Work Performed by Owner Name Address Repair Organization P.O. No., Job No., etc Same Address Code Class Z N/A Identification of System VC Code Class Z (a) Applicable Construction Code n/a n/a Edition Address None Name Code Case n/a (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Corrected, Removed, or Installed Identification of Components Manufacturer Manufacturer Nat'l Bd # Other ID Yr Built Corrected, Stamp 13 Charging Pump Ajax 145-043 Corrected Stamp	FOR	M NIS-2 OWN	RIE ISLAND N IER'S REPC						/ITY
Name Sheet 1 of 2 Image: Name Name 0408547 Image: Name Address Repair Organization P.O. No., Job No., etc Work Performed by Owner N/A Same Address Repair Organization P.O. No., Job No., etc Marke Address Repair Organization P.O. No., Job No., etc Same Address Repair Organization P.O. No., Job No., etc Marke Address Repair Organization P.O. No., Job No., etc Same Address Repair Organization P.O. No., Job No., etc Marke Address Repair Organization P.O. No., Job No., etc Same Address Expiration Date N/A Identification of System VC Code Class 2 (a) Applicable Construction Code n/a , n/a Edition Addeenda n/a Code Case N/A (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Corrected, Installed Identification of Components Manufacturer Nat'I Bd # Other ID Yr Built Corrected, Installed 13 Charging Pump <th></th> <th></th> <th>•</th> <th></th> <th></th> <th></th> <th>· · ·</th> <th>ITEM 1-22-1</th> <th>07</th>			•				· · ·	ITEM 1-22-1	07
Plant Praire Island Nuclear Generating Plant Sheet 1 of 2 Name Name 0408547 Address Repair Organization P.O. No., Job No., etc Work Performed by Owner Type Code Symbol Stamp N/A Same Address Type Code Symbol Stamp N/A Address Explication Date N/A Identification of System VC Code Class 2 (a) Applicable Construction Code n/a , n/a Edition (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda Corrected, Removed, or Setang ASME Identification of Components Name Manufacturer Nat'l Bd # Other ID Yr Built Corrected, Removed, or Code Code Identification of Components Name Serial # Nat'l Bd # Other ID Yr Built Corrected, Removed, or Stamp 13 Charging Pump Ajax 145-043 Corrected Code Description of Work Replaced assemblies 19, 20, 21 with rebuilt assemblies 7, 8, and 9. Exempt • F Tests conducted: Hydrostatic <	Owner	Nuclear Management C	Company, LLC	المريحة المراجع المراجع	Date 1/	11/2005			•
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Other Pressure psi Test Temp. ° F	Descri		- N + F + F + F + F + F + F + F + F + F +						
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	AND NUCLEAR GENERATING PLANT PORT FOR REPAIR/ REPLACEMENT ACTIVITY
	ITEM 1-22-107
Remarks	· · · · · · · · · · · · · · · · · · ·
<u> </u>	
	TIFICATE OF COMPLIANCE
	t are correct and this conforms to the requirements of the ASME Code, Section XI.
Type Code Symbol Stamp	
Certificate of Authorization No//A	Expiration Date
\mathcal{O}	
Signed	, ASME Program Engineer Date,,,
Owner or Owner's Design	nee, me

I	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>Minnesota</u> and employed by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>ISN0404</u> to <u>ILJAN05</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 measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	Irfspector's Signature Commissions National Board, Province and Endorsements
	Date, <u>2005</u>

							ITEM 1-22-1	08
Owne	r Nuclear Managemen	t Company, LLC		Date 1/1	3/2005			
Plant	Praire Island Nuclear	Name Generating Plant		Sheet	1		2	
		Name		-		of		
		E, Welch Minnesota 550 Address		0408797 	enair Organiza	tion P.O. No	o., Job No., etc	<u> </u>
Work	Performed by Owner		<u> </u>		Symbol Stamp		., 005 110., 010	
	Same	Name		Authorizatio	on	N/A		
		Address		Expiration I	Date	 N/A		
Identi	•	RV	. Ľ.	Code Class	1		•	
(a) Ap	pplicable Construction C	ode ASME III	······································	1965	Edition	``		
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(b) Aj	pplicable Edition of Sect	tion XI Utilized for Rep	air/Replacement	Activity	1989 With N	o Addenda		
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY	' :
ITEM 1-22-108	
Remarks	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.	
Type Code Symbol Stamp N/A Certificate of Authonization Re. N/A Expiration Date	-
Certificate of Authonization to Expiration Date Signed, ASME Program Engineer Date	-
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 and employee and the State or Province of <u>Minnesota</u> and employee	ed
y HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have have have to	
<u>13 Jan os</u> , and state that to the best of my knowledge and belief, the Owner has performed xaminations and taken corrective measures described in this Owner's Report in accordance with the	
equirements of the ASME Code, Section XI.	
y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or	
nplied, concerning the examinations and corrective measure described in the Owner's Report. urthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of	
roperty damage or a loss of any kind arising from or connected with this inspection.	
Commissions <u>NB 1/085 ANI MN 21924</u> Inspector's Signature National Board, Province and Endorsements	-
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	· · · ,	· · ·				·		ITEM 1-22-1	10
1.	Owner	Nuclear Management	Company, LLC	· · · · ·	Date 1	/21/2005		· · ·	
2.	Plant	Praire Island Nuclear (Name Generating Plant		Sheet	1	of	2	
		1717 Wakonade Dr. E	Name Welch Minnesota 5	5089	0408838	- 			
3.	Work Pe	rformed by Owner	Address	· · · ·				lo., Job No., etc	
		· · · · · · · · · · · · · · · · · · ·	Name		Type Code	Symbol Stamp	> N/A N/A		
		Same		· · · · · · · · · · · · · · · · · · ·	Expiration		N/A		
4.	Identific	ation of System RC	Address C		Code Clas		1		
5.	(a) Appl	icable Construction Co	ode B16.34	 ,		· · · · · · · · · · · · · · · · · · ·	Edit	ion	
			Addenda	······································	Code Case	· · ·	<u> </u>	· .	
	(b) App	licable Edition of Secti	on XI Utilized for R	epair/Replaceme	nt Activity	1989 With N	- Io Addenda		
	(c) App	licable Section XI Code	e Cases None	* -	•	•	. *	<u> </u>	
6.		ation of Components	<u></u>						
	Compor	nent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
	1 Pressu valve	reizer PORV control	Copes Vulcan			CV-31231	-1	Corrected	
· I		· · · ·	· · ·		1.			• • •	
7.	Descrip	otion of Work	Replaced plug and b	ody to bonnet fast	eners.				· · · ·
8.	Tests c		Hydrostatic □_	Pneumatic 🗔	Nominal Op	erating Pressu	ire 🔲	Exempt 🔽	
			Other 🗌	Pressure	1	psi Test Ten	np.		۰F
Oth	ner: Ex	ercise test.			·	•			
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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY
9. Remarks n/a
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp
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 Minnesota and employed by HSB Insp. and Ins. Co. of Connecticut of Hartford Conn, have inspected the components described in this Owner's Report during the period /9٨٨/٥٧ to
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Inspector's Signature Commissions Is flore and Endorsements Date January 28, 2005

	·						ITEM 1-22-1	11
Owner	Nuclear Management C	ompany, LLC		Date 1/2	/2005			
Plant	Praire Island Nuclear Ge	Name enerating Plant	· · · · · · · · · · · · · · · · · · ·	Sheet		of	2 .	
. .	1717 Wakonade Dr. E, V	Name Welch Minnesota 5	5089	- 0408894, EC	N 03RC02-ECI	N-01	· • ·	
Work Pe	rformed by Owner	Address	· · · · · · · · · · · · · · · · · · ·		pair Organizat Symbol Stamp	ion P.O. No <u>N/A</u>	o., Job No., etc	
	Same	Name .	e e e e estas A segura de la composición de la composición de la composición de la composición de la composición de la composi	Authorizatio	n	<u>N/A</u>		
	· · · · · · · · · · · · · · · · · · ·	Address		Expiration D	ate	<u>N/A</u>		
Identific	ation of System RC	;	•	Code Class	1			
(a) Appl	icable Construction Cod	le ASME VIII	· ··· ··· · · · · · · · · · · · · · ·	1968	Edition		`	
	Addenda	a <u>W68</u>		Code Cases				
(b) Appl	icable Edition of Section	n XI Utilized for Re	pair/Replacement	Activity	1989 With N	o Addenda	、	
(c) Appl	icable Section XI Code C	Cases None		-	• •			
Identific	ation of Components					-		
Compo	nent Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASM Code Stam
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tension	otion of Work Ta	ack welded shims in	place.	· L · ·	· :.			
	• •	vdrostatic ┌── Pr	neumatic 🗍 📜 N	ominal Opera	ting Pressure	Exem	pt 🔽	• .
Descrip	onducted:						7.	

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT					
FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMENT ACTIVITY					
ITEM 1-22-111					
9. Remarks n/a					
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CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI. Type Code Symbol Stamp M/B					
Certificate of Authorization No. N/A Expiration Date					
Signed, ASME Program Engineer Date,					
Owner or Owner's Designee, Title					
CERTIFICATE OF INSERVICE INSPECTION					
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>Minnesota</u> and employed					
by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>19NoV of</u> to					
25 JANOS, and state that to the best of my knowledge and belief, the Owner 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 measure described in the Owner's Report.					
Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.					
Inspector's Sighature Commissions Not 21924 National Board, Province and Endorsements					
Date					

FOR		AIRIE ISLAND						/ITY	
	····			• •			ITEM 1-22-1	12	
Owner	Nuclear Managem	ent Company, LLC	· · · · ·	Date 1/	/10/2005		· •		
Plant	Praire Island Nucle	Name ear Generating Plant	•••	Sheet	1	of	2		
	1717 Wakonade D	Name r. E, Welch Minnesota 5	5089	- 0309936, E	EC-1096			-	
Mork D		Address		. <u> </u>	lepair Organiz	ation P.O. N	lo., Job No., etc		
WOIK F	Work Performed by Owner Name			Type Code	Symbol Starr	np <u>N/A</u>			
	Same	Hamo		Authorizati		N/A			
		Address	·····	Expiration			N/A		
Identifi	cation of System	MS		Code Class	S	2			
(a) App	(a) Applicable Construction Code B31.1		,	1967		Edit	ion		
		Addenda n	/a	Code Case	n/a				
(c) App	plicable Edition of S plicable Section XI C cation of Componer	ection XI Utilized for R Code Cases <u>None</u>	·····						
(c) App Identifi	plicable Section XI C	ection XI Utilized for R Code Cases <u>None</u>	·····			No Addenda	Corrected, Removed, or Installed	ASME Code Stamp	
(c) App Identifi Compo	plicable Section XI C cation of Componer	ection XI Utilized for R Code Cases <u>None</u> hts <u>Manufacturer</u>	epair/Replaceme	nt Activity	1989 With		Corrected, / Removed, or		
(c) App Identifi Compo MS Safe	plicable Section XI C cation of Componer nent Name	Lection XI Utilized for R Code Cases <u>None</u> Ints Manufacturer Name	epair/Replacemen Manufacturer Serial #	nt Activity	1989 With Other ID		Corrected, Removed, or Installed	Code Stamp	
(c) App Identifi Compo MS Safe MS Safe	plicable Section XI C cation of Componer nent Name ety Valve	Lection XI Utilized for R Code Cases <u>None</u> Ints Manufacturer Name Dresser	Manufacturer Serial # BR-06306 BM-09538	Nat'l Bd #	1989 With Other ID RS-21-1		Corrected, Removed, or Installed Corrected	Code Stamp	
(c) App Identifi Compo MS Safe MS Safe	plicable Section XI C cation of Componer nent Name ety Valve ety Valve	ection XI Utilized for R Code Cases <u>None</u> Ints Manufacturer Name Dresser Dresser <u>Replaced studs and</u>	Manufacturer Serial # BR-06306 BM-09538	Nat'l Bd #	1989 With Other ID RS-21-1	Yr Built	Corrected, Removed, or Installed Corrected	Code Stamp	
(c) App Identifi Compo MS Safe MS Safe	plicable Section XI C cation of Componer nent Name ety Valve ety Valve	ection XI Utilized for R Code Cases <u>None</u> Ints Manufacturer Name Dresser Dresser <u>Replaced studs and</u>	Manufacturer Serial # BR-06306 BM-09538	Nat'l Bd #	1989 With Other ID RS-21-1 RS-21-7	Yr Built	Corrected, Removed, or Installed Corrected Corrected	Code Stamp	

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NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1 /2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at the top of this form.

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT FORM NIS-2 OWNER'S REPORT FOR REPAIR/ REPLACEMEN	ΓΑCΤΙVITY
	EM 1-22-112
9. Remarks n/a	
	······································
CERTIFICATE OF COMPLIANCE	•
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Configuration Type Code Symbol Stamp M/P	ode, Section XI.
Certificate of Authorization No. NIA Expiration Date	
Signed ASME Program Engineer Date	· · · · · · · · · · · · · · · · · · ·
Owner or Owner's Designee , Title	- · · ·
	<u>; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; </u>
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressu Inspectors and the State or Province of <u>Minnesota</u> by <u>HSB Insp. and Ins. Co. of Connecticut</u> of <u>Hartford Conn</u> inspected the components described in this Owner's Report during the period <u>10 Jan os</u> <u>Jo Jan os</u> , and state that to the best of my knowledge and belief, the Owner has perfor examinations and taken corrective measures described in this Owner's Report in accordance wit requirements of the ASME Code, Section XI.	and employed have to rmed
By signing this certificate neither the Inspector nor his employer makes any warranty, explimited, concerning the examinations and corrective measure described in the Owner's Refurthermore, neither the Inspector nor his employer shall be liable in any manner for any personal property damage or a loss of any kind arising from or connected with this inspection.	eport.
Date	dorsements

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