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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.


Joseph M. Solymossy
Site Vice President, Prairie Island Nuclear Generating Plant

cc: (see next page)

AD47

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)

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

Prepared By: Shannon M. Hanson Date: 2/10/05
ISI Program Engineer, Nuclear Management Company
Shannon Hanson

Reviewed By: Ron Clow Date: 2/14/05
Repair/Replacement Program Engineer, Nuclear Management Company
Ron Clow

Reviewed By: Scott McCall Date: 2/21/05
Program Engineering Manager, Nuclear Management Company
Scott McCall

Approved By: Scott McCall for Terry Silverberg Date: 2/21/05
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.

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.

Section 2. NIS-1 (3 pages)

OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner Nuclear Management Company, 700 First Street, Hudson, Wisconsin 54016
(Name and Address of Owner)
2. Plant Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive E., Welch, Minnesota 55089
(Name and Address of Plant)
3. Plant Unit 1
4. Owner Certificate of Authorization (if required) N/A
5. Commercial 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	Byron 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 11/23/2004
9. Inspection Period Identification: (3rd Period) 5/26/1999 to 12/20/2004
10. Inspection Interval Identification: (3rd Interval) 12/17/1993 to 12/20/2004
11. Applicable Edition of Section **XI** 1989 Addenda none

David J. Smith
12/20/04

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

13. 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 applicable)

N/A

Expiration Date

Date

2/10/05

Signed

Shannon M. Hanson
Owner

By

Shannon M. Hanson

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 provinces of

MINNESOTA

and employed by

THE HARTFORD STEAM BOILER INSPECTION & INSURANCE CO. OF CT.

of

HARTFORD, CT.

have inspected the components described in this Owner's Report during the period

07 DEC 02

to

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 Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Inspector's Signature

Inspector's Signature

Commissions

NB 12085 AWI mn 21924

National Board, State, Province, and Endorsements

Date

February 17, 2005

Section 3. ISI Examinations (21 pages)

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	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 WO# 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 WO# 0305017.								
300102	H-1A	Snubber A	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V090 NAD	VC	ISI-1F	10/5/2004
Comments:	Pre-service to WO# 0309296								
300126	H-1A	SNUBBER A	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V058 NAD	SI	ISI-2	9/28/2004
Comments:	Pre-service to WO# 0309307								
300147	H-7	RESTRAINT LUGS	F-A	F1.10a	SWI NDE-VT-2.0	VT 2004V047 NAD	RH	ISI-3A	9/20/2004
300211	H-4	HYDR SNUBBER/CLAMP	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V116 NAD	RC	ISI-5A	9/30/2004
Comments:	Pre-service to WO# 0309286								
300212	H-1A	Snubber A/Clamp	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V048 NAD	RC	ISI-5A	9/23/2004
Comments:	Pre-service to WO# 0309287								
300275	W-14	SAFE END TO PRESS	B-F	B5.40	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	ISI-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	W-1	VALVE - PIPE	B-J	B9.21	SWI NDE-PT-1	PT 2004P039 NAD	VC	ISI-11D	10/14/2004
Comments:	Pre-service to WO# 0408070.								
300518	W-5	SAFE END - NOZZLE	B-F	B5.10	SWI NDE-PT-1	PT 2004P061 NAD	RC	ISI-12C	11/2/2004
					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
					SWI NDE-PT-1	PT 2004P050 NAD	RC	ISI-12A	10/23/2004
Comments:	Pre-service to WO# 0310442								
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 WO# 0310442								

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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
300538	W-5	SAFE END - NOZZLE	B-F	B5.10	SWI NDE-PT-1 UT-Vendor	PT 2004P062 NAD UT 2004VE029 NAD	RC	ISI-13C	11/3/2004
300543	W-5	Safe End - Nozzle	B-F	B5.70	SWI NDE-PT-1 SWI NDE-UT-2	PT 2004P045 NAD UT 2004U059 GEO	RC	ISI-13A	10/22/2004
Comments:	Pre-service to WO# 0310445								
300548	W-1	Nozzle - Safe End	B-F	B5.70	SWI NDE-PT-1 SWI NDE-UT-2	PT 2004P042 NAD UT 2004U060 GEO	RC	ISI-13B	10/22/2004
Comments:	Pre-service to WO# 0310445.								
300612	B-1	VALVE BOLTING	B-G-2	B7.70	SWI NDE-VT-1.0 SWI NDE-VT-1.0	VT 2004V099 NAD VT 2004V065 IND	RH	ISI-19A	10/4/2004
Comments:	2004V065 rejected 6 studs. Studs replaced per WO# 0407227. Repair Replacement Plan# 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 WO# 0309302								
300782	H-4	HYDR SNUBBER/CLAMP	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V108 NAD	RC	ISI-26	10/6/2004
Comments:	Pre-service to WO# 0309303								
300783	H-8	HYDR SNUBBER/CLAMP	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V109 NAD	RC	ISI-26	10/6/2004
Comments:	Pre-service exam to WO# 0309304								
300788	H-2	HYDR SNUBBER	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V059 NAD	RC	ISI-26	10/2/2004
Comments:	Pre-service to WO# 0309306								
300894	B-1	FLANGE BOLTING	B-G-2	B7.50	SWI NDE-VT-1.0	VT 2004V126 NAD	RC	ISI-29B	10/9/2004
300895	B-1	FLANGE BOLTING	B-G-2	B7.50	SWI NDE-VT-1.0	VT 2004V121 NAD	RC	ISI-29A	10/9/2004
300898	W-1	NOZZLE - SAFE END	B-F	B5.40	SWI NDE-UT-2 SWI NDE-PT-1	UT 2004U056 NAD PT 2004P002 IND	RC	ISI-29A	10/20/2004
Comments:	UT examination coverage limited to 66.23% due to configuration. PT examination coverage 100%. PT Indication found to be Code acceptable.								
300918	B-2	VALVE BOLTING	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2004V124 NAD	SI	ISI-30B	10/8/2004
300923	W-7	SAFE END - NOZZLE	B-F	B5.10	UT-Vendor SWI NDE-PT-1	UT 2004VE030 NAD PT 2004P060 NAD	RC	ISI-30B	10/26/2004
300945	H-1	HYDR SNUBBER	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V046 NAD	RC	ISI-31	11/3/2004
Comments:	Pre-service exam to WO# 0310022								

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	Item	Procedure	Method/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	VT 2004V043 NAD	RV	ISI-37	9/22/2004
301034	Marmon Clamp A	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 WO# 0408797								
301078	W-2	Tubesheet to Head	B-B	B2.60	SWI NDE-UT-16A	UT 2004U033 NAD	VC	ISI-44	9/24/2004
Comments:	UT examination coverage limited to 32.29%. Relief Request# 5, Revision 2.								
301089	LIGAMENTS1-48	LIGAMENTS	B-G-1	B6.40	UT-Vendor	UT 2004VE031 NAD	RV	ISI-48	10/26/2004
Comments:	Partial exam (ligaments 26 - 48)								
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 Identified indications. Indications were allowable by code.								
301093	W-4	LOW SHELL / LOW HEAD	B-A	B1.11	UT-Vendor	UT 2004VE036 NAD	RV	ISI-48	10/26/2004
301094	W-5	RING / DISC	B-A	B1.21	UT-Vendor	UT 2004VE037 NAD	RV	ISI-48	10/26/2004
301096	Lug @ 90	Support Lug @ 90	B-K	B10.10	UT-Vendor	UT 2004VE032 NAD	RV	ISI-50	10/26/2004
301098	N-6	Inlet Nozzle to Vessel Weld Loop A	B-D	B3.90	UT-Vendor	UT 2004VE038 NAD	RV	ISI-50	10/26/2004
301099	N-6 IR	Inlet Nozzle (Inner Radius) to Vessel Weld Loop A	B-D	B3.100	VT-Vendor	VT 2004VE055 NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-648-1								
301100	N-7	Outlet Nozzle to Vessel Weld Loop A	B-D	B3.90	UT-Vendor	UT 2004VE040 IND	RV	ISI-50	10/26/2004
Comments:	UT examination coverage limited to 76.38%								
301101	N-7 IR	Outlet Nozzle (Inner Radius) to Vessel Weld Loop A	B-D	B3.100	VT-Vendor	VT 2004VE056 NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-648-1								
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 identified are Code acceptable.								
301103	N-8 IR	SI Nozzle (Inner Radius) to Vessel Weld Loop A	B-D	B3.100	VT-Vendor	VT 2004VE057 NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-648-1								
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	VT 2004V018 NAD	VC	ISI-27D	2/26/2003

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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Pre-service examination from WO# 0300670. Previous indication identified on Report # 2002V497. CAP027781.								
302952	V-2	VALVE INT SURFACES	B-M-2	B12.50	SWI NDE-VT-3.0	VT 2004V122 NAD	SI	ISI-30B	10/8/2004
					SWI NDE-VT-3.0	VT 2004V127 NAD	SI	ISI-30B	10/10/2004
Comments:	2004V122 ISI exam. 2004V127 examined new internals prior to replacement per WO# 0407938.								
302977	N-9	Inlet Nozzle to Vessel Weld Loop B	B-D	B3.90	UT-Vendor	UT 2004VE044 NAD	RV	ISI-50	10/26/2004
302978	N-9 IR	Inlet Nozzle (Inner Radius) to Vessel Weld Loop B-D	B-D	B3.100	VT-Vendor	VT 2004VE058 NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-648-1								
302979	N-10	Outlet Nozzle to Vessel Weld Loop B	B-D	B3.90	UT-Vendor	UT 2004VE046 IND	RV	ISI-50	10/26/2004
Comments:	UT examination coverage limited to 78.47%. All indications identified are Code Acceptable.								
302980	N-10 IR	Outlet Nozzle (Inner Radius) to Vessel Weld Loop B-D	B-D	B3.100	VT-Vendor	VT 2004VE059 NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-648-1								
302981	N-11	SI Nozzle to Vessel Weld Loop B	B-D	B3.90	UT-Vendor	UT 2004VE048 IND	RV	ISI-50	10/26/2004
Comments:	UT examination coverage limited to 59.26%. All indications identified are Code acceptable.								
302982	N-11 IR	SI Nozzle (Inner Radius) to Vessel Weld Loop B-D	B-D	B3.100	VT-Vendor	VT 2004VE060 NAD	RV	ISI-50	10/26/2004
Comments:	Code Case N-648-1								
303032	N-3IR	NOZZLE - HX	B-D	B3.160	SWI NDE-VT-1.0	VT 2004V050 NAD	VC	ISI-44	9/24/2004
Comments:	Relief Request No. 5, Revision 2								
303033	N-4IR	HX - NOZZLE	B-D	B3.160	SWI NDE-VT-1.0	VT 2004V051 NAD	VC	ISI-44	9/24/2004
Comments:	Relief Request No. 5, Revision 2								
305417	VESSEL	VT INTL SURFACES	B-N-1	B13.10	VT-Vendor	VT 2004VE050 NAD	RV	ISI-48	10/26/2004
305701	V-1	Valve Int Surfaces (Installed RC-10-1 as of 11/1	B-M-2	B12.50	SWI NDE-VT-3.0	VT 2004V224 NAD	RC	ISI-29A	11/9/2004
Comments:	Pre-service to WO# 0310234								
305702	B-2	Valve Bolting (Installed RC-10-1 as of 11/15/04)	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2004V222 NAD	RC	ISI-29A	11/9/2004
Comments:	Pre-service to WO# 0310234								
305703	V-1	Valve Int Surfaces (Installed RC-10-2 as of 11/1	B-M-2	B12.50	SWI NDE-VT-3.0	VT 2004V225 NAD	RC	ISI-29B	10/11/2004
Comments:	Pre-service to WO# 0310234								
305704	B-2	Valve Bolting (Installed RC-10-2 as of 11/15/04)	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2004V223 NAD	RC	ISI-29B	11/9/2004

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

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:	Pre-service to WO# 0310234								
311034		Marmon Clamp E MARMON CLAMP @ 240	B-G-2	B7.10	SWI NDE-VT-1.0	VT 2004V229 NAD	RV	ISI-38	11/19/2004
Comments:	Pre-service to WO# 0408797								
315300	RV-2	Int Attachment -Beltline	B-N-2	B13.50	VT-Vendor	VT 2004VE051 NAD	RV	ISI-48	10/26/2004
315400	RV-3	Int. Attachment Beyond Beltline	B-N-2	B13.60	VT-Vendor	VT 2004VE052 IND	RV	ISI-48	10/26/2004
Comments:	Indications evaluated to be acceptable per CE006062								
315500	RV-4	Core Support Structure	B-N-3	B13.70	VT-Vendor	VT 2004VE053 IND	RV	ISI-48	10/26/2004
Comments:	Indications evaluated to be acceptable per CE006062								
320102	H-1B	Snubber B	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V089 NAD	VC	ISI-1F	10/5/2004
Comments:	Pre-service to WO# 0309297								
320145	H-3/1A	Int. Attach[DOUBLE SPRING]	B-K	B10.20	SWI NDE-PT-1	PT 2004P035 NAD	RC	ISI-3A	10/5/2004
320147	H-7/1A	Int. Attach[Restraint Lugs]	B-K	B10.20	SWI NDE-PT-1	PT 2004P036 NAD	RH	ISI-3A	10/5/2004
320215	H-1/1A	Int. Attach[RCP # 11 Column 1-A]	B-K	B10.30	SWI NDE-PT-1	PT 2004P033 IND	RC	ISI-14	9/29/2004
Comments:	2004P033 identified 5 indications. All 5 indications were found to be Code acceptable.								
320233	H-6B	"B" SNUBBER/CLAMP	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V049 NAD	RC	ISI-5B	9/24/2004
Comments:	Pre-service to WO# 0309285								
320285	H-9B	"B" Snubber/Clamp	F-A	F1.10c	SWI NDE-VT-2.0	VT 2004V045 NAD	RC	ISI-5D	9/21/2004
Comments:	Pre-service exam to WO#0309288								
320484	H-3/1A	Int. Attach[ANCHOR SUPPORT]	B-K	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:	2004P034 identified an indication. Initiated CAP 039246. Repaired per WO# 0408112 and reexamined with no indications per Report No. 2004P047. Since the flaw was removed, no successive examinations are required to be performed. Expanded scope was performed on ISI Summary No. 320962 on Report No. 2004P041.								
320595	H-5/1A	Int. Attach[RUPTURE RESTRAINT LUG]	B-K	B10.20	SWI NDE-PT-1	PT 2004P040 NAD	SI	ISI-18	10/16/2004
Comments:	Expanded scope from 320993								
320962	H-3/1A	Int. Attach[RUPTURE RESTRAINT]	B-K	B10.20	SWI NDE-PT-1	PT 2004P041 NAD	VC	ISI-32A	10/16/2004
Comments:	Expanded scope from 320484								
320993	H-1/1A	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

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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	2004P027 identified an indication. Initiated CAP 039244. Repaired per WO# 0408114 and reexamined with no indications per Report No. 2004P046. Since the flaw was removed, no successive examinations are required to be performed. Expanded scope was performed on ISI Summary No. 320595 on Report No. 2004P040.								
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 C	MARMON 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 WO# 0408797								
321738	H-1/IA	Int. Attach[BASE]	B-K	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 WO# 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 WO# 0310433								
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 WO# 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 WO# 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 WO# 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 WO# 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 WO# 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 WO# 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 WO# 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

Plant Unit: 1

Owner Certificate of Authorization (If Req.): N/A

Commercial Service Date: December 16, 1973

National Board Number for Unit: N/A

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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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
390164	B-1	Inlet 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	VT 2004V183 NAD	SG	ISI-43E	11/5/2004
Comments:	Both pre-service to WO# 0310231. 2004V039 completed after a stud was damaged (CAP039576)								
390165	B-2	Outlet Manway Bolts	B-G-2	B7.30	SWI NDE-VT-1.0	VT 2004V040 NAD	SG	ISI-43E	9/22/2004
Comments:	Pre-service to WO# 0310231								
390166	B-1	Inlet Manway Bolts	B-G-2	B7.30	SWI NDE-VT-1.0	VT 2004V042 NAD	SG	ISI-43F	9/22/2004
Comments:	Pre-service to WO# 0310231								
390167	B-2	Outlet Manway Bolts	B-G-2	B7.30	SWI NDE-VT-1.0	VT 2004V041 NAD	SG	ISI-43F	9/22/2004
Comments:	Pre-service to WO# 0310231								
Class 2									
301107	W-1LS2D	NOZZLE - RED. ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	UT 2004U074 GEO	MS	ISI-51A	11/1/2004
					MT-Vendor	MT 2004VE022 NAD	MS	ISI-51A	10/31/2004
Comments:	Pre-service to WO# 0310229								
301108	W-11LSUD	PIPE - PIPE	C-F-2	C5.50	SWI NDE-UT-1A	UT 2004U007 NAD	MS	ISI-51A	9/21/2004
					SWI NDE-MT-1	MT 2004M004 NAD	MS	ISI-51A	9/21/2004
301112	W-3LS2DU	PIPE - 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-service to WO# 0310229								
301132	H-2	SEISMIC RESTRAINT	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V216 NAD	MS	ISI-51A	11/11/2004
Comments:	Pre-service to WO# 0310229								
301134	H-4	SEISMIC RESTRAINT	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V194 NAD	MS	ISI-51A	11/8/2004
Comments:	Pre-service to WO# 0310229								
301149	W-2LS2U2D	PIPE - 58° ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	UT 2004U022 NAD	MS	ISI-51B	9/27/2004
					SWI NDE-MT-1	MT 2004M006 NAD	MS	ISI-51B	9/27/2004
301150	W-3LSD2U	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	MT 2004M005 NAD	MS	ISI-51B	9/27/2004
301151	W-4	PIPE - 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	PIPE - ELBOW	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U009 GEO	FW	ISI-52	9/22/2004

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

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
301216	W-7	ELBOW - PIPE	C-F-2	C5.51	SWI NDE-MT-1	MT 2004M003 NAD	FW	ISI-52	9/21/2004
					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
					SWI NDE-UT-1A	UT 2004U078 NAD	FW	ISI-52	10/6/2004
					Comments: Pre-service to WO# 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 WO# 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 WO# 0310228				
301245	W-25	Pipe - Sweepolet	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U053 NAD	AF	ISI-52	10/16/2004
					MT-Vendor	MT 2004VE020 NAD	AF	ISI-52	10/12/2004
					Comments: Pre-service to WO# 0310228				
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 WO# 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 WO# 0310228				
301254	H-8	ANCHOR ELBOW	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V189 NAD	FW	ISI-52	11/7/2004
					Comments: Pre-service to WO# 0310228				
301572	W-1LS2D	NOZZLE - RED. ELBOW	C-F-2	C5.50	SWI NDE-UT-1A	UT 2004U073 GEO	MS	ISI-68A	11/1/2004
					MT-Vendor	MT 2004VE025 NAD	MS	ISI-68A	10/30/2004
					Comments: Pre-service to WO# 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 WO# 0310229				
301595	H-1	SEISMIC RESTRAINT	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V214 NAD	MS	ISI-68A	11/11/2004

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

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:	Pre-service to WO# 0310229									
301596	H-3	SEISMIC RESTRAINT	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V193	NAD	MS	ISI-68A	11/8/2004
Comments:	Pre-service to WO# 0310229									
301640	H-6A	Snubber A	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V057	IND	MS	ISI-68B	9/28/2004
Comments:	Indication not in scope of Section XI Program. Evaluation per snubber program (CAP039042)									
301642	H-2A	Snubber A	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V128	NAD	MS	ISI-68C	10/13/2004
Comments:	Pre-service to WO# 0407307									
301667	W-26	Flued Head to Pipe	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U058	GEO	AF	ISI-69	10/23/2004
					MT-Vendor	MT 2004VE006	NAD	AF	ISI-69	10/23/2004
Comments:	Pre-service to WO# 0310228									
301690	W-21	ELBOW TO PIPE	C-F-2	C5.51	MT-Vendor	MT 2004VE002	NAD	FW	ISI-69	11/2/2004
					SWI NDE-UT-1A	UT 2004U081	NAD	FW	ISI-69	11/5/2004
Comments:	Pre-service to WO# 0310228									
301692	W-23	Pipe - Sweepolet	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U054	NAD	AF	ISI-69	10/16/2004
					MT-Vendor	MT 2004VE004	NAD	AF	ISI-69	10/3/2004
Comments:	Pre-service to WO# 0310228									
301694	W-24	PIPE TO NOZZLE	C-F-2	C5.51	SWI NDE-UT-1A	UT 2004U080	NAD	FW	ISI-69	11/5/2004
					MT-Vendor	MT 2004VE005	NAD	FW	ISI-69	11/5/2004
Comments:	Pre-service to WO# 0310228									
301697	W-22	Sweepolet to Pipe	C-F-2	C5.81	MT-Vendor	MT 2004VE003	NAD	FW	ISI-69	10/14/2004
Comments:	Pre-service to WO# 0310228									
301704	H-8	ANCHOR ELBOW	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V185	NAD	FW	ISI-69	11/6/2004
Comments:	Pre-service to WO# 0310228									
301705	H-7	ANCHOR ELBOW	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V186	NAD	FW	ISI-69	11/6/2004
Comments:	Pre-service to WO# 0310228									
301706	H-5	ANCHOR ELBOW	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V188	NAD	FW	ISI-69	11/6/2004
Comments:	Pre-service to WO# 0310228									

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

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

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:	Expanded scope from Summary No. 305071.								
305069	H-4	Seismic Anchor	F-A	F1.20b	SWI NDE-VT-2.0	VT 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	VT 2004V149 IND	SI	ISI-100A	10/15/2004
Comments:	2004V149 identified additional parts that did not appear on drawing. CAP039671 documents the discrepancy.								
305071	H-6	BOX HANGER	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V184 NAD	SI	ISI-100A	11/6/2004
					SWI NDE-VT-2.0	VT 2004V118 IND	SI	ISI-100A	10/8/2004
Comments:	2004V118 identified a clearance issue. Initiated CAP 039248. Repaired per WO# 0408118 and reexamined with no indications per Report No. 2004V184. Expanded scope was performed on ISI Summary Nos. 305107, 305069, 305057, 305055, 305070, 325070, 305106 and 305069								
305105	H-4	SEISMIC ANCH./SADDLE	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V119 NAD	SI	ISI-99A	10/8/2004
305106	H-5	PIPE CLAMP	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V148 IND	SI	ISI-99A	10/15/2004
Comments:	Expanded scope from Summary No. 305071.								
305107	H-6	SEISMIC/CLAMP/LUGS	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V139 NAD	SI	ISI-99A	10/15/2004
Comments:	Expanded scope from Summary No. 305071.								
305193	W-1	PEN 28A - REDUCER	C-F-1	C5.21	SWI NDE-PT-1	PT 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	SI	ISI-97A	9/19/2004
					SWI NDE-PT-1	PT 2004P018 NAD	SI	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	PT 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

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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
					SWI NDE-PT-1	PT 2004P012 NAD	SI	ISI-97B	9/17/2004
Comments:	Ut examination coverage limited to 50% due to configuration. PT examination coverage 100%.								
305203	W-2	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-UT-16A	UT 2004U012 NAD	SI	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT 2004P010 NAD	SI	ISI-97B	9/17/2004
305204	W-3	ELBOW - PIPE	C-F-1	C5.21	SWI NDE-UT-16A	UT 2004U016 NAD	SI	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT 2004P011 NAD	SI	ISI-97B	9/17/2004
305205	W-4	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-UT-16A	UT 2004U015 NAD	SI	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT 2004P008 NAD	SI	ISI-97B	9/17/2004
305206	W-5	ELBOW - PIPE	C-F-1	C5.21	SWI NDE-UT-16A	UT 2004U017 NAD	SI	ISI-97B	9/18/2004
					SWI NDE-PT-1	PT 2004P007 NAD	SI	ISI-97B	9/17/2004
305207	W-6	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT 2004P017 NAD	SI	ISI-97B	9/17/2004
					SWI NDE-UT-16A	UT 2004U013 NAD	SI	ISI-97B	9/18/2004
305254	H-3	Double Spring Hanger	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V030 NAD	SI	ISI-98A	9/20/2004
305260	W-3	PIPE - ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT 2004P024 NAD	SI	ISI-98A	9/17/2004
					SWI NDE-UT-16A	UT 2004U029 NAD	SI	ISI-98A	9/19/2004
305261	W-4	ELBOW - 45 ELBOW	C-F-1	C5.21	SWI NDE-PT-1	PT 2004P025 NAD	SI	ISI-98A	9/17/2004
					SWI NDE-UT-16A	UT 2004U030 NAD	SI	ISI-98A	9/19/2004
305262	W-5	45 ELBOW - PIPE	C-F-1	C5.21	SWI NDE-PT-1	PT 2004P026 NAD	SI	ISI-98A	9/17/2004
					SWI NDE-UT-16A	UT 2004U031 NAD	SI	ISI-98A	9/19/2004
305332	W-19	PIPE - ORIFICE	C-F-1	C5.30	SWI NDE-PT-1	PT 2004P005 NAD	SI	ISI-98C	9/16/2004
305333	W-20	ORIFICE - PIPE	C-F-1	C5.30	SWI NDE-PT-1	PT 2004P006 NAD	SI	ISI-98C	9/16/2004
305340	W-27	VALVE - PIPE	C-F-1	C5.30	SWI NDE-PT-1	PT 2004P004 NAD	SI	ISI-98C	9/16/2004
305344	W-31	PIPE - VALVE	C-F-1	C5.30	SWI NDE-PT-1	PT 2004P003 NAD	SI	ISI-98C	9/16/2004
305637	H-8	Spring	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V191 NAD	AF	ISI-52A	11/7/2004
Comments:	Pre-service to WO# 0310228								
305640	H-11	Pipe Restraint	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V190 NAD	AF	ISI-52A	11/6/2004
Comments:	Pre-service to WO# 0310228								
305651	H-10	Double Spring	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V217 NAD	AF	ISI-69A	11/11/2004
Comments:	Pre-service to WO# 0310228								
305652	H-11	Pipe Restraint	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V215 NAD	AF	ISI-69A	11/11/2004
Comments:	Pre-service to WO# 0408542								
315635	W-11	PIPE TO FLUED HEAD	C-F-2	C5.61	SWI NDE-UT-1A	UT 2004U077 GEO	AF	ISI-52A	11/6/2004
					SWI NDE-MT-1	MT 2004M010 NAD	AF	ISI-52A	11/5/2004

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

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:	Pre-service to WO# 0310228								
315667	W-13A	Pipe to Pipe	C-F-2	C5.61	SWI NDE-UT-1A	UT 2004U083 GEO	AF	ISI-69A	11/5/2004
					SWI NDE-MT-1	MT 2004M011 NAD	AF	ISI-69A	11/5/2004
Comments:	Pre-service to WO# 0310477								
315668	W-15A	PIPE TO FLUED HEAD	C-F-2	C5.61	SWI NDE-MT-1	MT 2004M012 NAD	AF	ISI-69A	11/5/2004
					SWI NDE-UT-1A	UT 2004U082 NAD	AF	ISI-69A	11/5/2004
Comments:	Pre-service to WO# 0310228								
315839	H-1	Single Sliding Base	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V129 NAD	CS	ISI-91D	10/14/2004
315855	W-6	Pipe - Elbow	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004P056 NAD	CS	ISI-91C	10/15/2004
					SWI NDE-UT-16A	UT 2004U046 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to WO# 0303946								
315856	W-7	elbow - tee	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004P057 NAD	CS	ISI-91C	10/15/2004
					SWI NDE-UT-16A	UT 2004U050 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to WO# 0303946								
315857	W-8	PIPE TO VALVE(CS-16)	C-F-1	CX.XX	SWI NDE-UT-16A	UT 2004U051 NAD	CS	ISI-91C	10/16/2004
					SWI NDE-PT-1	PT 2004P059 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to WO# 0303946								
315862	W-13	elbow - tee	C-F-1	CX.XX	SWI NDE-UT-16A	UT 2004U048 NAD	CS	ISI-91C	10/16/2004
					SWI NDE-PT-1	PT 2004P053 NAD	CS	ISI-91C	9/27/2004
Comments:	Pre-service exam to WO# 0303946								
315863	W-14	PIPE TO VALVE(CS-17)	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004P054 NAD	CS	ISI-91C	10/14/2004
					SWI NDE-UT-16A	UT 2004U049 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service to WO# 0303946								
315866	H-1	Single Rigid Base	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V156 NAD	CS	ISI-91C	10/23/2004
Comments:	Pre-service to WO# 0303946								
315867	H-2	Single Rigid Base	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V153 NAD	CS	ISI-91C	10/16/2004
Comments:	Pre-service exam to WO# 0303946								
315868	H-1	CS Pump 11 Support A	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V168 NAD	CS	ISI-90A	11/3/2004

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

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
					SWI NDE-VT-2.0	VT 2004V055 NAD	CS	ISI-90A	9/27/2004
Comments:	2004V055 for ISI on 9/27/04. 2004V168 as pre-service to WO# 0303949 on 11/3/05.								
315869	H-2	CS Pump 11 Support B	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V054 NAD	CS	ISI-90A	9/27/2004
					SWI NDE-VT-2.0	VT 2004V169 NAD	CS	ISI-90A	11/3/2004
Comments:	2004V054 was completed for ISI credit on 9/27/04. 2004V169 was completed 11/3/04 as pre-service to WO# 0303949								
315870	H-1	CS Pump 12 Support A	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V170 NAD	CS	ISI-90B	11/3/2004
Comments:	Pre-service to WO# 0303949								
315871	H-2	CS Pump 12 Support B	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V171 NAD	CS	ISI-90B	11/3/2004
Comments:	Pre-service to WO# 0303949								
315933	H-2	Seismic Restraint	F-A	F1.20a	SWI NDE-VT-2.0	VT 2004V031 NAD	RH	ISI-55A	9/21/2004
315936	H-1	Single Spring Base Support	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V052 NAD	RH	ISI-55C	9/27/2004
315941	H-3	Anchor	F-A	F1.20b	SWI NDE-VT-2.0	VT 2004V053 NAD	RH	ISI-55D	9/27/2004
315980	H-2	Single Spring Hanger	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V056 NAD	CS	ISI-91A	9/27/2004
321643	H-5/1A	Int. Attach[SUPPORT BRACKET-CV-31099]	C-C	C3.40	SWI NDE-MT-1	MT 2004M007 NAD	MS	ISI-68B	9/28/2004
322967	H-2B	Snubber B	F-A	F1.20c	SWI NDE-VT-2.0	VT 2004V007 NAD	MS	ISI-51C	5/28/2004
Comments:	Pre-service to WO# 0200344								
325254	H-3/1A	Int. Attach[Double Spring Hanger]	C-C	C3.20	SWI NDE-PT-1	PT 2004P029 NAD	SI	ISI-98A	9/20/2004
325255	H-4/1A	Int. Attach[FLOOR RESTRAINT]	C-C	C3.20	SWI NDE-PT-1	PT 2004P028 NAD	SI	ISI-98A	9/17/2004
325933	H-2/1A	Int. Attach[Seismic Restraint]	C-C	C3.20	SWI NDE-PT-1	PT 2004P031 NAD	RH	ISI-55A	9/21/2004
390104	H-17	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V206 NAD	SG	ISI-43C	11/10/2004
Comments:	Pre-service to WO# 0310431								
390105	H-18	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V207 NAD	SG	ISI-43C	11/10/2004
Comments:	Pre-service to WO# 0310431								
390106	H-19	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V208 NAD	SG	ISI-43C	11/10/2004
Comments:	Pre-service to WO# 0310431								
390107	H-20	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V209 NAD	SG	ISI-43C	11/10/2004
Comments:	Pre-service to WO# 0310431								
390108	H-17	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V210 NAD	SG	ISI-43D	11/10/2004

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

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:	Pre-service to WO# 0310432								
390109	H-18	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V211 NAD	SG	ISI-43D	11/10/2004
Comments:	Pre-service to WO# 0310432								
390110	H-19	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V212 NAD	SG	ISI-43D	11/10/2004
Comments:	Pre-service to WO# 0310432								
390111	H-20	Support Rod	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V213 NAD	SG	ISI-43D	11/10/2004
Comments:	Pre-service to WO# 0310432								
390123	W-3	Tubesheet - Shell	C-A	C1.30	SWI NDE-UT-3	UT 2004U087 NAD	SG	ISI-43E	11/8/2004
Comments:	Pre-service to WO# 0310231								
390128	W-8	Top Head - Head	C-A	C1.20	SWI NDE-UT-3	UT 2004U086 NAD	SG	ISI-43E	11/8/2004
Comments:	Pre-service to WO# 0310231								
390129	N-1	Nozzle - Shell	C-B	C2.21	SWI NDE-UT-3	UT 2004U091 NAD	SG	ISI-43E	11/8/2004
					MT-Vendor	MT 2004VE012 NAD	SG	ISI-43E	11/8/2004
Comments:	Pre-service to WO# 0310231								
390130	N1-IR	Nozzle Inner Radius	C-B	C2.22	SWI NDE-UT-8	UT 2004U089 NAD	SG	ISI-43E	11/8/2004
Comments:	Pre-service to WO# 0310231								
390143	W-3	Lower Shell - Tubesheet	C-A	C1.30	SWI NDE-UT-3	UT 2004U088 NAD	SG	ISI-43F	11/8/2004
Comments:	Pre-service to WO# 0310231								
390148	W-8	Top Head - Shell	C-A	C1.20	SWI NDE-UT-3	UT 2004U085 NAD	SG	ISI-43F	11/8/2004
Comments:	Pre-service to WO# 0310231								
390149	N-1	Nozzle - Shell	C-B	C2.21	SWI NDE-UT-3	UT 2004U092 NAD	SG	ISI-43F	11/8/2004
					MT-Vendor	MT 2004VE007 NAD	SG	ISI-43F	11/7/2004
Comments:	Pre-service to WO# 0310231								
390150	N-1IR	Nozzle Inner Radius	C-B	C2.22	SWI NDE-UT-8	UT 2004U090 NAD	SG	ISI-43F	11/8/2004
Comments:	Pre-service to WO# 0310231								
390170	W-2ALSDU	Pipe - Pipe	C-F-2	C5.50	SWI NDE-UT-1A	UT 2004U076 GEO	MS	ISI-51A	11/1/2004
					MT-Vendor	MT 2004VE024 NAD	MS	ISI-51A	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

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:	Pre-service to WO# 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	MT 2004VE026 NAD	MS	ISI-68A	10/29/2004
Comments:	Pre-service to WO# 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	CS	ISI-91C	9/18/2004
Comments:	Pre-service to WO# 0303946								
390976	W-17	pipe - tee	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004P023 NAD	CS	ISI-91C	9/18/2004
					SWI NDE-UT-16A	UT 2004U006 NAD	CS	ISI-91C	9/19/2004
Comments:	Pre-service to WO# 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	PT 2004P058 NAD	CS	ISI-91C	10/14/2004
Comments:	Pre-service exam to WO# 0303946. UT examination coverage limited to 50% due to configuration. Component exempt from the requirements of ASME Section XI, 1989 Edition (current Code for the 3rd Interval Plan); however, the site chose to perform a pre-service examination since the Class 2 thin wall piping becomes in scope with the implementation of RI-ISI during the 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
					SWI NDE-PT-1	PT 2004P021 NAD	CS	ISI-91C	9/18/2004
Comments:	Pre-service to WO# 0303946								
390979	W-19	pipe - tee	C-F-1	CX.XX	SWI NDE-PT-1	PT 2004P020 NAD	CS	ISI-91C	9/18/2004
					SWI NDE-UT-16A	UT 2004U004 NAD	CS	ISI-91C	9/19/2004
Comments:	Pre-service to WO# 0303946								
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	PT 2004P052 NAD	CS	ISI-91C	9/24/2004
Comments:	Pre-service exam to WO# 0303946. UT examination coverage limited to 50% due to configuration. Component exempt from the requirements of ASME Section XI, 1989 Edition (current Code for the 3rd Interval Plan); however, the site chose to perform a pre-service examination since the Class 2 thin wall piping becomes in scope with the implementation of RI-ISI during the 4th Interval.								
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 WO# 0303946								
392104	H-17/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE013 NAD	SG	ISI-43C	11/8/2004

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

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:	Pre-service to WO# 0310431									
392105	H-18/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE014 NAD	SG	ISI-43C	11/8/2004	
Comments:	Pre-service to WO# 0310431									
392106	H-19/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE015 NAD	SG	ISI-43C	11/8/2004	
Comments:	Pre-service to WO# 0310431									
392107	H-20/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE016 NAD	SG	ISI-43C	11/8/2004	
Comments:	Pre-service to WO# 0310431									
392108	H-17/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE008 NAD	SG	ISI-43D	11/7/2004	
Comments:	Pre-service exam to WO# 0310431									
392109	H-18/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE009 NAD	SG	ISI-43D	11/7/2004	
Comments:	Pre-service exam to WO# 0310431									
392110	H-19/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE010 NAD	SG	ISI-43D	11/7/2004	
Comments:	Pre-service exam to WO# 0310431									
392111	H-20/IA	Int. Attach. (Support Rod)	C-C	C3.10	MT-Vendor	MT 2004VE011 NAD	SG	ISI-43D	11/7/2004	
Comments:	Pre-service to WO# 0310431									
Class 3										
301051	H-1	Support A	F-A	F1.40	SWI NDE-VT-2.0	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	VT 2004V033 NAD	AF	ND-1-3-253A	9/21/2004	
301080	H-1	Support A	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V083 NAD	CC	ND-1-3-216A	10/5/2004	
301081	H-2	Support B	F-A	F1.40	SWI NDE-VT-2.0	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	CC	ND-1-3-216B	10/5/2004	
301106	H-2	Support B	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V082 NAD	CC	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 indicated CWH-502 carries no load. WO# 0408117 restored the support to its original configuration. CAP039255 & CAP039351.									
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	

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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Expanded scope from Summary No. 312409.								
312353	CWH-516	Sway Strut	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V138 NAD	CW	ND-1-3-15	10/16/2004
Comments:	Expanded scope from Summary No. 312409.								
312354	CWH-600	Restraint	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V142 NAD	CW	ND-1-3-16	10/16/2004
Comments:	Expanded scope from Summary No. 312409.								
312408	CWH-503	Spring	F-A	F1.30c	SWI NDE-VT-2.0	VT 2004V158 NAD	CW	ND-1-3-15	10/15/2004
Comments:	Expanded scope from Summary No. 312409								
312409	CWH-504	Seismic Restraint	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V152 NAD	CW	ND-1-3-15	10/19/2004
					SWI NDE-VT-2.0	VT 2004V117 IND	CW	ND-1-3-15	10/6/2004
Comments:	2004V117 identified a loose jam nut. Initiated CAP 039254. Tightened per WO# 0408116 and reexamined with no indications per Report No. 2004V152. Expanded scope was performed on ISI Summary Nos. 312415, 312353, 312408, 312412, 312410, 312469, 31289, 312354, 312352 and 315063								
312410	CWH-505	Double Rod	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V144 NAD	CW	ND-1-3-15	10/17/2004
					SWI NDE-VT-2.0	VT 2004V130 IND	CW	ND-1-3-15	10/15/2004
Comments:	Expanded scope from Summary # 312409. 2004V130 found no load on both rods. CAP039316. WO# 0408141 repaired conditions. No indications noted on 2004V144.								
312412	CWH-517	Strut	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V131 IND	CW	ND-1-3-15	10/15/2004
					SWI NDE-VT-2.0	VT 2004V145 NAD	CW	ND-1-3-15	10/17/2004
Comments:	Expanded scope from Summary # 312409. 2004V131 identified loose lock nut. CAP039317. Tightened lock nut per WO# 0408143. No indications on 2004V145.								
312413	CWH-525A	Floor Restraint	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V111 NAD	CW	ND-1-3-15	10/6/2004
312415	CWH-526A	Floor Restraint	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V143 NAD	CW	ND-1-3-15	10/15/2004
Comments:	Expanded scope from Summary No. 312409								
312419	CWH-525B	Floor Restraint	F-A	F1.40	SWI NDE-VT-2.0	VT 2004V112 NAD	CW	ND-1-3-16	10/6/2004
312465	CWH-210	Slide Base	F-A	F1.30a	SWI NDE-VT-2.0	VT 2004V101 NAD	CW	ND-1-3-23	10/6/2004
312469	CWH-315	Strut /Clamp	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V135 NAD	CW	ND-1-3-24	10/16/2004
Comments:	Expanded scope from Summary No. 312409.								
312489	CWH-311	Strut /Clamp	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V137 NAD	CW	ND-1-3-24	10/16/2004
Comments:	Expanded scope from Summary No. 312409.								
312633	CWH-374	Snubber/Clamp&Lugs	F-A	F1.30c	ISI-VT-2.0	VT 2004V019 NAD	CW	ND-1-3-92	1/17/2003
Comments:	Pre-service to WO# 0200327								
312654	CWH-418	Rod	F-A	F1.30a	SWI NDE-VT-2.0	VT 2004V095 NAD	CW	ND-1-3-93	10/5/2004

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

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
312655	CWH-419	Strut /Clamp	F-A	F1.30a	SWI NDE-VT-2.0	VT 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 2004V093 NAD	CW	ND-1-3-94	10/5/2004
312770	CCH-194	Anchor	F-A	F1.30b	SWI NDE-VT-2.0	VT 2004V025 NAD	CC	ND-1-3-223	9/17/2004
312846	AFWH-24	Rod	F-A	F1.30a	SWI NDE-VT-2.0	VT 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 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 2004V151 NAD	CW	ND-1-3-15A	10/18/2004
Comments:	Expanded scope from Summary No. 312409.								
321051	H-1/IA	Int. Attach[Support A]	D-A	D1.30	SWI NDE-VT-1.0	VT 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 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 2004V085 NAD	CC	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 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 2004V087 NAD	CC	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 2004V088 NAD	CC	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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 2004U034 NAD	FW	ISI-HELB-1	9/28/2004
Comments:	Augmented Examination								
350120	FW-167	Pipe to Pipe	HELB	USAR AI	SWI NDE-UT-1A	UT 2004U035 GEO	FW	ISI-HELB-2	9/28/2004
Comments:	Augmented Examination								
350142	MS-19	Valve to Pipe	HELB	USAR AI	SWI NDE-UT-1A	UT 2004U036 GEO	MS	ISI-HELB-3	9/30/2004

Section 4. IWE Examinations (3 pages)

Section 4. IWE 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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Class MC									
400039	S-38	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V063 IND	PC	ISI-301	10/3/2004
Comments:	Follow up exam previously evaluated under NCR 19991420. No change from previous exam.								
400045	S-44	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V062 IND	PC	ISI-301	10/3/2004
Comments:	Follow up exam previously evaluated under NCR 19991420. No change from previous exam.								
400046	S-45	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V061 IND	PC	ISI-301	10/3/2004
Comments:	Follow up exam previously evaluated under NCR 19991420. No change from previous exam.								
400050	S-49	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V064 IND	PC	ISI-301	10/3/2004
Comments:	Follow up exam previously evaluated under NCR 19991420. No change from previous exam.								
400069	S-64C	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V202 NAD	PC	ISI-302	11/9/2004
400083	S-73	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V070 NAD	PC	ISI-304	10/4/2004
400084	S-73A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V073 NAD	PC	ISI-304	10/4/2004
400085	S-74	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V071 NAD	PC	ISI-304	10/4/2004
400122	S-99	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V195 NAD	PC	ISI-309	11/9/2004
400264	C1	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V066 IND	PC	ISI-304	10/4/2004
Comments:	Evaluated under CAP09736								
400270	C6B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V103 IND	PC	ISI-305	10/6/2004
Comments:	Evaluated under CAP039736								
400283	C16	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V072 NAD	PC	ISI-304	10/4/2004
400347	C45	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V069 NAD	PC	ISI-304	10/4/2004
400355	C49A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V067 IND	PC	ISI-304	10/4/2004
Comments:	Evaluated under CAP039736								
400356	C49B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2004V074 NAD	PC	ISI-304	10/4/2004
400467	G67	Moisture Barrier	E-D	E5.30	SWI NDE-VT-2.1	VT 2004V198 IND	PC	ISI-303	11/9/2004
					SWI NDE-VT-2.1	VT 2004V218 NAD	PC	ISI-303	11/13/2004
400470	G70	Moisture Barrier	E-D	E5.30	SWI NDE-VT-2.1	VT 2004V197 IND	PC	ISI-303	11/9/2004
					SWI NDE-VT-2.1	VT 2004V219 NAD	PC	ISI-303	11/13/2004
405534	C3	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V105 IND	PC	ISI-305	10/6/2004
Comments:	Follow up exam previously evaluated under NCR 19991420. No change from previous exam.								
405576	C34D	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V106 NAD	PC	ISI-305	10/6/2004

Section 4. IWE 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	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
Comments:	Follow up exam. No change from previous exam.								
405587	C36E	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-1.1	VT 2004V107 IND	PC	ISI-305	10/6/2004
Comments:	Follow up exam previously evaluated under NCR 19991420. No change from previous exam.								
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 exam previously evaluated under NCR 19991420. No change 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 Surface 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 inaccessible area made accessible for special 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

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	COMPLETION DATE
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 $2 \text{ gph} \times 24 \text{ hour} \times 7 \text{ days} = 336 \text{ gallons}$. 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 than 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.
2. 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:

- 1) 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 originate 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).

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.

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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	PI-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	PI-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	PI-343	306999	SAT	PI-385	306998	309306
1-SIRH-23A	PI-81	306999	SAT	PI-5	306998	309307

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SNUBBER #	PI # REMOVED	FUNCTIONAL TEST WO AS FOUND	FUNCTIONAL TEST RESULTS	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	PI-536	306998	310023
1-RCRH-27B	PI-583	306999	SAT	PI-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.



FRAMATOME ANP

ENGINEERING INFORMATION RECORD

Document Identifier 51- 5039649 - 00

Title Technical Summary of Steam Generator Eddy Current Examinations for Prairie Island Nuclear
Generating Plant Unit 1, December 2003—Pre-service Baseline Inspection

PREPARED BY:

REVIEWED BY:

Name C. L. GardnerName T.A. RibaricSignature *Charles Gardner* Date 02/13/04Signature *Thomas A. Ribaric* Date 02/13/04

Technical Manager Statement:
Initials

GPB
GPB

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.

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	TECTEH	225	982
Single-pass full length	Cold	610UL	TEHTEC	4187	3430
Multiple-pass full length	both	610UL	various	456	456
(Total)				4868	4868
Rotating Probe					
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:

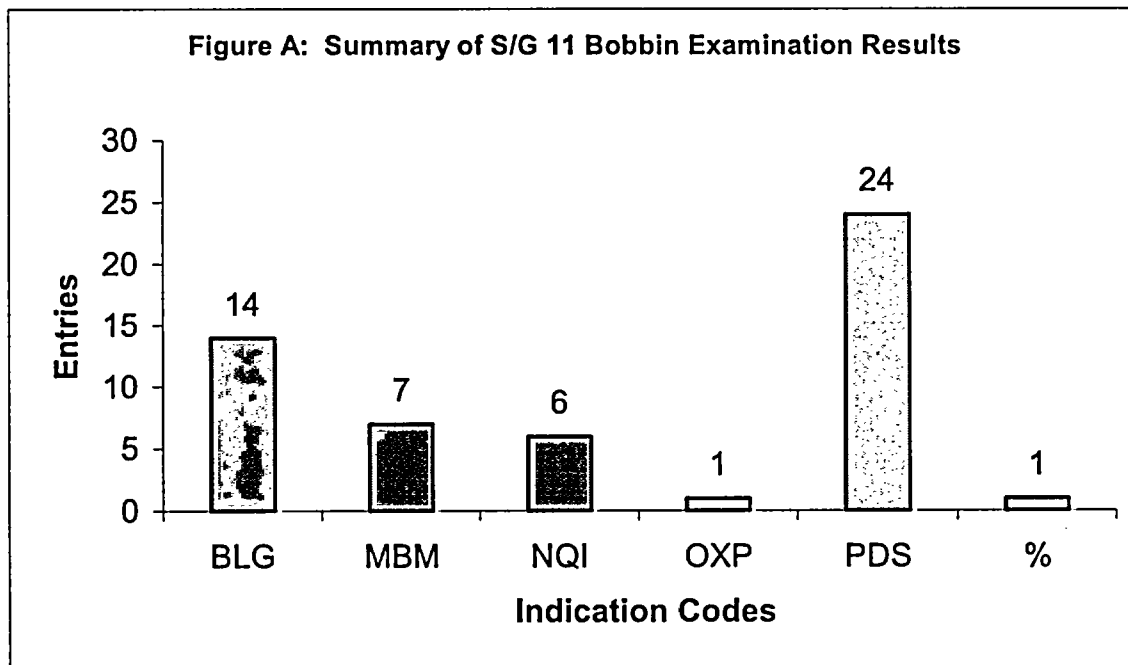


Figure A, above, is a bar graph depicting the results of the bobbin examination of S/G 11 by signal type. Six of the seven indication codes are represented; DNG indications, totaling 286 in S/G 11, have been omitted for the sake of clarity. The total number of 339 indications were distributed among 323 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

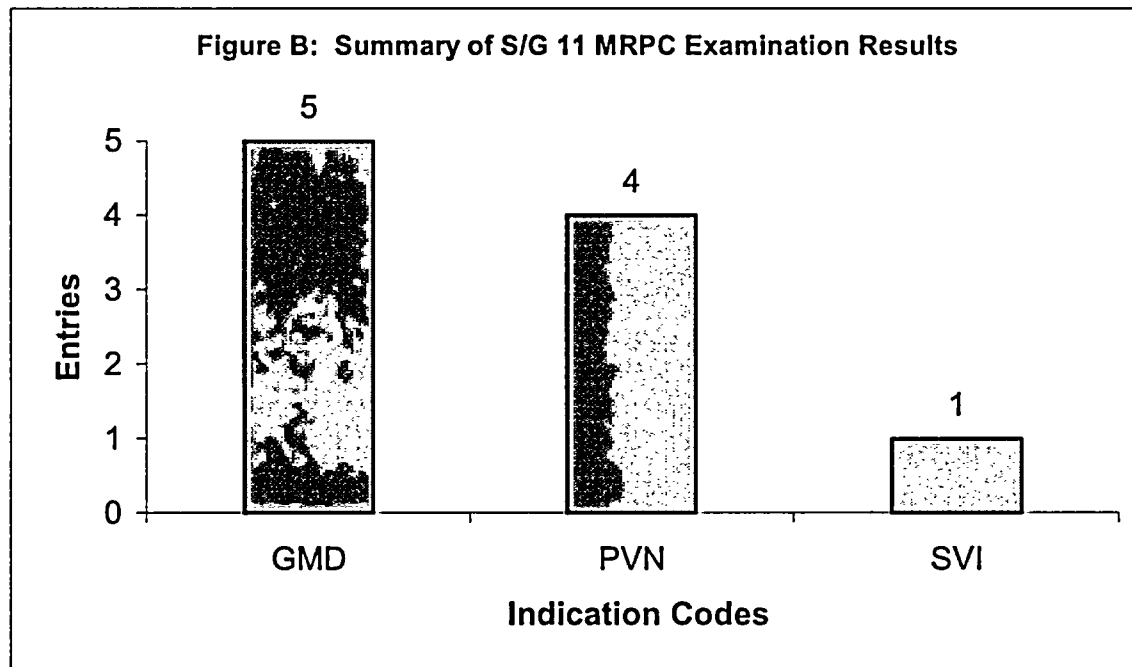


Figure B, above, is a bar graph depicting the results of all RPC examinations of S/G 11 by signal type. The total number of 10 indications were distributed among 9 tubes; the balance of 10,061 locations tested have an RPC result of NDD ("no defects detected", used for pre-scheduled exams) or NDF ("no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

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:

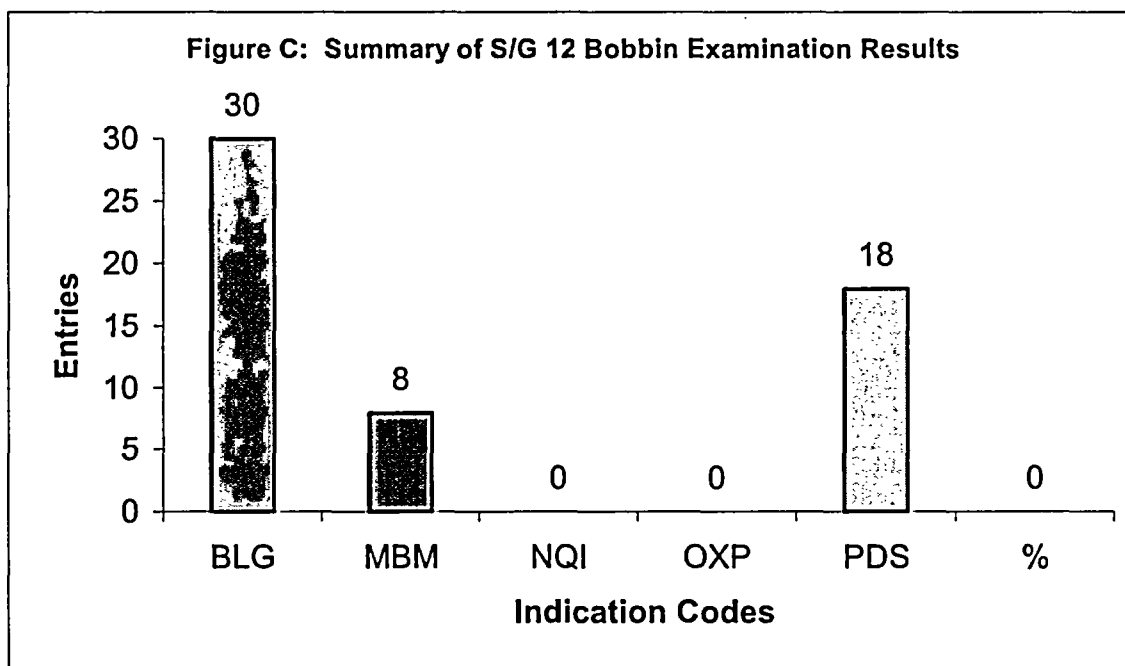


Figure C, above, is a bar graph depicting the results of the bobbin examination of S/G 12 by signal type. Six of the seven indication codes are represented; DNG indications, totaling 473 in S/G 12, have been omitted for the sake of clarity. The total number of 529 indications were distributed among 504 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:

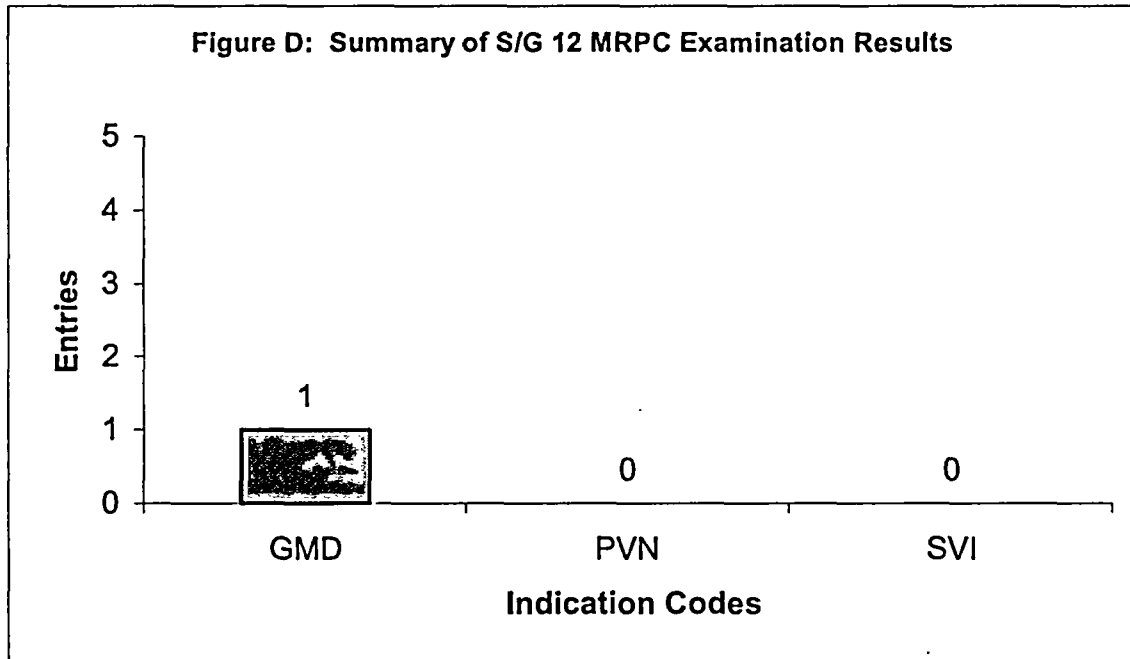


Figure D, above, is a bar graph depicting the results of all RPC examinations of S/G 12 by signal type. A single indication was reported; the balance of 10,256 locations tested have an RPC result of NDD ("no defects detected", used for pre-scheduled exams) or NDF ("no defect found", used for addressing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

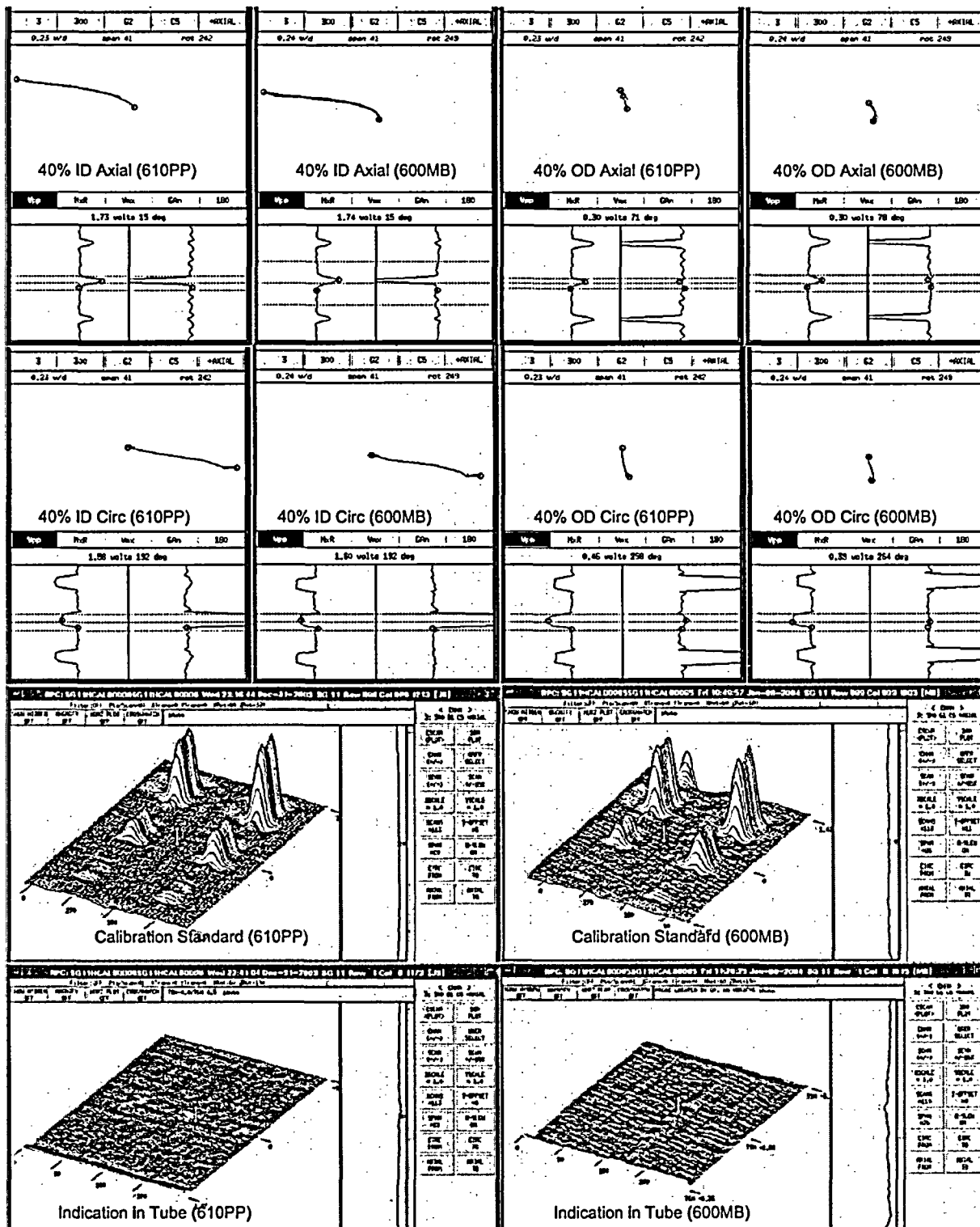


Figure E

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.

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 cooler coils.	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

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 1 CYCLE 21

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.	3	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

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 1 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

1-22-055	Old Steam Generator	0310373, 0310445, 0310437, DCP 03RC02, DCP 03SG01	Replaced the primary side of the Steam Generator.	1	RC
1-22-056	Old Steam Generator	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

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 1 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

1-22-070	12 RHR Crossover Inlet	0309711, EEC-1505	Replaced body to bonnet fasteners.	2	RH
1-22-071	11 RHR HX Outlet	0310190, EEC-1505	Replaced body to bonnet fasteners.	2	RH
1-22-072	12 MD AFW PMP Suct.	0302035	Replaced body to bonnet fasteners.	3	AF
1-22-073	11 CC Heat Exchanger	0309410, 0309412, 0306712	Replaced end flanges and covers, attached lifting lugs to the end covers, and performed shell weld repairs as necessary to remove pitting of internal surfaces.	3	CC
1-22-074	CC Heat Exchanger end cover plates	0200466, 0309418, 0405720	Attached lifting lugs to the end covers that will be installed at the next refueling outage.	3	CC
1-22-075	12 Containment FCU	0403586	Replaced flange fasteners.	3	CL
1-22-076	11 Excess Letdown HX	0300316, EEC-1196	Replaced flange to head fasteners.	1	VC
1-22-077	122 CR Chilled Wtr. Pmp.	0300828	Replaced discharge flange fasteners.	3	ZH
1-22-078	6" Containment Spray Piping	0303945, 0303946, 0303949, DCP03CS02	Added recirculation lines to Containment Spray piping. Removed piping support. Replaced support bolting on 11 & 12 CS pumps.	2	CS
1-22-079	11 SG MS HDR Relief Valve	0403587, EEC-1096	Replace flange fasteners.	2	MS
1-22-080	11 Containment Spray Pump	0301139	Replaced mechanical seal including gland plate.	2	CS
1-22-081	12 BATP	0407196, SPCE-ME-0453	Replaced the mechanical seal gland plate.	2	VC
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	Charging line isolation 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

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 1 CYCLE 21

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	11 Seal 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/compression 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

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

ITEM 1-22-054

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 No.

Expiration 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 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 04 JUN 04 to 03 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.

Inspector's Signature

Commissions

NB 11085 NWI MN 21924
National Board, Province and Endorsements

Date

January 03, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-054

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SB</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda _____, Code Case _____</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/14/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310334, 0310557, DCP 03SG01</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>2</u></p> <p>1998 Edition</p>
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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	
Sway Strut	Grinnel			RBDH-378B		Installed	
Spring Hanger support				RBDH-373		Corrected	
SGB line 2-SB-2				2-SB-2		Corrected	
Line Support				RBDH-3		Corrected	

7. Description of Work 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.

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

Other ☐ Pressure 1360 psi Test Temp. 84 ° 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 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 1-22-053

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 12/16/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 JUN 04 to 03 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.

[Signature] Commissions NB 12085 ANI m/ 01924
Inspector's Signature National Board, Province and Endorsements
Date January 03, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-053

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SB</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda _____</p> <p style="text-align: right;">(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p style="text-align: right;">(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/14/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310333, 0310556, DCP 03SG01</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>2</u></p> <p>1998 Edition</p> <p>Code Case _____</p>
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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-385		Removed	<input type="checkbox"/>
SG BD piping				2-SB-1		Removed	<input type="checkbox"/>
SG BD piping				2-SB-1		Installed	<input type="checkbox"/>
Spring Hanger	Basic Engineering			RBDH-387		Corrected	<input type="checkbox"/>

7. Description of Work Removed and reinstalled portions of the steam generator blowdown piping and permanently removed a spring hanger. Modified Support RBDH-387.

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

Other ☐ Pressure 1360 psi Test Temp. 84 ° 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 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 1-22-052

9. 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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed



, ASME Program Engineer

Date


12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 24 MAY 04 to 05 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.


Inspector's Signature

Commissions

NB 12085 ANI MD 21924
National Board, Province and Endorsements

Date

January 05, 2008

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-052

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>RC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/16/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310468, DCP 03RC02</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>1</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Rupture Restraint				H-1		Removed	<input type="checkbox"/>
Rupture Restraint				H-2		Removed	<input type="checkbox"/>

7. Description of Work Permanent removal of the RCS cross over leg rupture restraints.

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

Other ☐ Pressure _____ psi Test Temp. _____ ° 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 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 1-22-051

9. 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

N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date


12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 24 May 04 to 05 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.

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Inspector's Signature

Commissions

NB 12085 MI MN 21924

National Board, Province and Endorsements

Date

January 05, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-051

1. Owner Nuclear Management Company, LLC

Name
2. Plant Praire Island Nuclear Generating Plant

Name

1717 Wakonade Dr. E, Welch Minnesota 55089

Address
3. Work Performed by SGT Ltd.

Name

400 S. Tyron St. Suite 2100, Charlotte, NC 28285

Address
4. Identification of System RC
5. (a) Applicable Construction Code n/a,

Addenda n/a

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable Section XI Code Cases None

Date 12/16/2004

Sheet 1 of 2

0310470, DCP 03RC02
 Repair Organization P.O. No., Job No., etc

Type Code Symbol Stamp NPT

Authorization N-3090-1

Expiration Date 6/4/07

Code Class 1

n/a Edition

Code Case n/a

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Rupture Restraint				H-1		Removed	<input type="checkbox"/>
Rupture Restraint				H-2		Removed	<input type="checkbox"/>

7. Description of Work Permanent removal of the RCS cross over leg rupture restraints.

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

Other ☐ Pressure _____ psi Test Temp. _____ ° F

Other: n/a

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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 11 Steam Generator Replacement Project.

ITEM 1-22-050

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. N/A

Expiration Date _____

Signed _____

ASME Program Engineer

Date

12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 02 Jun 04 to 27 Dec 04, 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 [Signature]

Commissions

AB 12085 ANI MD 21924

National Board, Province and Endorsements

Date

December 27, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-050

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;"><u>Name</u></p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;"><u>Name</u></p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;"><u>Address</u></p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;"><u>Name</u></p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;"><u>Address</u></p> <p>4. Identification of System <u>SG</u></p> <p>5. (a) Applicable Construction Code <u>AISC 9th Edition, ASME VIII</u></p> <p style="text-align: right;"><u>Addenda 96</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/14/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310357, 0310431, DCP 03RC02</u></p> <p style="text-align: center;"><u>Repair Organization P.O. No., Job No., etc</u></p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>1</u></p> <p><u>1995</u> Edition</p> <p>Code Case <u></u></p>
---	---

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Snubbers 1, 2, 3, & 4	Bergen Patterson			H-1, H-2, H-3, H-4		Corrected	<input type="checkbox"/>
Spring Hangers				H-5, H-6		Removed	<input type="checkbox"/>
Vertical Supports				H-17, H-18, H-19, H-20		Installed	<input type="checkbox"/>
Upper Lateral Support						Corrected	<input type="checkbox"/>

7. Description of Work 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.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-049

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

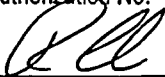
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

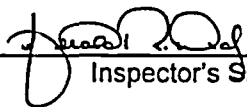
12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 02 JUN 04 to 22 DEC 04, 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 17085 ANI MN 21924
National Board, Province and Endorsements

Date

December 22, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-049

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SG</u></p> <p>5. (a) Applicable Construction Code <u>AISC 9th Edition, ASME VIII</u></p> <p style="text-align: center;">Addenda <u>96</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/16/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310359, 0310432, DCP 03RC02</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>1</u></p> <p><u>1995</u> Edition</p> <p>Code Case <u></u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Snubbers 1, 2, 3, & 4	Bergen Patterson			H-1, H-2, H-3, H-4		Corrected	<input type="checkbox"/>
Spring Hangers				H-5, H-6		Removed	<input type="checkbox"/>
Vertical Supports				H-17, H-18, H-19, H-20		Installed	<input type="checkbox"/>
Upper Lateral Support						Corrected	<input type="checkbox"/>

7. Description of Work 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.

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

Other ☐ Pressure _____ psi Test Temp. _____ ° 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 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

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

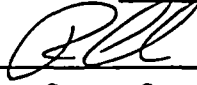
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

11/30/04

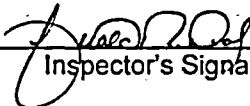
Owner or Owner's Designee, Title

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 HSB Insp and Ins Co of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 28 JUL 04 to 19 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.

Inspector's Signature



Commissions

NB 11085 ANI

MN 21924

National Board, Province and Endorsements

Date



19, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-048

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>RH</u></p> <p>5. (a) Applicable Construction Code <u>B16.5</u></p> <p style="text-align: center;">Addenda</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>11/30/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310689, EEC 1190</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p style="text-align: center;">Edition</p> <p>Code Case <u></u></p>
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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 RHR Pump Suction Check				RH-3-2		Corrected	<input type="checkbox"/>

7. Description of Work Replaced flange fasteners.

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

Other ☐ Pressure NOP psi Test Temp. NOT °F

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 1-22-046

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.

Expiration 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 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 06 JULY 04 to 13 OCTOBER 04, 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 12085 ANI MN 21924
National Board, Province and Endorsements

Date

October 13, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-046

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>RH</u></p> <p>5. (a) Applicable Construction Code <u>B16.5</u>, Addenda _____, Code Case _____</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/11/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0309713, EEC 1190</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p style="text-align: right;">Edition</p>
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6. Identification of Components

Component Name	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	<input type="checkbox"/>

7. Description of Work Replaced flange fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

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 1-22-045

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. N/A Expiration Date _____

Signed [Signature] ASME Program Engineer Date 11/29/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 Jul 04 to 29 Dec 04, 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.

[Signature] Commissions NB 12095 4W1 MD 01924
Inspector's Signature National Board, Province and Endorsements
Date December 29, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-045

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>RH</u></p> <p>5. (a) Applicable Construction Code <u>B16.5</u>, Addenda _____</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>11/29/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0309967, EEC 1389</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p>Code Case _____ Edition _____</p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
RHR to 12 CS Orifice				6-RH-10B		Corrected	<input type="checkbox"/>

7. Description of Work Replaced flange fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

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 1-22-044

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.

Expiration 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 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 26 JUL 04 to 14 OCT 04, 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 17085 AWI MN 21924
National Board, Province and Endorsements

Date

October 14, 2004

ITEM 1-22-044

Date 10/11/2004

Name _____

Sheet 1 of 2

Name _____

0309942, EEC-1389

Address

3. Work Performed by Owner

Type Code Symbol Stamp N/A

Name _____

Authorization	N/A
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Address

Expiration Date	N/A
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RH

Code Class	2
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B16.5

Edition

Addenda

Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable Section XI Code Cases None

6. Identification of Components

7. Description of Work

Replaced flange fasteners.

8. Tests conducted:

Hydrostatic ☐Pneumatic ☐

Nominal Operating Pressure ☐

Exempt ☒Other ☐

Pressure

psi

Test Temp.

• ३

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 1-22-043

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

N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

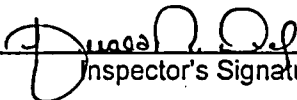
5/20/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 APR 04 to 21 MAY 04 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 12085 AWI MD 21924

National Board, Province and Endorsements

Date

May 21

2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-043

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="margin-left: 150px;">Name <u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="margin-left: 150px;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="margin-left: 150px;">Name <u>Same</u></p> <p style="margin-left: 150px;">Address <u>VC</u></p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>5/20/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0400185</u></p> <p>Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>n/a</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

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	<input type="checkbox"/>

7. Description of Work Replaced plungers in spare charging pump packing assemblies and gland plates.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-042

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 N/A

Certificate of Authorization No. N/A

Expiration Date _____

Signed [Signature]

ASME Program Engineer

Date 11/7/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 14 May 04 to 10 Jun 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.

[Signature]
Inspector's Signature

Commissions

AB 11085 ANI MA 01924

National Board, Province and Endorsements

Date

January 10, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-042

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>CS</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>1/7/2005</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0400361, EEC 1076</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>n/a</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Spare CS Pump	Ingersoll Rand	<u>770117</u>			1971	Corrected	<input type="checkbox"/>

Handwritten:
H&SP
1/11/05

7. Description of Work Replaced mechanical seal and gland plate and gland studs.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-041

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.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

9/10/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 20 MAY 04 to 10 SEP 04, 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 17055 AXI mnd 21924

National Board, Province and Endorsements

Date

September 10, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-041

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>9/10/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0312062</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>n/a</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Spare Charging Pump Packing Assemblies						Corrected	<input type="checkbox"/>

7. Description of Work Rebuilt packing assemblies.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

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 1-22-040

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature] ASME Program Engineer Date 8/30/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 FEB 04 to 31 AUG 04 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 or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature [Signature] Commissions NB 17084 ANI MN 21924
National Board, Province and Endorsements

Date August 31, 2004

ITEM 1-22-040

Date 8/30/2004

Name

2. Plant **Praire Island Nuclear Generating Plant**

Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089

0300884

Address

Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner

Type Code Symbol Stamp N/A

Same

Name

Authorization	N/A
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Address

Expiration Date	N/A
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4. Identification of System ZH

Code Class 3

5. (a) Applicable Construction Code B31.1

1967 Edition

Addenda

Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity	1989 With No Addenda

(c) Applicable Section XI Code Cases None

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Bult	Corrected, Removed, or Installed	ASME Code Stamp
121 Cont. Rm Chld. Wtr. Pmp Disch. Flow Ind.	Dieterich					Corrected	<input type="checkbox"/>

7. Description of Work	Replace flange fasteners.
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8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure psi Test Temp. °F

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 1-22-039

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

N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

7/29/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 JUN 04 to 30 JUL 04, 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 11085 AXI

MD 31924

National Board, Province and Endorsements

Date

July 30, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-039

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>7/29/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0309640, SPCE-ME-0453, EEC-1266</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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6. Identification of Components

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	<input type="checkbox"/>

7. Description of Work Replaced the mechanical seal gland plate.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-033

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 3/31/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn have inspected the components described in this Owner's Report during the period 15 JAN 04 to 06 APR 04, 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.

[Signature] Commissions NB 17085 AW1 MA 21924
Inspector's Signature National Board, Province and Endorsements

Date April 06, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-033

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>CL</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, 1967 Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>3/31/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0300326</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>3</u></p>
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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 CL Strainer Backwash Valve (2")	Jamesbury			CV-31652	1970	Removed	<input type="checkbox"/>
11 CL Strainer Backwash Valve (2")	Jamesbury			CV-31652	1999	Installed	<input type="checkbox"/>

7. Description of Work Replaced valve and flange bolting.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-032

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. N/A Expiration Date _____

Signed [Signature], ASME Program 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 23 DEC 03 to 20 FEB 04, 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.

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date February 10, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-032

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;"><u>Name</u></p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;"><u>Name</u></p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;"><u>Address</u></p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;"><u>Name</u></p> <p><u>Same</u></p> <p style="text-align: center;"><u>Address</u></p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;"><u>Addenda</u> <u>n/a</u> <u>Code Case</u> <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/10/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0309814</u></p> <p style="text-align: center;"><u>Repair Organization P.O. No., Job No., etc</u></p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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6. Identification of Components

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	<input type="checkbox"/>

7. Description of Work Replaced plungers and gland plate in spare charging pump packing assemblies.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

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 1-22-031

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.

N/A

Expiration Date

Signed

[Signature]

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 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 16 JUL 03 to 03 JAN 04, 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.

[Signature]
Inspector's Signature

Commissions

NB 1985 MI MD 21924
National Board, Province and Endorsements

Date

January 03, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-031

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, <u>1967</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/11/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0201887</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>yes</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Snubber	Basic Engineers			PI-386	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced piston.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-030

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. N/A Expiration Date _____

Signed [Signature], 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 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 16 Jun 03 to 11 Oct 04, 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 [Signature] Commissions NB, BRS, AWS, MN 21924
National Board, Province and Endorsements
Date October 11, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-030

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/11/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0201885</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>yes</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Snubber	Basic Engineers			PI-399	1970	Corrected	<input type="checkbox"/>

7. Description of Work Replaced piston.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-029

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. N/A Expiration Date _____

Signed [Signature] 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 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 17 APR 03 to 12 May 04, 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.

[Signature] Commissions NB 17085 and MN 21924
Inspector's Signature National Board, Province and Endorsements
Date November 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-029

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>Snubber</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, <u>1967</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/11/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0201884</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>yes</u></p>
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6. Identification of Components

Component Name	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	<input type="checkbox"/>

7. Description of Work Replaced piston.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-028

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. N/A Expiration Date _____

Signed [Signature], 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 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 03 APR 03 to 03 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 or property damage or a loss of any kind arising from or connected with this inspection.

Inspector's Signature [Signature] Commissions NB 17085 ANI MA 21924
National Board, Province and Endorsements

Date January 03, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-028

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/11/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0201883</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>yes</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Snubber	Basic Engineers			PI-303	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced piston.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-026

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. N/A

Expiration Date

Signed

[Signature], ASME Program Engineer

Date

1/13/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 JANOS to 13 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.

[Signature]
Inspector's Signature

Commissions

SB 1955 AS1 MD 21924

National Board, Province and Endorsements

Date

January 13, 2005

ITEM 1-22-026

Date 1/13/2005

Sheet 1 of 2

Sheet 1 of 2

0101496

Repair Organization P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

Code Class yes

1063 Editor

1967 Edition

Code Cases n/a

(c) Applicable Section XI Code Cases None

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7. Description of Work	Replaced piston and cylinder.
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Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-025

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.

N/A

Expiration Date

Signed

Owner or Owner's Designee, Title

ASME Program Engineer

Date

10/13/04

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 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 31 OCT 02 to 14 OCT 04, 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 12085 ANI MN 21924
National Board, Province and Endorsements

Date

October 14, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-025

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, 1967 Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/13/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0004271</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>yes</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Snubber	Basic Engineers			PI-476	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced piston.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-024

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. N/A Expiration Date _____

Signed [Signature] ASME Program Engineer Date 10/13/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 Oct 02 to 15 Oct 04, 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.

[Signature] Commissions NB 17085 AWI MA 21924
Inspector's Signature National Board, Province and Endorsements

Date October 15, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-024

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>10/13/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0004270</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>yes</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component 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	<input type="checkbox"/>

7. Description of Work Replaced piston and cylinder.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be functionally tested after reassembly. Test results will be attached to the work order.

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 1-22-021

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 1/23/04,
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 17 JUN 03 to 26 JAN 04, 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 or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 17085 AND MN 21924
Inspector's Signature National Board, Province and Endorsements

Date January 26, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-021

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>6/14/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0303035</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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6. Identification of Components

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	<input type="checkbox"/>

7. Description of Work Replaced plungers in spare charging pump packing assemblies.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-018

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/25/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 24 JUL 03 to 26 NOV 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 17095 AW1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date November 26, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-018

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>7/10/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0304096, EEC-1266</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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6. Identification of Components

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	<input type="checkbox"/>

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

Other: Operational leakage test

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 1-22-017

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 7/29/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 JUN 03 to 07 AUG 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 12085 AM MN 01924
Inspector's Signature National Board, Province and Endorsements
Date August 07, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-017

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>CL</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>N-416-1</u></p>	<p>Date <u>6/30/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0304407</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>3</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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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	<input type="checkbox"/>

7. Description of Work Replaced 2 sections of 6" pipe.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: A system leakage test as allowed by Code Case N-416 will be conducted after the repair.

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 1-22-016

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 6/5/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 JUN 03 to 23 JUN 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date June 23, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-016

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>5/20/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0211311, SPCE-ME-0453</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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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	<input type="checkbox"/>

7. Description of Work Replaced the mechanical seal gland plate - Discharge end.

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

Other ☐ Pressure _____ psi Test Temp. _____ 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 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 1-22-015

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 6/5/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 JUN 03 to 23 JUN 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date June 23, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-015

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>5/20/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0210079, SPCE-ME-0453</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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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	<input type="checkbox"/>

7. Description of Work Replaced the mechanical seal gland plate - Suction end.

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

Other ☐ Pressure _____ psi Test Temp. _____ 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 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 1-22-014

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 5/4/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 22 May 03 to 01 May 04, 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.

[Signature] Commissions NB 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date May 06, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-014

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, 1989 Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>5/4/04</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>0211231</p> <p>Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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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 Chg. Pmp. Dischg. Relief	Crosby			VC-28-1		Corrected	<input type="checkbox"/>

7. Description of Work Replaced flange fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-013

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 9/29/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 21 MAY 03 to 02 OCT 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 12085 AN 1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 02, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-013

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>5/19/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0211233</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>1989</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
13 Chg. Pmp. Dischg. Relief	Crosby			VC-28-3		Corrected	

7. Description of Work Replaced flange fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-012

9. Remarks

n/a

CERTIFICATE OF COMPLIANCE

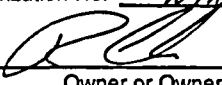
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date _____

Signed



ASME Program Engineer

Date

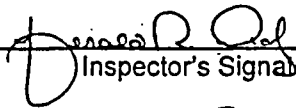
9/17/03

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 18 SEP 03 to 18 SEP 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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 12085 AND MN 21924
National Board, Province and Endorsements

Date

September 18, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-012

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, <u>n/a</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>3/31/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0301238, SPCE-ME-0453, EEC-1266</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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6. Identification of Components

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	

7. Description of Work Replaced the mechanical seal gland plate.

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

Other ☐ Pressure psi Test Temp. °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 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 1-22-011

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 9/16/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 18 JUN 03 to 17 SEP 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 17085 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements

Date September 17, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-011

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>6/18/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0302844, EEC-1250</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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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	
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

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

ITEM 1-22-010

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 6/15/03,
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 Inspectors and the State or Province of Minnesota and employed by _____ of Hartford Conn. have inspected the components described in this Owner's Report during the period 20 JUN 03 to 20 JUN 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date June 20, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-010

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="margin-left: 150px;">Name 1717 Wakonade Dr. E, Welch Minnesota 55089</p> <p style="margin-left: 150px;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="margin-left: 150px;">Name Same</p> <p style="margin-left: 150px;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>n/a</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>3/14/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>0300993</p> <p>Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>n/a</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
12 Charging Pump	Ajax			145-042	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced charging pump packing assemblies.

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

Other ☐ Pressure _____ psi Test Temp. _____ 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 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 1-22-009

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature], ASME Program Engineer Date 5/19, 03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minhesota and employed by Hartford Conn. have inspected the components described in this Owner's Report during the period 20 JUN 03 to 20 JUN 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date June 20, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-009

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, <u>1967</u> Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>2/10/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0211454</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p>
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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 BATP Discharge Valve	Grinnell			VC-11-126	1970	Corrected	<input type="checkbox"/>

7. Description of Work Replaced bonnet.

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

Other ☐ Pressure _____ psi Test Temp. _____ 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 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 1-22-008

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 N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed R.B. Willis, ASME Program Engineer Date 2-14, 2003
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 HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 25 JUN 03 to 25 JUN 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Daniel R. O'Neil Commissions NB 12055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date June 25, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-008

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>2/10/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0211989</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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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 Charging Pump Suction Piping	NAVCO			3-VC-28A	1971	Corrected	<input type="checkbox"/>

7. Description of Work Replaced fasteners.

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

Other ☐ Pressure psi Test Temp. °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 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 1-22-007

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 NA

Certificate of Authorization No. NA Expiration Date _____

Signed [Signature], ASME Program Engineer Date 9/16/03
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 18 SEP 03 to 18 SEP 03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 17085 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date September 18, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-007

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>CL</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, Addenda <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>1/23/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0202731</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>3</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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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: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-006

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 3/24/04
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 HSB C7 of Hartford Conn have inspected the components described in this Owner's Report during the period 26 FEB 02 to 25 MAR 04, 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 or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 12085 AW1 MA 21924
Inspector's Signature National Board, Province and Endorsements
Date March 26, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-006

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>CL</u></p> <p>5. (a) Applicable Construction Code <u>b31.1</u>, 1989 Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>2/11/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0201492</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>3</u></p>
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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			2-CL-18		Corrected	<input type="checkbox"/>

7. Description of Work Fabricate and install 2-CL-18. Replace flange bolting.

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

Other ☐ Pressure 200 psi Test Temp. Amb. ° 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 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 1-22-005

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

N/A

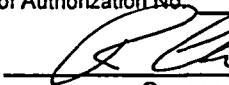
Certificate of Authorization No.

N/A

Expiration Date

N/A

Signed



, ASME Program Engineer

Date

4/1/03

03

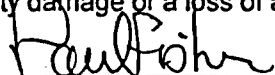
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by H.S. B. of CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 05/21/03 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.

Inspector's Signature



Commissions

MN# 039688 ANBI #5 C

National Board, Province and Endorsements

Date

05/21/03

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-005

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>CL</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, 1989 Edition</p> <p style="text-align: center;">Addenda <u>n/a</u> Code Case <u>n/a</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>2/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0201494</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>3</u></p>
--	--

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			2-CL-17		Corrected	<input type="checkbox"/>

7. Description of Work Fabricate and install 2-CL-17 and replaced flange fasteners.

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

Other ☐ Pressure 200 psi Test Temp. ambient 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 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 1-22-004

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer 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 Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn have inspected the components described in this Owner's Report during the period 22 SEP03 to 22 SEP03, 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.

[Signature] Commissions NB, 2085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 22, 2003

ITEM 1-22-004

Date 1/9/03

Sheet 1 of 2

0300064

Repair Organization P.O. No., Job No., etc

Type Code Symbol Stamp N/A

Authorization	N/A
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Expiration Date	N/A
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Code Class	2
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1967 Edition

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 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
VC Pipe Support (3")	BE			1-CVCH-1680	1970	Corrected	<input type="checkbox"/>

7. Description of Work	Replaced bolt assembly.
-------------------------------	-------------------------

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

Other ☐ **Pressure** psi **Test Temp.** ° 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 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 1-22-002

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 NIA

Certificate of Authorization No. NIA Expiration Date NIA

Signed R.B. Williams, ASME Program Engineer Date 2-19, 2003
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 HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 2/24/02 to 2/21/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 ABNE, ND 039600-CO
Inspector's Signature National Board, Province and Endorsements

Date 2/21/03

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-002

1. Owner Nuclear Management Company, LLC Date 9/18/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 0208641, 0115067, 01ZX01
Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
Same Name Authorization N/A
Address Expiration Date N/A
ZE Code Class 3
5. (a) Applicable Construction Code B31.1, 1989 Edition
Addenda n/a Code Case n/a N-416-1 Re 2/2/03
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda
(c) Applicable 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
11 SI Pump Unit Cooler	Krack			174-151	1971	Removed	<input type="checkbox"/>
11 SI Pump Unit Cooler	Krack			174-151	1990	Installed	<input type="checkbox"/>

7. Description of Work Replaced 11 SI pump motor unit cooler coils.
 8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 83 psl Test Temp. 44 ° 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 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 1-22-055

1. Owner Nuclear Management Company, LLC Date 12/14/2004
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
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
Address Expiration Date 6/4/07
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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Old Steam Generator	Westinghouse	1102	68-25	134-012	1968	Removed	<input checked="" type="checkbox"/>
New Steam Generator	Framatome	GV/PI292		134-012	2003	Installed	<input checked="" type="checkbox"/>

7. Description of Work Replaced the primary side of the Steam Generator.
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 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 1-22-055

9. 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

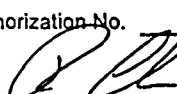
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date


12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 JUL 04 to 14 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924

National Board, Province and Endorsements

Date

January 14, 2005

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

Pg. 1 of 4

1. Manufactured and certified by FRAMATOME ANP - Usine de Chalon St. Marcel
Zone Industrielle et portuaire Sud - 71380 SAINT MARCEL - FRANCE
(Name and address of N Certificate Holder)

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
1717 WAKONADE DRIVE EAST - WELCH, MINNESOTA 55089 - USA
(Name and address)

4. Type Vertical Heat Exchanger GV/PI 292 N/A EE-G-DB-0568-B 162 2004
(horiz. or vert.) (tank, jacketed, heat ex.) (Cert. Holder serial n°) (CRN) (drawing n°) (Nat'l Bd. n°) (year built)

5. ASME Code, Section III, Division 1 1995 1996 1 See Remarks # 19
(edition) (addenda date) (class) (code case no.)

Items 6-10 Inclusive to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers

6. Shell See Supplementary sheet (page 3 of 4) - - 68' 3"
(mat'l spec. n°) (tensile strength) (nom. thickness (in.)) (min. design thickness (in.)) (dia. ID (ft. & inc.)) (length (overall) (ft. & inc.))

7. Seams N/A N/A N/A N/A Single Yes Full 5
(long..) (HT¹) (RT) (eff. %) (girth) (HT¹) (RT) (n° of courses)

8. Heads SA 508 Gr3 Cl 2 90 KSi N/A N/A
(a) mat'l spec. n° (tensile strength) (b) mat'l spec. n (year built) (tensile strength)

	Location (top, bottom, ends)	Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)	Top	3.54"	0.06"	N/A	N/A	2/1	N/A	N/A	N/A	Concave
(b)	Bottom	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

If removable, bolts used N/A Other fastening N/A
(mat'l, spec., n°, size, quantity) (describe or attach sketch)

9. Jacket closure : N/A
(describe as ogee & weld, bar, etc. If bar, give dimensions, describe or sketch)

10. Design pressure² 1085 at max. temp. 600 Min. pressure-test temp. 70 Pneu, hydro, or comb. Test pressure 1357
(psi) (°F) (°F) (psi)

Items 11 and 12 to be completed for tube sections

11. Tubesheets : SA 508 Gr3 Cl 2 129.42" 21.46" Welded
(stationary, mat'l, spec. n°) (dia. in. (subject to press.)) (thickness (in.)) (attachment (welded, bolted))
N/A N/A N/A N/A
(floating, mat'l spec. n°) (dia. (in.)) (thickness (in.)) (attachment)

12. Tubes : SB 163 UNS 06690 0.75" 0.043" 4868 U
(mat'l spec. n°) (OD (in.)) (thickness (inches or page)) (n°) (type (straight or U))

Items 13 to 16 Inclusive to be completed for inner chambers of jacketed vessels, or channels of heat exchangers

13. Shell : SA 508 Gr3 Cl 2 90 KSi 5.66" 5.4" 124.40" 15.35"
(mat'l spec. n°) (tensile strength) (nom. thickness (in.)) (min. design thickness (in.)) (dia. ID (in.)) (length overall) (ft. & in.)

14. Seams : N/A N/A N/A N/A Single/Double Yes Full 1
(long. (welded, Dbl., single) (HT¹ (yes or no) (RT) (eff. %) (girth) (HT¹) (RT) (n° of courses)

15. Heads SA 508 Gr3 Cl 2 90 KSi N/A N/A N/A N/A
(a) mat'l spec. n° (tensile strength) (b) mat'l spec. N° (tensile strength) (c) mat'l spec. n° (tensile strength)

Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a) Top, bottom, ends								
(b) Channel	5.29"	N/A	N/A	N/A	N/A	65.26"	N/A	Concave
(c) Floating	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

If removable, bolts used N/A Other fastening N/A
(mat'l spec. n°, size, quantity) (describe or attach sketch)

16. Design pressure² 2,485 at 650 Min. pressure-test temp. 70 Pneu, hydro, or comb. Test pressure 3107
(psi) (°F) (°F) (psi)

¹ If postweld heat treated. ² List other internal or external pressure with coincident temperature when applicable.

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in Items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.

(7/98)

This form (E00038) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

Certificate Holders' Serial No GV/PI 292

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

Purpose (inlet, outlet, drain, etc...)	Quantity	Dia. Or Size	Type	How Attached	Mat'l	Thickness	Reinforcement Material	Location

18. Supports : Skirt No Lugs N/A Legs N/A Other 4 support pads Attached Integral with channel head
 (yes or no) (quantity) (quantity) (describe) (where and how)

19. Remarks :

Code cases are : N-20-3 , N-71-16 , N411-1 , 2142, 2143, N401-1Primary hydrotest performed in shop; see attached N2 Data Reports GV/PI 292 (PIF) & GV/PI 292 (PSF)Secondary hydrotest performed on site; see attached N2 Data Report SG 12 - S/C 006Girth weld S/C006 performed on site - N Stamp performed on site NCA-8322.b

CERTIFICATION OF DESIGN

Design Specification certified by JOSELITO O.CALLE P.E. State Virginia Reg. n° 024373
 Design Report certified by HARRY T. HARRISON P.E. State Virginia Reg. n° 040201255

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this nuclear vessel conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization N° N-2771 Expires January 29, 2006

Date 9 November 2004 Name FRAMATOME ANP Signed _____
 (N Certificate Holder) (Authorized representative)

CERTIFICATE OF SHOP 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 the component described in this Data Report on 18 Feb 2004 and state that to the best of my knowledge and belief, the Certificate Holder has constructed 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 9 Nov 04 Signed _____ Commissions A.N NY 5258 - NB 12223
 (Authorized Nuclear Inspector) (Nat'l Bd. (incl. endorsements) and state or prov. And n°)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements on this report are correct and that the field assembly construction of all parts of this nuclear vessel conforms to the rules of construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization n° N-2771 Expires January 29, 2006

Date 9 November 2004 Name FRAMATOME ANP Signed _____
 (N Certificate Holder) (Authorized representative)

CERTIFICATE OF FIELD ASSEMBLY 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 compared the statements in this Data Report with the described component and state that parts referred to as data items 8 Nov '04, 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 9 Nov 04 Signed _____ Commissions A.N NY 5258 - NB 12223
 (Authorized Nuclear Inspector) (Nat'l Bd. (incl. endorsements) and state or prov. and n°)

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 292 Pg. 3 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
1717 WAKONADE DRIVE EAST – WELCH, MINNESOTA 55089 – USA
 (Name and address)
4. Type Vertical Heat Exchanger GV/PI 292 N/A EE-G-DB-0568-B 162 2004
 (horiz. or vert.) (tank, jacketed, heat. ex.) (Cert. Holder serial n°) (CRN) (drawing n°) (Nat'l Bd. n°) (year 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. ID (ft & inch.)
6	Lower shell	SA 508 Gr3 Cl 2	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"
	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 Framatome ANP Signed [Signature]
 (Certificate Holder) (Authorized representative)

Date 9 Nov 2004
 Signed [Signature] Commissions A. N. N012223 N7 6258
 (Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

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 292

Pg. 4 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
1717 WAKONADE DRIVE EAST – WELCH, MINNESOTA 55089 – USA
(Name and address)
4. Type Vertical Heat Exchanger GV/PI 292 N/A EE-G-DB-0568-B 162 2004
(horiz. or vert.) (tank, jacketed, heat. ex.) (Cert. Holder serial n°) (CRN) (drawing n°) (Nat'l Bd. n°) (year built)

17 – Nozzle inspection and safety valve opening

Table 2 – Nozzles and Access Openings

Purpose	Quantity	Dia. or Size	Type	How attached	Material	Thickness	Reinforcement Material	Location
Primary manways	2	18"	Integral	Integral forged	SA 508 Gr3 C1 2	6.4"	Integral	Channel head
Primary inlet	1	31.61"	Integral	Integral forged	SA 508 Gr3 C1 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 C1 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 3/4"	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"	Set in	Full penetration butt weld	SA 508 Gr3 C1 2	6.78"	Integral	Upper shell
Feedwater	1	13.94"	Set in	Full penetration butt weld	SA 508 Gr3 C1 2	6.1"/1.6"	Integral	Nozzle shell
Recirculation	1	2.63"	Set in	Full penetration butt weld	SA 508 Gr3 C1 2	1.9"/3.8"	N/A	Nozzle shell
Steam Outlet	1	32"	Integral	Integral forged	SA 508 Gr3 C1 2	2.2"/10.7"	Integral	Top head

Date 9 November 2004 Name FRAMATOME ANP Signed [Signature]
(Certificate Holder) (Authorized representative)

Date 9 Nov. 2004

Signed [Signature] Commissions A. N. N012223 NY 6268
(Authorized Nuclear Inspector) [Nat'l Board (Inc. Endorsements), State, Province and No]

**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
(name and address of NPT Certificate Holder)
2. Manufactured for FRAMATOME ANP-Usine de Chalon St. Marcel Zone Industrielle et portuaire Sud - 71380 Saint Marcel - France
(name and address of purchaser)
3. Location of installation Prairie Island Nuclear Generating Plant Unit 1 1717 Wakonade Drive East Welch, MN 55089
(name and address)
4. Type BUMPP/NGV4020 ER80S-D2 90 ksi minimum N/A 2004
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1995 1996 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision _____ Date _____
(no.)
7. Remarks: Site Girth weld between conical shell and nozzle shell
8. Nom. thickness (in.) 3.39 Min. design thickness (in.) 3.27 Dia. ID (ft & in.) 14' - 0 5/16" Length overall (ft & in.) N/A
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) <u>SG 12-S/C006</u>	<u>N/A</u>	(26) _____	
(2) _____		(27) _____	
(3) _____		(28) _____	
(4) _____		(29) _____	
(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) _____	
(24) _____		(49) _____	
(25) _____		(50) _____	

10. Design pressure 1085 psi. Temp. 600 °F. Hydro. test pressure 1357 psi / 70°F at temp. °F
(when applicable)

* 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.

Certificate Holder's Serial Nos. SG 12-S/C006 through

CERTIFICATION OF DESIGN

Design specifications certified by Joselito O. Calle P.E. State Virginia Reg. no. 024373
(when applicable)

Design report* certified by Harry T. Harrison P.E. State Virginia Reg. no. 040201255
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this ~~(these)~~ weld
 conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-3090-1 Expires May 31, 2005

Date 11-9-04 Name SGT Ltd. Signed [Signature]
(NPT Certificate Holder) (authorized representative)

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 MINNESOTA and employed by HARTFORD STEAM BOILER ITS SE COMPANY of HARTFORD, CT have inspected these items described in this Data Report on 11/9/04, 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 listed 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 in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 11/9/04 Signed Kurt A. Dulski Commissions NB 11863 A.N.I. MN 004029-CO
(Authorized Nuclear Inspector) [Nat'l Bd. (incl. endorsements) and state or prov. and no.]

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-056

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>RC</u></p> <p>5. (a) Applicable Construction Code <u>ASME III</u></p> <p style="text-align: center;">Addenda <u>1996</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>N-416-2</u></p>	<p>Date <u>12/14/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310372, 0310442, 0310436, DCP 03RC02, DCP 03SG01</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>1</u></p> <p><u>1995</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Old Steam Generator	Westinghouse	1101	68-24	134-011	1968	Removed	<input checked="" type="checkbox"/>
New Steam Generator	Framatome	GV/PI291		134-011	2003	Installed	<input checked="" type="checkbox"/>

7. Description of Work Replaced the primary side of the Steam Generator.

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 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 1-22-056

9. 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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 12/16/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 JUL 04 to 12 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.

[Signature] Commissions NB 120854W1 m/f 21924
Inspector's Signature National Board, Province and Endorsements
Date January 17, 2005

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

Pg. 1 of 4

1. Manufactured and certified by FRAMATOME ANP – Usine de Chalon St. Marcel
Zone Industrielle et portuaire Sud – 71380 SAINT MARCEL – FRANCE
(Name and address of N Certificate Holder)

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

1717 WAKONADE DRIVE EAST – WELCH, MINNESOTA 55089 – USA

(Name and address)
4. Type Vertical Heat Exchanger GV/PI 291 N/A EE-G-DB-0568-B 161 2004
(horiz. or vert.) (tank, jacketed, heat. ex.) (Cert. Holder serial n°) (CRN) (drawing n°) (Nat'l Bd. n°) (year built)

5. ASME Code, Section III, Division 1 1995 1996 1 See Remarks # 19
(edition) (addenda date) (class) (code case no.)

Items 6-10 Inclusive to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers

6. Shell See Supplementary sheet (page 3 of 4)
(mat'l spec. n°) (tensile strength) (nom. thickness (in.)) (min. design thickness (in.)) (dia. ID (ft & inc.)) (length (overall) (ft & inc.))

7. Seams N/A N/A N/A N/A Single Yes Full 5
(long.) (HT¹) (RT) (eff. %) (girth) (HT¹) (RT) (n° of courses)

8. Heads SA 508 Gr3 Cl 2 90 KSi N/A N/A
(a) mat'l spec. n° (tensile strength) ((b) mat'l spec. n (year built) (tensile strength)

	Location (top, bottom, ends)	Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)	Top	3.54"	0.06"	N/A	N/A	2/1	N/A	N/A	N/A	Concave
(b)	Bottom	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

If removable, bolts used N/A Other fastening N/A
(mat'l, spec., n°, size, quantity) (describe or attach sketch)

9. Jacket closure : N/A
(describe as ogee & weld, bar, etc. If bar, give dimensions, describe or sketch)

10. Design pressure² 1085 at max. temp. 600 Min. pressure-test temp. 70 Pneu, hydro, or comb. Test pressure 1357
(psi) (°F) (°F) (psi)

Items 11 and 12 to be completed for tube sections

11. Tubesheets : SA 508 Gr3 Cl 2 129.42" 21.46" Welded
(stationary, mat'l, spec. n°) (dia. in. (subject to press.)) (thickness (in.)) (attachment (welded, bolted))
N/A N/A N/A N/A
(floating, mat'l spec. n°) (dia. (in.)) (thickness (in.)) (attachment)
12. Tubes : SB 163 UNS 06690 0.75" 0.043" 4868 U
(mat'l spec n°) (OD (in.)) (thickness (inches or gage)) (n°) (type (straight or U))

Items 13 to 16 Inclusive to be completed for inner chambers of jacketed vessels, or channels of heat exchangers

13. Shell : SA 508 Gr3 Cl 2 90 Ksi 5.66" 5.4" 124.40" 15.35"
(mat'l, spec. n°) (tensile strength) (nom. thickness (in.)) (min. design thickness (in.)) (dia. ID (in.)) (length overall) (ft & inc.)

14. Seams : N/A N/A N/A N/A Single/Double Yes Full 1
(long. welded, Dbl., single) (HT¹ (yes or no) (RT) (eff. %) (girth) (HT¹) (RT) (n° of courses)

15. Heads SA 508 Gr3 Cl 2 90 KSi N/A N/A N/A N/A
(a) mat'l spec. n° (tensile strength) ((b) mat'l spec. n°) (tensile strength) ((c) mat'l spec. n°) (tensile strength)

	Location	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (convex or concave)
(a)	Top, bottom, ends								
(b)	Channel	5.29"	N/A	N/A	N/A	N/A	65.26"	N/A	Concave
(c)	Floating	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

If removable, bolts used N/A Other fastening N/A
(mat'l spec, n°, size, quantity) (describe or attach sketch)

16. Design pressure² 2.485 at 650 Min. pressure-test temp. 70 Pneu, hydro, or comb. Test pressure 3107
(psi) (°F) (°F) (psi)

¹ If postweld heat treated. ² List other internal or external pressure with coincident temperature when applicable.

* Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in Items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form.

Certificate Holders' Serial No GV/PI 291

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

Purpose (inlet, outlet, drain, etc...)	Quantity	Dia. Or Size	Type	How Attached	Mat'l	Thickness	Reinforcement Material	Location

18. Supports : Skirt No Lugs N/A Legs N/A Other 4 support pads Attached Integral with channel head
 (yes or no) (quantity) (quantity) (describe) (where and how)

19. Remarks :

Code cases are : N-20-3 , N-71-16 , N411-1 , 2142, 2143, N401-1Primary 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/C006Girth weld S/C006 performed on site - N Stamp performed on site NCA-8322.b

CERTIFICATION OF DESIGN

Design Specification certified by JOSELITO O.CALLE P.E. State Virginia Reg. n° 024373
 Design Report certified by HARRY T. HARRISON P.E. State Virginia Reg. n° 040201255

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this nuclear vessel conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization N° N-2771 Expires January 29, 2006

Date 9 November 2004 Name FRAMATOME ANP Signed _____
 (N Certificate Holder) (Authorized representative)

CERTIFICATE OF SHOP 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 the component described in this Data Report on 18 Feb 2004 and state that to the best of my knowledge and belief, the Certificate Holder has constructed 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 9 Nov '04 Signed [Signature] Commissions A.N NY 5258 - NB 12223
 (Authorized Nuclear Inspector) (Nat'l Bd. (incl. endorsements) and state or prov. And n°)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements on this report are correct and that the field assembly construction of all parts of this nuclear vessel conforms to the rules of construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization n° N-2771 Expires January 29, 2006

Date 9 November 2004 Name FRAMATOME ANP Signed _____
 (N Certificate Holder) (Authorized representative)

CERTIFICATE OF FIELD ASSEMBLY 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 compared the statements in this Data Report with the described component and state that parts referred to as data 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 9 Nov '04 Signed [Signature] Commissions A.N NY 5258 - NB 12223
 (Authorized Nuclear Inspector) (Nat'l Bd. (incl. endorsements) and state or prov. and n°)

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 Pg. 3 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
1717 WAKONADE DRIVE EAST – WELCH, MINNESOTA 55089 – USA
(Name and address)
4. Type Vertical Heat Exchanger GV/PI 291 N/A EE-G-DB-0568-B 161 2004
(horiz. or vert.) (tank, jacketed, heat. ex.) (Cert. Holder serial n°) (CRN) (drawing n°) (Nat'l Bd. n°) (year built)
EE-G-DB-0572-D

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.)
6	Lower shell	SA 508 Gr3 Cl 2	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"
	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 FRAMATOME ANP Signed [Signature]
(Certificate Holder) (Authorized representative)

Date 9 Nov. 2004
 Signed [Signature] Commissions A.N. NO12223 NY6268
(Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

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 Pg. 4 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
1717 WAKONADE DRIVE EAST – WELCH, MINNESOTA 55089 – USA

4. Type Vertical Heat Exchanger GV/PI 291 N/A EE-G-DB-0568-B 161 2004
(horiz. or vert.) (tank, jacketed, heat. ex.) (Cert. Holder serial n°) (CRN) (drawing n°) (Nat'l Bd.n°) (year built)

17 – Nozzle inspection and safety valve opening

Table 2 – Nozzles and Access Openings

Purpose	Quantity	Dia. or Size	Type	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 3/4"	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"	Set in	Full penetration butt weld	SA 508 Gr3 Cl 2	6.78"	Integral	Upper shell
Feedwater	1	13.94"	Set in	Full penetration butt weld	SA 508 Gr3 Cl 2	6.1"/1.6"	Integral	Nozzle shell
Recirculation	1	2.63"	Set in	Full penetration butt weld	SA 508 Gr3 Cl 2	1.9"/3.8"	N/A	Nozzle shell
Steam Outlet	1	32"	Integral	Integral forged	SA 508 Gr3 Cl 2	2.2"/10.7"	Integral	Top head

Date 9 November 2004 Name FRAMATOME ANP Signed [Signature]
(Certificate Holder) (Authorized representative)

Date 9 Nov 2004

Signed [Signature] Commissions A.N. NB12223 NY5258
(Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

**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
(name and address of NPT Certificate Holder)
2. Manufactured for FRAMATOME ANP-Usine de Chalon St. Marcel Zone Industrielle et portuaire Sud - 71380 Saint Marcel - France
(name and address of purchaser)
3. Location of installation Prairie Island Nuclear Generating Plant Unit 1 1717 Wakonade Drive East Welch, MN 55089
(name and address)
4. Type BUMPP/NGV4020 ER80S-D2 90 ksi minimum N/A 2004
(drawing no.) (mat'l. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III, Division 1: 1995 1996 1 N/A
(edition) (addenda date) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision _____ Date _____
(no.)
7. Remarks: Site Girth weld between conical shell and nozzle shell

8. Nom. thickness (in.) 3.39 Min. design thickness (in.) 3.27 Dia. ID (ft & in.) 14' - 0 5/16" Length overall (ft & in.) N/A
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
(1) <u>SG 11-S/C006</u>	<u>N/A</u>
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

10. Design pressure 1085 psi. Temp. 600 °F. Hydro. test pressure 1357 psi / 70°F at temp. °F
(when applicable)

* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 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.

Certificate Holder's Serial Nos. SG 11-S/C006 through _____

CERTIFICATION OF DESIGN

Design specifications certified by Joselito O. Calle P.E. State Virginia Reg. no. 024373
(when applicable)

Design report* certified by Harry T. Harrison P.E. State Virginia Reg. no. 040201255
(when applicable)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this ~~(these)~~ weld
 conforms to the rules of construction of the ASME Code, Section III, Division 1.

NPT Certificate of Authorization No. N-3090-1 Expires May 31, 2005

Date 11-08-04 Name SGT Ltd. Signed R. Lucy Distich for
(NPT Certificate Holder) (authorized representative) RDM

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 MINNESOTA and employed by HARTFORD STEAM BOILER I+I OF CONNECTICUT
 of HARTFORD, CT have inspected these items described in this Data Report on 11/9/04, 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 listed 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 in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 11/9/04 Signed Kurt A. Antulski Commissions NB 11863 A.V.I. MN 004025-CO
(Authorized Nuclear Inspector) [Nat'l. Bd. (incl. endorsements) and state or prov. and no.]

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-057

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>MS, SG</u></p> <p>5. (a) Applicable Construction Code <u>ASME III</u></p> <p style="text-align: center;">Addenda <u>1996</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/16/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310379, 0310472, 0310229, 0310231, DCP 03SG01</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>2</u></p> <p><u>1995</u> Edition</p> <p>Code Case <u>N-416-2</u></p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Rigid Restraint				MSH-1		Removed	<input type="checkbox"/>
Original Steam Generator	Westinghouse	1102	68-25	134-012		Removed	<input checked="" type="checkbox"/>
New Steam Generator	Framatome	GV/PI292		134-012	2003	Installed	<input checked="" type="checkbox"/>

7. Description of Work 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.

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

Other ☐ Pressure NOP 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 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 1-22-057

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

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.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 22 JUL 04 to 04 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.

Inspector's Signature

Commissions

NB 17085 AW. md 21924
National Board, Province and Endorsements

Date

January 04, 2005

**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 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 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
(Name and address)
1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA

4. Type See supplementary sheets N/A 2004
(drawing no.) (matl spec no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1 1995 1996 1 See remarks
(edition) (addenda) (class) (code case no.)

6. Fabricated in accordance with Const. Spec. (Div 2 only) N/A Revision _____ Date _____
(no.)

7. Remarks: Code cases are : N-71-16, N 411-1
The secondary side hydrotest is not completed

8. Nom. Thickness (in.) Supp. sheet Min. des thickness (in.) 3.27" Dia. ID (ft & in) See supplementary sheets
Length overall (ft & in.) 24' 6.1"

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
GV/PI 292 (PSF)	N/A		
1.		19.	
2.		20.	
3.		21.	
4.		22.	
5.		23.	
6.		24.	
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 Supp. sheets psi Temp. Supp. sheets Deg. F Hydro. Test Pressure N/A @ Temp Deg F

FORM N-2 (Back - Pg 2 of 5)

Certificate Holders' Serial Nos GV/PI 292 (PSF) through _____

CERTIFICATION OF DESIGN

Design Specifications Certified by Joselito O. CALLE P.E. State North Carolina Reg. No. 022219

Deign Report Certified by Harry T. HARRISON P.E. State Virginia 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. N - 2772 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 Al Sewell Commissions A.N NY 5258

(Authorized Nuclear Inspector)

(Nat'l Board Endsmts, State or Prov. and no.)

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

Certificate Holder's Serial Nos. GV/PI 292 (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 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
1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA
4. Component or Part STEAM GENERATOR UPPER PART
5. 2004 N/A N/A
(year built) (CRN) (Nat'l Board No.)

Data Items by Line No.	
<u>4</u>	Drawing N°
	REV
	BUMPP/NGV 2002 A
	BUEPP/NGV 6105 K
	Material Specification
	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)
	Nozzle shell 90 Ksi
	Upper shell 90 Ksi
	Elliptical head 90 Ksi
	Feedwater nozzle 90 Ksi
	Recirculation nozzle 90 Ksi
	Secondary manway 90 Ksi

Date 04/21/04 Name FRAMATOME ANP Signed G. FRONTIERE
(Certificate Holder) (Authorized representative)

Date 21 April '04

Signed [Signature] Commissions A.N. NY 6258
(Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

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

Certificate Holder's Serial Nos. GV/PI 292 (PSF) Pg. 4 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 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
1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA
4. Component or Part STEAM GENERATOR UPPER PART
5. 2004 N/A N/A
(year built) (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 from ASME code, Section III, Appendice 1, Table I-1.0 which refers to Section II, Part D, Subpart 1, Table U
8	Nominal thickness (in)
	Nozzle shell 3.39"
	Upper shell 3.39"
	Elliptical head 3.54"
	Feedwater nozzle 3.52"
	Recirculation nozzle 3.52"
	Secondary manway 3.46"
	Instrumentation tap 3/4" 0.64"
	Instrumentation tap 1" 0.67"
	Dia ID. (ft & in.)
	Nozzle shell 14' 0.32"
	Upper shell 14' 0.32"
	Elliptical head 14' 0.32"

Date 04/21/06 Name FRAMATOME ANP Signed G. FRONTIERE
(Certificate Holder) (Authorized representative)

Date 21 April '06
Signed *Alberic* Commissions A. N. NY 5258
(Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-058

1. Owner Nuclear Management Company, LLC Date 12/16/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
0310375, 0310471, 0310229, 0310231, DCP 03SG01

3. Work Performed by SGT Ltd. Repair Organization P.O. No., Job No., etc

Name
400 S. Tyron St. Suite 2100, Charlotte, NC 28285

Address
MS, SG

4. Identification of System MS, SG

5. (a) Applicable Construction Code ASME III, 1995 Edition

Addenda 1996 Code Case N-416-2

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
Rigid Restraint				MSH-11		Removed	<input type="checkbox"/>
Original Steam Generator	Westinghouse	1101	68-24	134-011		Removed	<input checked="" type="checkbox"/>
New Steam Generator	Framatome	GV/PI291		134-011	2003	Installed	<input checked="" type="checkbox"/>

7. Description of Work 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.

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

Other ☐ Pressure NOP 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 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 1-22-058

9. Remarks This work is in support of the Unit 1 Steam Generator Replacement. The N-2 Data Sheet for the upper part is attached to this NIS-2. The N-1 for the entire vessel is attached to NIS-2 for Item # 1-22-056.

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.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 20 JUL 04 to 04 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.

Inspector's Signature



Commissions

NB 1695 AWI MN 21924
National Board, Province and Endorsements

Date

January 04, 2005

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

4. Type See supplementary sheets N/A 2004
(drawing no.) (mat'l spec no.) (tensile strength) (CRN) (year built)

5. ASME Code, Section III, Division 1 1995 1996 1 See remarks
(edition) (addenda) (class) (code case no.)

6. Fabricated in accordance with Const. Spec. (Div 2 only) N/A Revision _____ Date _____
(no.)

7. Remarks: Code cases are : N-71-16, N 411-1

The secondary side hydrotest is not completed

8. Nom. Thickness (in.) Supp. sheet Min. des thickness (in.) 3.27" Dia. ID (ft & in) See supplementary sheets
Length overall (ft & in.) 24' 6.1"

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.	
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 Supp. sheets psi Temp. Supp. sheets Deg. F Hydro. Test Pressure N/A @ Temp Deg F

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

Design Report Certified by Harry T.HARRISON P.E. State Virginia 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. N - 2772 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 *Al Seaver* Commissions A.N NY 5258

(Authorized Nuclear Inspector)

(Natl Board Endsmts, State or Prov. and no.)

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

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 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
1717 Wakonade Drive East – WELCH, MINNESOTA 55089 - USA
4. Component or Part STEAM GENERATOR UPPER PART
5. 2004 N/A N/A
(year built) (CRN) (Nat'l Board No.)

Data Items by Line No.	
<u>4</u>	Drawing N° REV
	BUMPP/NGV 2001 C
	BUEPP/NGV 6105 K
	Material Specification 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 ¾" 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
	Recirculation nozzle 90 Ksi
	Secondary manway 90 Ksi

Date 04/21/04 Name FRAMATOME ANP Signed G. FRONTIERE
(Certificate Holder) (Authorized representative)

Date 21 April '04

Signed *Adesweil* Commissions A.N. NY6258
(Authorized Nuclear Inspector) [Nat'l Board (Inc. Endorsements), State, Province and No]

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

Certificate Holder's Serial Nos. GV/PI 291 (PSF) Pg. 4 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 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
1717 Wakonade Drive East – WELCH, MINNESOTA 55089 - USA
4. Component or Part STEAM GENERATOR UPPER PART
5. 2004 N/A N/A
(year built) (CRN) (Nat'l Board No.)

Data Items by Line No.	
4	Instrumentation tap ¾" 70 Ksi
	Instrumentation tap 1" 70 Ksi
	Note 1 : tensile strength value Su from ASME code, Section III, Appendice 1, Table I-1.0 which refers to Section II, Part D, Subpart 1, Table U
8	Nominal thickness (in)
	Nozzle shell 3.39"
	Upper shell 3.39"
	Elliptical head 3.54"
	Feedwater nozzle 3.52"
	Recirculation nozzle 3.52"
	Secondary manway 3.46"
	Instrumentation tap ¾" 0.64"
	Instrumentation tap 1" 0.67"
	Dia ID. (ft & in.)
	Nozzle shell 14' 0.32"
	Upper shell 14' 0.32"
	Elliptical head 14' 0.32"

Date 04/21/04 Name FRAMATOME ANP Signed G. FRONTIERE
(Certificate Holder) (Authorized representative)

Date 21 April '04
Signed [Signature] Commissions A. N. NY 258
(Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

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

Certificate Holder's Serial Nos. GV/PI 291 (PSF) Pg. 5 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 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
1717 Wakonade Drive East - WELCH, MINNESOTA 55089 - USA
4. Component or Part STEAM GENERATOR UPPER PART
5. 2004 N/A N/A
(year built) (CRN) (Nat'l Board No.)

[illegible]

Date 04/21/04 Name FRAMATOME ANP Signed G. FRONTIERE
(Certificate Holder) (Authorized representative)

Date 21 April '04

Signed [Signature] Commissions A. N. NY 5258
(Authorized Nuclear Inspector) (Nat'l Board (Inc. Endorsements), State, Province and No)

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-059

1. Owner Nuclear Management Company, LLC Date 12/16/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
SGT Ltd.

3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT

Name
400 S. Tyron St. Suite 2100, Charlotte, NC 28285

Address
AF, FW

4. Identification of System AF, FW Authorization N-3090-1

5. (a) Applicable Construction Code ASME III, 1995 Edition

Addenda 1996 Code Case 1989 With No Addenda

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
Aux. Feed line 3-AF-11						Removed	<input type="checkbox"/>
Aux. Feed line 3-AF-11						Installed	<input type="checkbox"/>
Feed Water line 16-FW-13						Removed	<input type="checkbox"/>
Feed Water line 16-FW-13						Installed	<input type="checkbox"/>

7. Description of Work Piping was removed and replaced in support of the installation of the secondary side of the replacement steam generator.

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

Other ☒ Pressure 1362 psi Test Temp. 84 ° F

Other: This work includes a contingency cut and weld in the Aux. Feed system downstream of the isolation and check valves. If contingency is necessary, this weld will be pressure tested in accordance with Code Case N-416-2.

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 1-22-059

9. 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

N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

12/16/04

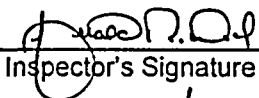
Owner or Owner's Designee, Title

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 JUL 04 to 06 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.

Inspector's Signature



Commissions

NB 17035 ANI

MN 31924

National Board, Province and Endorsements

Date

January 06, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-060

1. Owner Nuclear Management Company, LLC Date 1-6-05

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
SGT Ltd.

Repair Organization P.O. No., Job No., etc
0310383, 3010477, 0310228, DCP 03SG01

3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT

Name
400 S. Tyron St. Suite 2100, Charlotte, NC 28285

Address
AF, FW

Authorization
N-3090-1

Expiration Date
6/7/04

4. Identification of System AF, FW Code Class 2

5. (a) Applicable Construction Code ASME III, 1995 Edition

Addenda 1996 Code Case

(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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Aux. Feed line 3-AF-12						Removed	<input type="checkbox"/>
Aux. Feed line 3-AF-12						Installed	<input type="checkbox"/>
Feed Water line 16-FW-16						Removed	<input type="checkbox"/>
Feed Water line 16-FW-16						Installed	<input type="checkbox"/>

7. Description of Work Piping was removed and reinstalled in support of the installation of the secondary side of the replacement steam generator.

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

Other ☒ Pressure psi Test Temp. ° F

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 1-22-060

9. Remarks This work is in support of the Unit 1 Steam Generator Replacement. A system leakage test was performed 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.

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

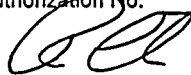
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

1/6/05

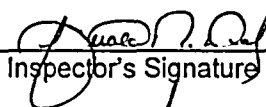
Owner or Owner's Designee, Title

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 JUL 04 to 06 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.

Inspector's Signature



Commissions

SB 1255 ANI MN 21924
National Board, Province and Endorsements

Date

January 06, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-061

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>SGT Ltd.</u></p> <p style="text-align: center;">Name</p> <p><u>400 S. Tyron St. Suite 2100, Charlotte, NC 28285</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SG</u></p> <p>5. (a) Applicable Construction Code <u>AISC 9th Edition, ASME VIII</u></p> <p style="text-align: center;">Addenda <u>96</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/14/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0310360, 0310433, DCP 03RC02</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>NPT</u></p> <p>Authorization <u>N-3090-1</u></p> <p>Expiration Date <u>6/4/07</u></p> <p>Code Class <u>1</u></p> <p><u>1995</u> Edition</p> <p>Code Case _____</p>
--	--

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Column 1				H-13		Corrected	<input type="checkbox"/>
Column 2				H-14		Corrected	<input type="checkbox"/>
Column 3				H-15		Corrected	<input type="checkbox"/>
Column 4				H-16		Corrected	<input type="checkbox"/>

7. Description of Work Modified the support column swivel adapter and bumper blocks.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-061

9. Remarks These activities are in support 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

NIA

Certificate of Authorization No.

NIA

Expiration Date

Signed



ASME Program Engineer

Date


12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 27 MAY 04 to 04 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.


Inspector's Signature

Commissions

NO 12085 ANI MAJ 21924
National Board, Province and Endorsements

Date

January 04, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-062

1. Owner Nuclear Management Company, LLC Date 12/14/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089

Address

0310363, 0310435, DCP 03RC02

Repair Organization P.O. No., Job No., etc

3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT

Name

400 S. Tyron St. Suite 2100, Charlotte, NC 28285

Address

Authorization N-3090-1

Expiration Date 6/4/07

4. Identification of System SG Code Class 1

5. (a) Applicable Construction Code AISC 9th Edition, ASME VIII 1995 Edition

Addenda 96 Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
Column 1				H-13		Corrected	<input type="checkbox"/>
Column 2				H-14		Corrected	<input type="checkbox"/>
Column 3				H-15		Corrected	<input type="checkbox"/>
Column 4				H-16		Corrected	<input type="checkbox"/>

7. Description of Work Modified the support column swivel adapter and bumper blocks.

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

Other ☐ Pressure psi Test Temp. ° 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 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 1-22-062

9. Remarks These activities are in support 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 N/A

Certificate of Authorization No. N/A

Expiration Date _____

Signed _____

ASME Program Engineer

Date 12/16/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 27 MAY 04 to 04 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.

Inspector's Signature _____

Commissions _____

NB 1055 AS1 MD 21924
National Board, Province and Endorsements

Date _____

January 04, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-063

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>RH</u></p> <p>5. (a) Applicable Construction Code <u>ASA 300</u></p> <p style="text-align: center;">Addenda</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/3/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0309712, EEC-1359</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p>Code Case <u></u></p> <p>Edition <u></u></p>
--	--

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
12 RHR Discharge Pump Line valve	Crane			RH-2-1		Corrected	<input type="checkbox"/>

7. Description of Work Replaced body to bonnet fasteners.

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

Other ☐ Pressure NOP psi Test Temp. NOT °F

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 1-22-063

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. N/A Expiration Date _____

Signed [Signature] ASME Program Engineer Date 12/13/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 28 JUL 04 to 19 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.

Inspector's Signature [Signature] Commissions NB 12055 AWI MN 21924
National Board, Province and Endorsements

Date January 19, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-064

1. Owner Nuclear Management Company, LLC Date 11/30/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0209698, EEC-1359

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

Same Authorization N/A

4. Identification of System RH Expiration Date N/A

Name

Same Code Class 2

5. (a) Applicable Construction Code ASA 300 Edition

Addenda

None Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
11 RHR HX Tube Inlet	Crane			RH-1-4		Corrected	<input type="checkbox"/>

7. Description of Work Replaced body to bonnet fasteners.

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

Other ☐ Pressure NOP psi Test Temp. NOT °F

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

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/30/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 JUL 04 to 19 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.

Inspector's Signature [Signature]

Commissions NB 12085 MI MA 21924
National Board, Province and Endorsements

Date January 19, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-065

1. Owner Nuclear Management Company, LLC Date 1/10/2005
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 0304370, EEC-1310
Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
Same Name Authorization N/A
Address Expiration Date N/A
VC Code Class 2
4. Identification of System VC
5. (a) Applicable Construction Code ASME VIII, 2001 Edition
Addenda 2003 Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda
 (c) Applicable 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
11/12 RC PMP Dch relief valve	Crosby			VC-25-1	1968	Removed	<input checked="" type="checkbox"/>
11/12 RC PMP Dch relief valve	Crosby	03-08975		VC-25-1	2003	Installed	<input checked="" type="checkbox"/>

7. Description of Work Replaced relief valve for IST testing.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
Other ☒ Pressure psi Test Temp. °F
 Other: The replacement valve was subjected to a functional test at the factory.

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 1-22-065

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

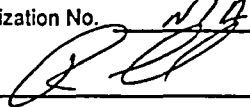
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

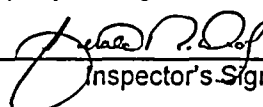
1/10/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 06 AUG 04 to 10 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.


Inspector's Signature

Commissions

JB 12085 ANI mJ 21924

National Board, Province and Endorsements

Date

January 10, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-066

1. Owner Nuclear Management Company, LLC Date 10/11/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0309378

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Authorization N/A

Address

4. Identification of System SG Expiration Date N/A

SG

Code Class 2

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

Addenda n/a 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 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
SG Snubber Block Valve	McDowell Welman	72218-000-04		12 S/G 04 01	1969	Removed	<input type="checkbox"/>
SG Snubber Block Valve	McDowell Welman	72218-000-018		12 S/G 04 01	1969	Installed	<input type="checkbox"/>

*RC 11/2/04 1200
DAW 12NOV04*

7. Description of Work Replaced valve block.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-066

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. N/A Expiration Date _____

Signed [Signature], 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 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 28 JUL 04 to 12 NOV 04, 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.

[Signature] Commissions NB 17055 AND MN 21924
Inspector's Signature National Board, Province and Endorsements
Date November 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-067

1. Owner Nuclear Management Company, LLC Date 10/11/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0309311

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

SG Authorization N/A

4. Identification of System SG Expiration Date N/A

Code Class

2

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

Addenda n/a 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 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
SG Snubber Block Valve	McDowell Welman	72218-000-20		11 S/G 01	1969	Removed	<input type="checkbox"/>
SG Snubber Block Valve	McDowell Welman	72218-000-15		11 S/G 01	1969	Installed	<input type="checkbox"/>

7. Description of Work Replaced valve block.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-067

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

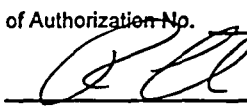
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

10/11/04

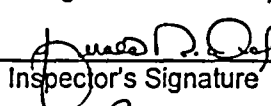
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure 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 28 JUL 04 to 12 NOV 04, 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 16085 ANI ¹¹⁰⁷NB 16085 MN 3924
National Board, Province and Endorsements

Date

November 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-068

1. Owner	Nuclear Management Company, LLC	Date	11/30/2004
Name			
2. Plant	Prairie Island Nuclear Generating Plant	Sheet	1 of 2
Name			
1717 Wakonade Dr. E, Welch Minnesota 55089		0309476, 0309477, DCP03SG05	
Address		Repair Organization P.O. No., Job No., etc	
3. Work Performed by	Owner	Type Code Symbol Stamp	N/A
		Authorization	N/A
Name		Expiration Date	N/A
Same		Code Class	2
Address			
4. Identification of System	SG		
5. (a) Applicable Construction Code	B31.1	1967	Edition
Addenda		Code Case	
(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity		1989 With No Addenda	
(c) Applicable 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
Steam Gen. 3" external recirc. Line						Installed	<input type="checkbox"/>

7. Description of Work	Install external recirc. piping and valve.		
8. Tests conducted:	Hydrostatic <input checked="" type="checkbox"/>	Pneumatic <input type="checkbox"/>	Nominal Operating Pressure <input type="checkbox"/> Exempt <input type="checkbox"/>
	Other <input type="checkbox"/>	Pressure 1360 psi	Test Temp. 84 °F
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 1-22-068

9. Remarks This work is part of the replacement of the Unit 1 Steam Generators.

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/30/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 JUL 04 to 12 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.

Inspector's Signature [Signature] Commissions SB 17085 ANI MN 2924
National Board, Province and Endorsements

Date [Signature] 12, 2005

ITEM 1-22-069

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Steam Gen. 3" external recirc. Line						Installed	<input type="checkbox"/>

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 1-22-069

9. Remarks This work is part of the replacement of the Unit 1 Steam Generators.

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

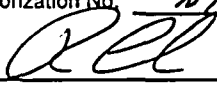
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

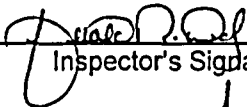
11/30/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 JUL 04 to 12 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.


Inspector's Signature

Commissions

NB 1685 AWI MD 21924
National Board, Province and Endorsements

Date

January 12, 2005

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

ITEM 1-22-070

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/1/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 28 JUL 04 to 01 NOV 04, 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.

[Signature] Commissions NB 12085 MW MA 21924
Inspector's Signature National Board, Province and Endorsements
Date 7 November 01, 2004

ITEM 1-22-071

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 RHR HX Outlet valve	Crane			RH-2-6	1968	Corrected	<input type="checkbox"/>

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 1-22-071

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.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

10/17/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 28 JUL 04 to 17 OCT 04, 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 17085 ANI MN 21924

National Board, Province and Endorsements

Date

Oct 17, 2004

ITEM 1-22-072

6. Identification of Components

7. Description of Work Replaced body to bonnet fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

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 1-22-072

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/8/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 12 AUG 04 to 12 NOV 04, 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.

[Signature] Commissions NB 17085 AWI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date November 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-073

1. Owner Nuclear Management Company, LLC Date 1/12/2005
- Name _____
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
- Name _____
- 1717 Wakonade Dr. E, Welch Minnesota 55089
- Address _____
- 0309410, 0309412, 0306712
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc. _____
- Name _____
- Same _____
- Address _____
- Type Code Symbol Stamp N/A
- Authorization N/A
- Expiration Date N/A
4. Identification of System CC Code Class 3
5. (a) Applicable Construction Code ASME III, Class C, 1968 Edition
- 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
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 CC Heat Exchanger	Yuba	69G229-1A	1890	135-031	1969	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Replaced end flanges and covers, attached lifting lugs to the end covers, and performed shell weld repairs as necessary to remove pitting of internal surfaces.
8. Tests conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☐ Pressure 165 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 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 1-22-073

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 N/A

Certificate of Authorization No. N/A

Expiration Date _____

Signed [Signature]

, ASME Program Engineer

Date 1/12/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 Jul 04 to 12 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.

[Signature]
Inspector's Signature

Commissions

NB 12085 AND MD 21924

National Board, Province and Endorsements

Date

January 12, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-074

1. Owner Nuclear Management Company, LLC Date 1/21/2005
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 0309418
Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
Same Authorization N/A
Address Expiration Date N/A
4. Identification of System CC Code Class 3
5. (a) Applicable Construction Code ASME III, Class C, 1968 Edition
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
6. 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 plates	Yuba	69G229-1B	1890	135-032	1969	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Attached lifting lugs to the end covers that will be installed at the next refueling outage.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure psi Test Temp. ° 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 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 1-22-074

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 1/21/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 JUL 04 to 24 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.

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date January 21, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-075

1. Owner Nuclear Management Company, LLC Date 11/12/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0403586

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

CL Authorization N/A

4. Identification of System CL Expiration Date N/A

Code Class

3

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

Addenda

Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
12 Containment FCU	Westinghouse			174-012		Corrected	<input type="checkbox"/>

7. Description of Work Replaced flange fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-075

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/12/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 JUN 04 to 12 NOV 04, 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 [Signature] Commissions NB 17085 ANI MN 21924
National Board, Province and Endorsements

Date November 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-076

1. Owner Nuclear Management Company, LLC Date 10/15/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0300316, EEC-1196

Address Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Same Type Code Symbol Stamp N/A

Name Same Authorization N/A

Address VC Expiration Date N/A

4. Identification of System VC Code Class 1

5. (a) Applicable Construction Code ASME III, 1968 Edition

Addenda Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
11 Excess Letdown HX	Atlas			135-011	1968	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Replaced flange to head fasteners.

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

Other ☐ Pressure psi Test Temp. ° 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 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 1-22-076

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 10/15/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 29 JUL 04 to 15 OCT 04, 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.

[Signature] Commissions SB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 15, 2004

ITEM 1-22-077

6. Identification of Components

7. Description of Work Replaced discharge flange fasteners.

Other: no other info

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 1-22-077

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. N/A Expiration Date _____
Signed [Signature], ASME Program Engineer Date 7/13/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 16 JUN 04 to 13 JUL 04, 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.

[Signature] Commissions NB 1984 ANI MD 21924
Inspector's Signature National Board, Province and Endorsements
Date July 13, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-078

1. Owner Nuclear Management Company, LLC Date 1/12/2005
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089
- Address 0303945, 0303946, 0303949, DCP03CS02
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc N/A
- Name Same Authorization N/A
- Address CS Expiration Date N/A
4. Identification of System CS Code Class 2
5. (a) Applicable Construction Code B31.1, 1989 Edition
- Addenda Code Case
- (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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 CS PMP Test Dsch. 2nd Isol.				CS-26-3		Installed	<input type="checkbox"/>
11 CS PMP Test suct. Isol.				CS-26-5		Installed	<input type="checkbox"/>
12 CS PMP Test Dsch. 1st Isol.				CS-26-2		Installed	<input type="checkbox"/>
12 CS PMP Test Dsch. 2nd Isol.				CS-26-4		Installed	<input type="checkbox"/>
12 CS PMP Test suct. Isol.				CS-26-6		Installed	<input type="checkbox"/>
6" Containment Spray Piping				6-CS-32		Installed	<input type="checkbox"/>
6" Containment Spray Piping				6-CS-35		Installed	<input type="checkbox"/>
CS System Hanger				1-CSH-2		Removed	<input type="checkbox"/>
8" Containment Spray Pipe				8-CS-4		Removed	<input type="checkbox"/>
8x8x6 Tee Containment Spray line				8-CS-4		Installed	<input type="checkbox"/>
11 CS PMP Test Dsch. 1st Isol.				CS-26-1		Installed	<input type="checkbox"/>

7. Description of Work Added recirculation lines to Containment Spray piping. Removed piping support. Replaced support bolting on 11 & 12 CS pumps.

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

Other ☐ Pressure NOP 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 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 1-22-078

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature] , ASME Program Engineer Date 1/12/05 , _____
 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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 06 AUG-04 to 18 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.

[Signature] Commissions NB 12055 121 MA 21924
 Inspector's Signature National Board, Province and Endorsements

Date January 18, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-079

1. Owner Nuclear Management Company, LLC Date 11/1/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0403587, EEC-1096

Address Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Type Code Symbol Stamp N/A

Name Same Authorization N/A

Address MS Expiration Date N/A

4. Identification of System MS Code Class 2

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

Addenda Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
11 SG MS HDR Relief Valve	Consolidated			RS-21-3		Corrected	<input type="checkbox"/>
11 SG MS HDR Relief Valve	Consolidated			RS-21-5		Corrected	<input type="checkbox"/>

7. Description of Work Replace flange fasteners.

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

Other ☐ Pressure psi Test Temp. ° F

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 1-22-079

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/1/04,
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 09 SEP 04 to 01 NOV 04, 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 [Signature] Commissions NB 12085 NJ, MA 21924
National Board, Province and Endorsements

Date November 01, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-080

1. Owner Nuclear Management Company, LLC Date 1/7/2005
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 0301139
Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
Same Authorization N/A
Address Expiration Date N/A
CS Code Class 2
5. (a) Applicable Construction Code n/a Edition
Addenda Code Case
 (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda
 (c) Applicable 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
11 Containment Spray Pump	Ingersoll Rand			145-101		Corrected	<input type="checkbox"/>

7. Description of Work Replaced mechanical seal including gland plate.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
 Other ☐ Pressure psi Test Temp. °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 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 1-22-080

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

N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

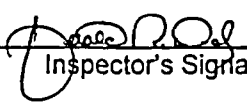
1/7/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 AUG 04 to 10 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.


Inspector's Signature

Commissions

NB 19015 ANI MN 21924
National Board, Province and Endorsements

Date

January 10, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-081

1. Owner Nuclear Management Company, LLC Date 10/26/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0407196, SPCE-ME-0453

Address

Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Same Name Same Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

Code Class 2

4. Identification of System VC

5. (a) Applicable Construction Code n/a, n/a Edition n/a

Addenda n/a 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 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
12 BATP	Goulds	792A190-2		145-612		Corrected	<input type="checkbox"/>

7. Description of Work Replaced the mechanical seal gland plate.

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

Other ☐ Pressure 150 psi Test Temp. 70 ° 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 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

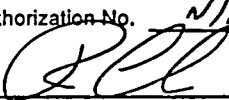
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

10/26/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 12 SEP 04 to 28 OCT 04, 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 17085 ANI MN 21924
National Board, Province and Endorsements

Date

October 28, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-082

1. Owner Nuclear Management Company, LLC Date 11/1/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0407276

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

4. Identification of System MS Authorization N/A

MS

Expiration Date N/A

Code Class 2

5. (a) Applicable Construction Code B16.5, XH-1112 Edition

Addenda n/a 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 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 MSIV	Shutte & Koerting		n/a	CV-31098	1970	Corrected	<input type="checkbox"/>

7. Description of Work Replaced disc.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-082

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/1/04,
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 16 SEP 04 to 03 NOV 04, 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 [Signature] Commissions NB 12085 MI MN 21924
National Board, Province and Endorsements

Date November 03, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-085

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>AF</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, 1967 Edition</p> <p style="text-align: center;">Addenda</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>11/9/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0407291</u></p> <p>Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>2</u></p> <p>Code Case</p>
--	---

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 Engineers			1-AFWH-88		Corrected	<input type="checkbox"/>

7. Description of Work Reassembled spring hanger.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

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.

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], 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 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 23 SEP 04 to 12 NOV 04, 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.

[Signature] Commissions NB 17035 AWI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date November 12, 2004

ITEM 1-22-086

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 RHR Heat Exchanger	Joseph Oats	1817-1A	340	135-051	1968	Corrected	☑

7. Description of Work	Replaced flange fasteners.						
8. Tests conducted:	Hydrostatic <input type="checkbox"/>	Pneumatic <input type="checkbox"/>	Nominal Operating Pressure <input checked="" type="checkbox"/>		Exempt <input type="checkbox"/>		
	Other <input type="checkbox"/>	Pressure	NOP	psi	Test Temp.	NOT	° 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.

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

ITEM 1-22-086

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 12/3/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 21 SEP 04 to 28 DEC 04, 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.

[Signature] Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date December 28, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-087

1. Owner Nuclear Management Company, LLC Date 11/30/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0407227

Address _____ Repair Organization P.O. No., Job No., etc _____

3. Work Performed by Owner Type Code Symbol Stamp N/A

Name _____ Authorization N/A

Same _____ Expiration Date N/A

4. Identification of System RH Code Class 1

Address _____

5. (a) Applicable Construction Code B16.34 Edition _____

Addenda _____ Code Case _____

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
RCS Lp B hot leg RHR Sup.	Velan			MV32231		Corrected	<input type="checkbox"/>

7. Description of Work Replaced body to bonnet fasteners.

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

Other ☐ Pressure NOP psi Test Temp. NOT °F

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 1-22-087

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/30/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 29 SEP04 to 28 DEC04, 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.

[Signature]
Inspector's Signature

Commissions NB 12035 and md 21924
National Board, Province and Endorsements

Date December 28, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-088

1. Owner Nuclear Management Company, LLC Date 11/15/2004

2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 0401076

Address Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Type Code Symbol Stamp N/A

Name Authorization N/A

Same Address Expiration Date N/A

4. Identification of System VC Code Class 2

5. (a) Applicable Construction Code n/a, n/a Edition

Addenda n/a 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 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 Charging Pump	Ajax			145-041	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced charging pump packing assemblies.

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

Other ☐ Pressure _____ psi Test Temp. _____ °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 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 1-22-088

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

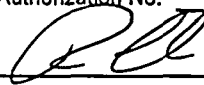
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

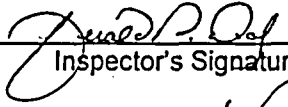
11/15/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 SEP04 to 19 NOV 04, 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 12085 ANI MN 01934
National Board, Province and Endorsements

Date

November 19, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-089

1. Owner Nuclear Management Company, LLC Date 10/29/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0407257

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

Authorization N/A

4. Identification of System VC Expiration Date N/A

VC

Code Class 2

5. (a) Applicable Construction Code n/a, n/a Edition

Addenda n/a 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 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
12 BATP	Goulds	792A190-2		145-612		Corrected	<input type="checkbox"/>

7. Description of Work Replaced the mechanical seal gland plate and 1 casing fastener assembly.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

Other: n/a

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

ITEM 1-22-089

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

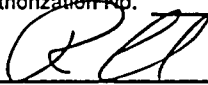
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date


10/29/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 28 SEP 04 to 01 NOV 04, 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 12085 NWI MD 01924

National Board, Province and Endorsements

Date

November 01, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-090

1. Owner Nuclear Management Company, LLC Date 11/30/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0407376

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

AF Authorization N/A

4. Identification of System AF Expiration Date N/A

Code Class

3

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

Addenda

Code Case

(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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
AF piping				6-MS-8		Corrected	<input type="checkbox"/>

7. Description of Work Corrected piping configuration for rupture disc holding flanges.

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

Other ☐ Pressure NOP psi Test Temp. NOT ° F

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 1-22-090

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/30/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 01 OCT 04 to 29 DEC 04, 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.

[Signature] Commissions NB 11085 AND MD 21924
Inspector's Signature National Board, Province and Endorsements

Date December 29, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-091

1. Owner Nuclear Management Company, LLC Date 12/1/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0305017

Address Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Type Code Symbol Stamp N/A

Name Same Authorization N/A

Address RC Expiration Date N/A

4. Identification of System RC Code Class 1

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

Addenda Code Case

(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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Charging line isolation valve	Rockwell Edwards	501148		RC-1-18		Removed	<input type="checkbox"/>
Charging line isolation valve	Rockwell Edwards			RC-1-18		Installed	<input type="checkbox"/>

7. Description of Work Replaced valve.

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

Other ☐ Pressure NOP psi Test Temp. NOT °F

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 1-22-091

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 12/1/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 OCT 04 to 29 DEC 04, 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 [Signature] Commissions JB 17085 AW1 MD 21924
National Board, Province and Endorsements
Date December 29, 2004

ITEM 1-22-093

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Main Steam Line				30-MS-2		Corrected	<input type="checkbox"/>

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 1-22-093

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/2/04
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 OCT 04 to 04 NOV 04, 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.

[Signature] Commissions NB 12088 AND MA 21924
Inspector's Signature National Board, Province and Endorsements
Date 7 November 04, 2004

ITEM 1-22-094

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Main Steam Line				30-MS-1		Corrected	<input type="checkbox"/>

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 1-22-094

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.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

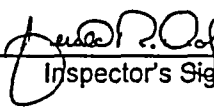
11/2/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 OCT 04 to 04 NOV 04, 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 17085 ANI MN 21924

National Board, Province and Endorsements

Date

November 04, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-095

1. Owner Nuclear Management Company, LLC Date 11/30/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 0400020

Address Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Same Name Same Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

4. Identification of System VC Code Class 2

5. (a) Applicable Construction Code B16.34 Edition

Addenda Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
RCP Seal Rtrn. Isolation Valve	Aloyco			MV-32199		Corrected	<input type="checkbox"/>

7. Description of Work Replaced body to bonnet fastener.

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

Other ☐ Pressure psi Test Temp. °F

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

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

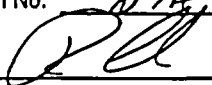
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

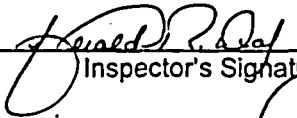
11/30/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 OCT 04 to 21 DEC 04, 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 17015 MI MI 21924

National Board, Province and Endorsements

Date

December 21, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-096

1. Owner Nuclear Management Company, LLC Date 12/14/2004

Name
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089

Address

0407857

Repair Organization P.O. No., Job No., etc
3. Work Performed by SGT Ltd. Type Code Symbol Stamp NPT

Name

400 S. Tyron St., Suite 2100, Charlotte, NC 28285

Address

CL

Authorization

N-3090-1

Expiration Date

6/4/07

Code Class

3
5. (a) Applicable Construction Code B31.1, 1967 Edition

Addenda

Code Case
- (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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Cooling water line				4-CL-50		Corrected	<input type="checkbox"/>

7. Description of Work Replaced Fan Coil Unit piping spool piece with new pipe and fittings.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ Pressure NOP psi Test Temp. NOT ° F
- 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 1-22-096

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 12/16/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 OCT 04 to 05 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.

[Signature] Commissions NB 17085 ANI md 21924
Inspector's Signature National Board, Province and Endorsements
Date January 05, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-097

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p style="text-align: center;">Name</p> <p>2. Plant <u>Praire Island Nuclear Generating Plant</u></p> <p style="text-align: center;">Name</p> <p><u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="text-align: center;">Address</p> <p>3. Work Performed by <u>Owner</u></p> <p style="text-align: center;">Name</p> <p><u>Same</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>SI</u></p> <p>5. (a) Applicable Construction Code <u>B16.34</u></p> <p style="text-align: center;">Addenda</p> <p>(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p>(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>11/30/2004</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0407938, EEC-1546</u></p> <p style="text-align: center;">Repair Organization P.O. No., Job No., etc</p> <p>Type Code Symbol Stamp <u>N/A</u></p> <p>Authorization <u>N/A</u></p> <p>Expiration Date <u>N/A</u></p> <p>Code Class <u>1</u></p> <p>Edition</p> <p>Code Case</p>
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6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Hi/Lo Head SIS to 12 RX Vessel Nozzle Check Valve	Velan			SI-9-5		Corrected	<input type="checkbox"/>

7. Description of Work Replaced the disc assembly.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

Other: Full open test will be conducted under SP 1092D. The closed test will be conducted during SP 1070.

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 1-22-097

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/30/04, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 09 OCT 04 to 03 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.

[Signature] Commissions NB 11083 AW MD 21924
Inspector's Signature National Board, Province and Endorsements

Date January 03, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-099

1. Owner Nuclear Management Company, LLC Date 1/3/2005

2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 0408070

Address
Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Type Code Symbol Stamp N/A

Name Same Authorization N/A

Address VC Expiration Date N/A

4. Identification of System VC Code Class 1

5. (a) Applicable Construction Code B16.34 Edition

Addenda Code Case

(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 Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11 Seal Wtr Injection Check (2")	Vogt			VC-8-5		Removed	<input type="checkbox"/>
11 Seal Wtr Injection Check (2")	Vogt	670106990100		VC-8-5	2000	Installed	<input type="checkbox"/>

7. Description of Work Replaced Check Valve.

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

Other ☐ Pressure NOP psi Test Temp. NOT ° F

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 1-22-099

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

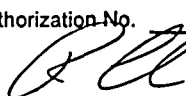
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

11/3/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 12 OCT 04 to 28 DEC 04, 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 12085 AM MD 21924
National Board, Province and Endorsements

Date

January 04, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-101

1. Owner Nuclear Management Company, LLC Date 10/29/2004
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 Address 0408126, EEC-1554
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc
- Name Same Type Code Symbol Stamp N/A
- Address VC Authorization N/A
- Code Class 2 Expiration Date N/A
4. Identification of System VC
5. (a) Applicable Construction Code B16.34, Edition
- 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
6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
11Seal Water HX Inlet	Grinnel			VC-6-3		Corrected	<input type="checkbox"/>

7. Description of Work Replaced the valve bonnet and fasteners.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure psi Test Temp. °F
- 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 1-22-101

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 10/29/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 21 OCT 04 to 01 NOV 04, 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 12085 and MD 21924
National Board, Province and Endorsements

Date

November 01, 2004

ITEM 1-22-102

Date 1/13/2005

Name _____

Sheet ... 1 ... of ... 2

Name _____

1717 Wakonade Dr. E, Welch Minnesota 55089

0408112

Address

Repair Organization P.O. No., Job No., etc

Owner

Type Code Symbol Stamp N/A

Name _____

Same

Authorization	N/A
----------------------	-----

Address

Expiration Date	N/A
------------------------	-----

VC

Code Class **1**

1967 Edition

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

6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
VC System Hanger				1-RCVCH-896		Corrected	<input type="checkbox"/>

7. Description of Work	Repair of weld on integral attachment.
-------------------------------	---

8. Tests conducted:

Hydrostatic ☐Pneumatic ☐

Nominal Operating Pressure ☐ Exempt ☒

Other ☐

Pressure

psi Test Temp.

Test Temp. ° 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 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 1-22-102

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 1/13/05
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 31 OCT 04 to 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.

[Signature] Commissions NB 12085 MI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date January 13, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-103

1. Owner Nuclear Management Company, LLC Date 11/18/2004

Name

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0408118

Address

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same Type Code Symbol Stamp N/A

Address

SI Authorization N/A

4. Identification of System SI Expiration Date N/A

Code Class

2

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

Addenda

Code Case

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
SI System Hanger				1-SIH-36		Corrected	<input type="checkbox"/>

7. Description of Work Repaired box support.

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

Other ☐ Pressure psi Test Temp. ° F

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 1-22-103

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/18/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 31 OCT 04 to 19 NOV 04, 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 12085 ANI MN 31924
National Board, Province and Endorsements

Date 7 November 19, 2004

ITEM 1-22-104

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
SI System Hanger				1-RSIH-415		Corrected	<input type="checkbox"/>

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 1-22-104

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 n/a

Certificate of Authorization No. n/a Expiration Date _____

Signed [Signature], ASME Program Engineer Date 1/13/05, _____
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 21 OCT 04 to 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.

[Signature] Commissions NA 12035 MI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date January 13, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-105

1. Owner Nuclear Management Company, LLC Date 11/8/2004

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

1717 Wakonade Dr. E, Welch Minnesota 55089 0408152, SPCE-ME-0453

Address Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Type Code Symbol Stamp N/A

Same Authorization N/A

Expiration Date N/A

4. Identification of System VC Code Class 2

5. (a) Applicable Construction Code n/a, n/a Edition

Addenda n/a 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 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
12 BATP	Goulds	792A190-2		145-612		Corrected	<input type="checkbox"/>

7. Description of Work Replaced the mechanical seal gland plate.

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

Other ☐ Pressure psi Test Temp. °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 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 1-22-105

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

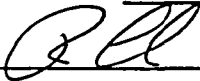
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

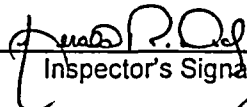
11/8/04

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 12/01/04 to 12/01/04, 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

SB 17088 MI MD 21924
National Board, Province and Endorsements

Date

7 November 12, 2004

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-107

1. Owner Nuclear Management Company, LLC Date 1/11/2005

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 0408547

Address
Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner Same Name Same Type Code Symbol Stamp N/A

Address VC Authorization N/A

Expiration Date N/A

4. Identification of System VC Code Class 2

5. (a) Applicable Construction Code n/a n/a Edition n/a

Addenda n/a 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 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
13 Charging Pump	Ajax			145-043		Corrected	<input type="checkbox"/>

7. Description of Work Replaced assemblies 19, 20, 21 with rebuilt assemblies 7, 8, and 9.

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

Other ☐ Pressure psi Test Temp. ° F

Other: A non-code leakage exam will be performed.

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 1-22-107

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. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 1/11/05,
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 15 NOV 04 to 11 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.

[Signature] Commissions Feb 2005 AND MAR 2004
Inspector's Signature National Board, Province and Endorsements

Date January 11, 2005

ITEM 1-22-108

- | Component Name | Manufacturer Name | Manufacturer Serial # | Nat'l Bd # | Other ID | Yr Built | Corrected, Removed, or Installed | ASME Code Stamp |
|----------------------|-------------------|-----------------------|------------|----------|----------|----------------------------------|--------------------------|
| Rx Head Conoseal #34 | | | | | | Corrected | <input type="checkbox"/> |
| Rx Head Conoseal #35 | | | | | | Corrected | <input type="checkbox"/> |
| Rx Head Conoseal #37 | | | | | | Corrected | <input type="checkbox"/> |

- 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 1-22-108

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 11/13/05
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 17 Nov 04 to 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.

[Signature] Commissions NB 17085 AMI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date January 13, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-110

1. Owner Nuclear Management Company, LLC Date 1/21/2005

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0408838

Address _____ Repair Organization P.O. No., Job No., etc _____

3. Work Performed by Owner Type Code Symbol Stamp N/A

Name _____ Authorization N/A

Same _____ Address _____ Expiration Date N/A

4. Identification of System RC Code Class 1

5. (a) Applicable Construction Code B16.34 Edition _____

Addenda _____ Code Case _____

(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda

(c) Applicable 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
1 Pressureizer PORV control valve	Copes Vulcan			CV-31231		Corrected	<input type="checkbox"/>

7. Description of Work Replaced plug and body to bonnet fasteners.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

Other: Exercise test.

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 1-22-110

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

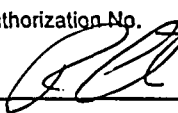
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

1/21/05

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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 12/6/04 to 28 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.

Inspector's Signature



Commissions

N.B. 11025 and N.B. 21924
National Board, Province and Endorsements

Date

January 28, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-111

1. Owner Nuclear Management Company, LLC Date 1/21/2005
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0408894, ECN 03RC02-ECN-01
- Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
- Name Same Authorization N/A
- Address Expiration Date N/A
4. Identification of System RC Code Class 1
5. (a) Applicable Construction Code ASME VIII, 1968 Edition
- Addenda W68 Code Cases 1989 With No Addenda
- (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity 1989 With No Addenda
- (c) Applicable 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
11 and 12 RCP tension/compression tie rods	Pioneer				1968	Corrected	<input type="checkbox"/>

7. Description of Work Tack welded shims in place.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure psi Test Temp. °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 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 1-22-111

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 N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 1/21/05,
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 HSB Insp. and Ins. Co. of Connecticut of Hartford Conn. have inspected the components described in this Owner's Report during the period 19 Nov 04 to 25 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.

[Signature] Commissions SB 17035 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date January 25, 2005

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 1-22-112

1. Owner Nuclear Management Company, LLC Date 1/10/2005

2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

0309936, EEC-1096

3. Work Performed by Owner Address Repair Organization P.O. No., Job No., etc

Name Same Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

4. Identification of System MS Code Class 2

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

Addenda n/a 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 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
MS Safety Valve	Dresser	BR-06306		RS-21-1		Corrected	<input type="checkbox"/>
MS Safety Valve	Dresser	BM-09538		RS-21-7		Corrected	<input type="checkbox"/>

7. Description of Work Replaced studs and installed Superbolt nuts.

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

Other ☐ Pressure psi Test Temp. ° 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 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 1-22-112

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 Code, Section XI.

Type Code Symbol Stamp

Certificate of Authorization No.

Expiration 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 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 10 JAN 05 to 10 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.

Inspector's Signature

Commissions

National Board, Province and Endorsements

Date