

JAN 07 2004

L-PI-04-009
10 CFR 50.55a

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

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
DOCKET NO. 50-306
LICENSE NO. DPR-60
UNIT 2 INSERVICE INSPECTION SUMMARY REPORT, INTERVAL 3, PERIOD 3,
REFUELING OUTAGE DATES: 9-13-2003 TO 10-10-2003
FUEL CYCLE 21: 3-3-2002 TO 10-10-2003

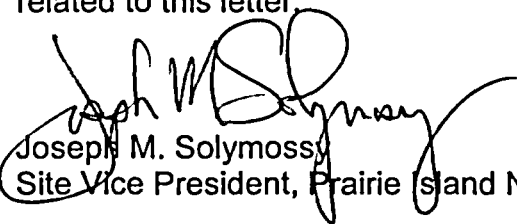
During the 2003 Prairie Island Unit 2 refueling outage, an inservice inspection (ISI) examination for the third period of the third interval was conducted. Attached for your information are four copies of the ISI examination summary report for this period.

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)

A047

USNRC
L-PI-04-009
Page 2

NUCLEAR MANAGEMENT COMPANY, LLC

cc: Regional Administrator, USNRC, Region III (2 copies of attachment)
Project Manager, Prairie Island Nuclear Generating Plant, USNRC, NRR
NRC Resident Inspector – Prairie Island Nuclear Generating Plant
Chief Boiler Inspector, State of MN
P. Fisher, Hartford Insurance

Attachment:

INSERVICE INSPECTION SUMMARY REPORT/INTERVAL 3, PERIOD
3/REFUELING OUTAGE DATES: 9-13-2003 TO 10-10-2003/UNIT 2, FUEL
CYCLE 21: 3-3-2002 TO 10-10-2003

ATTACHMENT

**NUCLEAR MANAGEMENT COMPANY, LLC
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
DOCKET NO. 50-306**

January 2004

**INSERVICE INSPECTION SUMMARY REPORT
INTERVAL 3, PERIOD 3
REFUELING OUTAGE DATES: 9-13-2003 TO 10-10-2003
UNIT 2, FUEL CYCLE 21: 3-3-2002 TO 10-10-2003
(attachment contains a table of contents)**

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

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: 9-13-2003 TO 10-10-2003
UNIT 2, FUEL CYCLE 21: 3-3-2002 TO 10-10-2003

COMMERCIAL SERVICE DATE: DECEMBER 21, 1974

Prepared By: Shannon Hansen
ISI Program Engineer, Nuclear Management Company
Shannon Hansen

Date: 12/16/03

Reviewed By: Ron Clow
Repair/Replacement Program Engineer, Nuclear Management Company
Ron Clow

Date: 12/19/03

Reviewed By: Randal Wornick
Program Engineering Manager, Nuclear Management Company
Randal Wornick

Date: 12/24/03

Approved By: Scott Northard
Director of Engineering, Nuclear Management Company
Scott Northard

Date: 12/31/03

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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 2 Fuel Cycle 21. 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) and Westinghouse. Framatome ANP was contracted to perform secondary eddy current data analysis. Moretech was contracted to perform independent oversight of the resolution process. 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 2 Cycle 21. 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, IWA-5250 and Unit 2 relief request nos. 13 and 17. Seven class 2 components were accepted by evaluations conducted pursuant to relief request number 13. These evaluations are being submitted as required by subparagraph IWB-3144(b). See Section 5 for details.

Visual Inspection results showed no snubber failures. One failure occurred for the snubbers that underwent functional testing. PI-452 in hanger 2-RSIH-350 failed the lock up test in compression. Scope was expanded to 8 additional snubbers for functional testing and resulted in no failures.

During the refueling outage, 100% of all accessible tubes in steam generators 21 and 22 were examined full length as part of the Inservice Inspection Program. See Section 7 for details.

All repair/ replacement activities completed during the cycle are documented on Form NIS-2 in Section 8.

An internal audit identified that Form NIS-2 had not been completed as required by the ASME Code for certain repair/ replacement activities that were performed during Unit 2 Fuel Cycles 16

thru 20. The repair/ replacement activities that were not previously documented on Form NIS-2 are now fully documented as required by the Code and the Form NIS-2s are included in Section 9 of this report.

4.0 EXAMINATION REPORTS, EQUIPMENT AND MATERIALS

The inservice inspection reports in Sections 3, 4 and 5 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, 4 and 5 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

Section 2. NIS-1 (2 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, WI 54016

(Name and Address of Owner)

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

(Name and Address of Plant)

3. Plant Unit 2

4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 12/21/1974

6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Creuot-Loire	687	MINN-200-51	---
Pressurizer	Westinghouse	1191	---	68-57
21 Steam Generator	Westinghouse	1181	---	68-39
22 Steam Generator	Westinghouse	1182	---	68-40
21 Reactor Coolant Pump	Westinghouse	W510	---	---
22 Reactor Coolant Pump	Westinghouse	W515	---	---
21 RHR Heat Exchanger	Joseph Oats & Sons	1817-1C	---	342
22 RHR Heat Exchanger	Joseph Oats & Sons	1817-1D	---	343
21 RHR Pump	Byron Jackson	---	---	---
22 RHR Pump	Byron Jackson	---	---	---
21 Safety Injection Pump	Bingham	---	---	---
22 Safety Injection Pump	Bingham	---	---	---
21 Accumulator Tank	Delta Southern	41037-68-1	---	2575
22 Accumulator Tank	Delta Southern	41037-69-2	---	2576
21 Boric Acid Tank	NAVCO	---	---	---

8. Examination Dates 3/3/2002 to 10/10/2003

9. Inspection Period Identification: 3 to ---

10. Inspection Interval Identification: 12/21/1994 to 12/20/2004

11. Applicable Edition of Section XI 1989 Addenda no addenda

NIS-1

Page 2 of 2

12. Date/Revision of Inspection Plan: 9/13/03, Revision 2

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

See Sections 3 through 6.

14. Abstract of Results of Examinations and Tests.

See Sections 3 through 6.

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 12/16/03

Signed

Nuclear Management Company
Owner

By

Shanna Hansen

CERTIFICATE OF 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

MA

and employed by

HSB CT

of

HARTFORD, CT

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

03 MAR 03

to

10 OCT 03

, 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.

James R. Q. Q.
Inspector's Signature

Commissions

NB 12055 ANI MA 21924
National Board, State, Province, and Endorsements

Date

16 DEC 03

Section 3. ISI Examinations (11 pages)

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

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									
500019	H- 3	Support	F-A	F1.10a	SWI NDE-VT-2.0	VT 2003V080 NAD	RC	2-ISI-29	9/18/2003
500072	H- 2	Restraint	F-A	F1.10a	SWI NDE-VT-2.0	VT 2003V102 NAD	VC	2-ISI-12C	9/20/2003
500091	B- 1	Valve Bolts	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2003V032 NAD	RH	2-ISI-10C	9/16/2003
Comments:	Successive exam to 98-0031.								
500095	B- 1	Valve Bolting	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2003V016 NAD	RC	2-ISI-10A	9/15/2003
500096	B- 1	Valve Bolts	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2003V015 NAD	RC	2-ISI-20A	9/15/2003
500129	B- 2	Valve Bolts	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2003V031 NAD	RC	2-ISI-11	9/16/2003
500146	B- 2	Valve Bolting	B-G-2	B7.70	SWI NDE-VT-1.0	VT 2003V142 NAD	SI	2-ISI-28	9/25/2003
Comments:	Pre-service exam performed after WO# 0307500 installed new bonnet, gasket, and all (12) studs and nuts.								
500147	V- 2	Valve Int Surfaces	B-M-2	B12.50	SWI NDE-VT-3.0	VT 2003V137 NAD	SI	2-ISI-28	9/25/2003
500256	H- 3	Restraint	F-A	F1.10b	SWI NDE-VT-2.0	VT 2003V035 NAD	RH	2-ISI-10B	9/16/2003
500283	H- 2	Restraint	F-A	F1.10b	SWI NDE-VT-2.0	VT 2003V029 NAD	RC	2-ISI-10A	9/16/2003
500375	B- 3	Lower Seal House	B-G-2	B7.60	SWI NDE-VT-1.0	VT 2003V179 NAD	RC	2-ISI-43A	9/23/2003
Comments:	The two non-code seal housing assemblies were also examined as part of this examination report.								
500378	B- 3	Lower Seal House	B-G-2	B7.60	SWI NDE-VT-1.0	VT 2003V134 NAD	RC	2-ISI-43B	9/20/2003
Comments:	The two non-code seal housing assemblies were also examined as part of this examination report.								
500388	B- 3	Marmon Clamp @ 360	B-G-2	B7.10	SWI NDE-VT-1.0	VT 2003V153 NAD	RV	2-ISI-38	9/28/2003
500490	H-25	Col 1 Base	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V023 NAD	SG	2-ISI-37C	9/15/2003
500494	H-26	Col 2 Base	F-A	F-A,B,C	SWI NDE-VT-2.0	VT 2003V026 NAD	SG	2-ISI- 37C	9/15/2003
500498	H-27	Col 3 Base	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V027 NAD	SG	2-ISI-37C	9/15/2003
500514	B- 1	Flange Bolts	B-G-2	B7.50	SWI NDE-VT-1.0	VT 2003V018 NAD	VC	2-ISI-13E	9/15/2003
500702	B- 1	Flange Bolts	B-G-2	B7.50	SWI NDE-VT-1.0	VT 2003V012 NAD	RC	2-ISI-6	9/15/2003
Comments:	Successive exam to 2000V345.								
500714	1S-79P812	RCP Flywheel	T.S.	T.S.5.5.6	ISI-UT-12	UT 2003U041 NAD	RC	2-ISI-43A	8/12/2002
					ISI-MT-1	MT 2003M009 NAD	RC	2-ISI-43A	8/12/2002
Comments:	Augmented examination performed at Westinghouse. Currently spare motor.								
501019	B- 2	Outlet Manway Studs	B-G-2	B7.30	SWI NDE-VT-1.0	VT 2003V104 NAD	SG	2-ISI-37B	9/21/2003

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
501051	H-1	Rigid Restraint	F-A	F1.10b	SWI NDE-VT-2.0	VT 2003V038 NAD	VC	2-ISI-13B	9/17/2003
Comments:	Successive exam to 98-0050.								
501054	H-6	Spring/Lug	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V022 NAD	RC	2-ISI-13B	9/17/2003
Comments:	Successive exam to 98-0051.								
501057	H-2	Rigid Hanger	F-A	F1.10a	SWI NDE-VT-2.0	VT 2003V106 NAD	RC	2-ISI-13A	9/21/2003
501079	H-2	Snubber	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V139 NAD	VC	2-ISI-1A	9/26/2003
501088	H-6	Snubber A/Clamp	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V167 NAD	RC	2-ISI-4	9/29/2003
Comments:	Pre-service to WO# 0211674.								
501091	H-5	Snubber/Lug	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V170 NAD	RC	2-ISI-14	9/26/2003
Comments:	Pre-service to WO# 0211675.								
501098	H-2	Double Spring	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V007 IND	SI	2-ISI-23	9/15/2003
					SWI NDE-VT-2.0	VT 2003V158 NAD	SI	2-ISI-23	9/28/2003
Comments:	2003V007 indicated loose lock nuts. Initiated WIN Card# A56550. Rework WO# 0308557. CAP# 032625. Expanded scope to 501100, 501102, 501362, 501106 & 501099.								
501099	H-3	Restraint	F-A	F1.10b	SWI NDE-VT-2.0	VT 2003V124 NAD	SI	2-ISI-23	9/22/2003
Comments:	Expanded scope from 501098.								
501100	H-1	Spring/Box	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V125 NAD	SI	2-ISI-5	9/22/2003
Comments:	Expanded scope from 501098.								
501102	H-3	Double Spring	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V116 IND	SI	2-ISI-5	9/22/2003
					SWI NDE-VT-2.0	VT 2003V161 NAD	SI	2-ISI-5	9/28/2003
Comments:	2003V116 Indicated loose lock nut. Initiated WIN Card# A56560. Rework WO# 0308597. CAP# 033018. Support is capable of serving its intended design function and corrective measures were performed to restore the support to meet the original design function as a good engineering practice, therefore, per ASME Code Interpretation XI-1-86-30, scope expansion is not required.								
501106	H-1	Restraint	F-A	F1.10a	SWI NDE-VT-2.0	VT 2003V123 NAD	SI	2-ISI-23	9/22/2003
Comments:	Expanded scope from 501098.								
501107	H-1	Spring	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V079 NAD	SI	2-ISI-26	9/18/2003
501145	W-6/LSU	Elbow To Pump	B-J	B9.10	SWI NDE-UT-11	UT 2003U005 GEO	RC	2-ISI-33B	9/17/2003
					SWI NDE-PT-1	PT 2003P019 NAD	RC	2-ISI-33B	9/17/2003
Comments:	UT examination coverage limited to 69% due to elbow to pump configuration. PT examination coverage 100%.								

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
501157	H- 1	Snubber	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V165 NAD	RC	2-ISI-7C	9/25/2003
Comments:	Pre-service to WO#0211671.								
501161	H- 6	Double Rigid	F-A	F1.10b	SWI NDE-VT-2.0	VT 2003V009 NAD	RC	2-ISI-7A	9/15/2003
Comments:	Successive exam to 98-0063.								
501175	H- 1	Snubber/Clamp	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V136 NAD	VC	2-ISI-1B	9/23/2003
501266	H- 2	Single Support	F-A	F1.10a	SWI NDE-VT-2.0	VT 2003V126 NAD	SI	2-ISI-21	9/24/2003
501272	H- 1	Double Spring	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V019 NAD	SI	2-ISI-22B	9/15/2003
501290	H- 2	Rupture Restraint	F-A	F1.10b	SWI NDE-VT-2.0	VT 2003V081 NAD	RC	2-ISI-29	9/17/2003
501304	H- 2	Snubber/Clamp	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V017 NAD	RC	2-ISI-16	9/15/2003
501362	H- 4	Double Spring	F-A	F1.10c	ISI-VT-2.0	VT 2003V122 NAD	SI	2-ISI-11	9/22/2003
Comments:	Expanded scope from 501098.								
501429	H- 1A	Col 1 Bumper	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V082 NAD	RC	2-ISI-43B	9/19/2003
501471	W- 7	Pipe to Weldolet	B-J	B9.21	SWI NDE-PT-1	PT 2003P008 NAD	SI	2-ISI-26	9/16/2003
501512	W- 9	Pipe to Elbow	B-J	B9.21	SWI NDE-PT-1	PT 2003P025 NAD	RC	2-ISI-6	9/18/2003
501566	W- 8	Valve to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P024 NAD	RC	2-ISI-6	9/18/2003
501726	W- 5	Valve to Pipe	B-J	B9.40	SWI NDE-PT-1	PT 2003P001 NAD	VC	2-ISI-24	9/16/2003
501733	W- 6	Head to Flange	B-A	B1.40	SWI NDE-MT-1	MT 2003M004 NAD	RV	2-ISI-41	9/23/2003
					SWI NDE-UT-3A	UT 2003U033 NAD	RV	2-ISI-41	9/23/2003
Comments:	UT examination coverage limited to 58.683% due to 5.50" wide lifting lug. MT examination coverage 100%.								
501747	W- 6	Pipe to Valve	B-J	B9.40	SWI NDE-PT-1	PT 2003P056 NAD	VC	2-ISI-24	9/25/2003
501813	W- 3	Pipe To Elbow	B-J	B9.11	SWI NDE-UT-16A	UT 2003U040 NAD	SI	2-ISI-29	10/1/2003
					SWI NDE-PT-1	PT 2003P057 NAD	SI	2-ISI-29	10/1/2003
Comments:	UT examination coverage limited to 75% due to proximity of restraint. PT examination coverage 100%.								
501900	W- 2	Elbow to Pipe	B-J	B9.11	SWI NDE-UT-16A	UT 2003U002 NAD	SI	2-ISI-21	9/16/2003
					SWI NDE-PT-1	PT 2003P012 NAD	SI	2-ISI-21	9/16/2003
Comments:	PT examination coverage limited to 52.9% and UT examination coverage limited to 39.25% due to proximity of pipe restraint.								
501937	W-11	Nozzle to Pipe	B-J	B9.32	SWI NDE-PT-1	PT 2003P023 NAD	RC	2-ISI-6	9/18/2003
501939	W-12	Nozzle To Pipe	B-J	B9.31	SWI NDE-UT-16A	UT 2003U015 NAD	RC	2-ISI-11	9/17/2003
					SWI NDE-PT-1	PT 2003P020 NAD	RC	2-ISI-11	9/17/2003

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

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: UT examination coverage limited to 50% due to nozzle to pipe configuration. PT examination coverage 100%.									
502036	W- 5	Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P022 NAD	RC	2-ISI-13A	9/18/2003
502080	W- 4	Pipe to Elbow	B-J	B9.21	SWI NDE-PT-1	PT 2003P021 NAD	RC	2-ISI-13A	9/18/2003
502118	W- 7	Valve to Pipe	B-J	B9.40	SWI NDE-PT-1	PT 2003P046 NAD	VC	2-ISI-12C	9/21/2003
502195	W- 5	Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P045 NAD	VC	2-ISI-12C	9/21/2003
502229	W-18	Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P054 NAD	RC	2-ISI-14	9/23/2003
502252	W- 3	Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P044 NAD	VC	2-ISI-12C	9/21/2003
502318	W-18	Pipe to Elbow	B-J	B9.21	SWI NDE-PT-1	PT 2003P007 NAD	RC	2-ISI-16	9/16/2003
502333	W-19	Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P006 NAD	RC	2-ISI-16	9/16/2003
502355	W- 6	Pipe to Elbow	B-J	B9.21	SWI NDE-PT-1	PT 2003P002 NAD	RC	2-ISI-7C	9/15/2003
502367	W- 7	Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P003 NAD	RC	2-ISI-7C	9/15/2003
502488	W-12	45 Elbow To Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P049 NAD	VC	2-ISI-1B	9/21/2003
502505	W- 5	61 Elbow to Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P011 NAD	RC	2-ISI-15	9/16/2003
502511	W- 4	Cross to 61 Elbow	B-J	B9.21	SWI NDE-PT-1	PT 2003P010 NAD	RC	2-ISI-15	9/16/2003
502617	W-A	Tube Sheet to Head	B-B	B2.40	SWI NDE-UT-3	UT 2003U003 NAD	SG	2-ISI-37A	9/15/2003
Comments: 2003 exam scheduled as expanded scope (CAP026755, Missed exam on 21 Steam Generator during the Unit 2 2002 Refueling Outage)									
502632	W- 8	Weldolet to Pipe	B-J	B9.32	SWI NDE-PT-1	PT 2003P009 NAD	SI	2-ISI-26	9/16/2003
502639	H- 5B	Snubber	F-A	F1.10c	SWI NDE-VT-2.0	VT 2003V166 NAD	RC	2-ISI-7D	9/25/2003
Comments: Pre-service exam to WO#0211672 (Snubber replacement).									
502671	H- 1	Col 1 Tie Back	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V083 NAD	RC	2-ISI-43B	9/19/2003
Comments: Successive exam to 2000V293.									
502701	W-10	Elbow To Pipe	B-J	B9.21	SWI NDE-PT-1	PT 2003P005 NAD	RC	2-ISI-7B	9/15/2003
502702	W-11	Pipe to Valve	B-J	B9.40	SWI NDE-PT-1	PT 2003P004 NAD	RC	2-ISI-7B	9/15/2003
505012	N- 5 IR	Nozzle Inner Radius	B-D	B3.140	SWI NDE-UT-5	UT 2003U004 NAD	SG	2-ISI-37B	9/16/2003
505030	H- 1A	HX Stand	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V105 NAD	VC	2-ISI-34	9/21/2003
505494	W-21	CRD-21 Housing Weld	B-O	B14.10	SWI NDE-PT-1	PT 2003P055 NAD	RV	2-ISI-41A	9/25/2003
505594	W- 1	Pump Casement Weld	B-L-1	B12.10	SWI NDE-VT-1.0	VT 2003V113 NAD	RC	2-ISI-43A	9/20/2003
505596	W- 1	Pump Casement Weld	B-L-1	B12.10	SWI NDE-VT-1.0	VT 2003V112 NAD	RC	2-ISI-43B	9/20/2003
505597	H-29	Column 1	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V024 NAD	SG	2-ISI-37C	9/15/2003

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
505598	H-30	Column 2	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V025 NAD	SG	2-ISI-37C	9/15/2003
505599	H-31	Column 3	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V028 NAD	SG	2-ISI-37C	9/15/2003
505619	RV- 1	Interior	B-N-1	B13.10	SWI NDE-VT-5.0	VT 2003V130 NAD	RC	2-ISI-42	9/24/2003
520439	RV Nuts	Nuts (33-48)	B6.10	B-G-1	SWI NDE-VT-1.0	VT 2003V135 NAD	RV	2-ISI-39	9/26/2003
520440	RV Studs	Studs (33-48)	B6.30	B-G-1	SWI NDE-UT-4	UT 2003U039 NAD	RV	2-ISI-39	9/25/2003
					SWI NDE-MT-2	MT 2003M007 NAD	RV	2-ISI-39	9/25/2003
520442	RV Washers	Washers (33-48)	B6.50	B-G-1	SWI NDE-VT-1.0	VT 2003V132 NAD	RV	2-ISI-39	9/25/2003
Class 2									
500536	W- 1	Valve to 51 Elbow	C-F-2	C5.51	SWI NDE-MT-1	MT 2003M005 NAD	FW	2-ISI-49	9/24/2003
					SWI NDE-UT-1A	UT 2003U038 NAD	FW	2-ISI-49	9/24/2003
500537	W- 2	51 Elbow to Pipe	C-F-2	C5.51	SWI NDE-UT-1A	UT 2003U016 NAD	FW	2-ISI-49	9/18/2003
					SWI NDE-MT-1	MT 2003M003 NAD	FW	2-ISI-49	9/18/2003
500693	H- 6	Seismic Restraint	F-A	F1.20a	SWI NDE-VT-2.0	VT 2003V131 NAD	FW	2-ISI-48	9/25/2003
Comments:	Pre-service exam performed after bolt replacement per work order 0303824. Previous exam 2002V088 had indicated inadequate thread engagement that was evaluated to be acceptable.								
500810	W-28	Pipe to Sweepolet	C-F-2	C5.81	SWI NDE-MT-1	MT 2003M006 NAD	MS	2-ISI-47B	9/24/2003
500850	W-27	Pipe to Elbow	C-F-2	C5.51	SWI NDE-MT-1	MT 2003M001 NAD	MS	2-ISI-46B	9/14/2003
					SWI NDE-UT-1A	UT 2003U001 NAD	MS	2-ISI-46B	9/16/2003
500861	W-36	Sweepolet to Nozzle	C-F-2	C5.51	SWI NDE-UT-1A	UT 2003U029 NAD	MS	2-ISI-46B	9/19/2003
					SWI NDE-MT-1	MT 2003M002 NAD	MS	2-ISI-46B	9/17/2003
					SWI NDE-VT-1.0	VT 2003V115 NAD	MS	2-ISI-46B	9/17/2003
Comments:	UT examination coverage limited to 0% due to sweepolet to flange configuration. MT examination coverage 100%. A VT-1 was performed in addition to the Code Requirements to compliment the limited examination coverage.								
500932	H- 6	Double Snubber/Clamp	F-A	F1.20c	SWI NDE-VT-2.0	VT 2003V177 NAD	MS	2-ISI-47B	10/1/2003
Comments:	Pre-service to WO# 0211655.								
501006	H- 4	Support to Valve	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V011 NAD	MS	2-ISI-46B	9/14/2003
501024	H- 8	Pad 3	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V097 NAD	SG	2-ISI-37C	9/20/2003
Comments:	Successive exam to 98-0149.								
501026	H- 8A	Pad 4	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V098 NAD	SG	2-ISI-37C	9/20/2003

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

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:	Successive exam to 98-0148.								
501231	H-1	Sway Strut/Clamp	F-A	F1.20b	SWI NDE-VT-2.0	VT 2003V121 NAD	RH	2-ISI-52	9/22/2003
Comments:	Successive exam to 2000V315.								
501240	H-4	Seismic Restraint	F-A	F1.20b	SWI NDE-VT-2.0	VT 2003V111 NAD	RH	2-ISI-52	9/22/2003
Comments:	Successive exam to 98-0158.								
501477	W-1	Head to Shell	C-A	C1.20	SWI NDE-UT-16	UT 2003U035 NAD	RH	2-ISI-69B	9/23/2003
Comments:	UT examination coverage limited to 74%.								
501641	N-2	Outlet Nozzle	C-B	C2.11	SWI NDE-PT-1	PT 2003P050 NAD	RH	2-ISI-69B	9/22/2003
502622	W-C	Stub Barrel to Shell	C-A	C1.10	SWI NDE-UT-3	UT 2003U017 NAD	SG	2-ISI-37A	9/20/2003
502646	H-4	Snubber 4	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V171 NAD	SG	2-ISI-37C	9/17/2003
Comments:	Pre-service to WO#0211912								
502651	H-5	Spring 1	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V101 IND	SG	2-ISI-37C	9/20/2003
					SWI NDE-VT-2.0	VT 2003V176 NAD	SG	2-ISI-37C	10/3/2003
Comments:	Successive exam to 98-0145. 2003V101 indicated load setting out of tolerance. Initiated WIN Card# A57552. Rework WO# 0308567. CAP# 032933. Three springs qualified for scope expansion. 502652 was already scheduled for a successive exam. 502653 was already scheduled for credit. 502654 was scheduled as expanded scope.								
502652	H-6	Spring 2	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V190 NAD	SG	2-ISI-37C	10/2/2003
					SWI NDE-VT-2.0	VT 2003V099 NAD	SG	2-ISI-37C	9/20/2003
Comments:	Report# 2003V099 was successive exam to 98-0146. Report# 2003V190 was pre-service exam performed after adjusting 502651 per WO# 0308567.								
502653	H-5	Spring 1	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V178 NAD	SG	2-ISI-37D	10/1/2003
					SWI NDE-VT-2.0	VT 2003V100 IND	SG	2-ISI-37D	9/20/2003
Comments:	2003V100 Indicated load setting out of tolerance. Initiated WIN Card# A57554. Rework WO# 0308568. CAP# 032934.								
502654	H-6	Spring 2	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V117 IND	SG	2-ISI-37D	9/23/2003
					SWI NDE-VT-2.0	VT 2003V164 NAD	SG	2-ISI-37D	9/30/2003
Comments:	Expanded scope from 502651. 2003V117 Indicated load setting out of tolerance, cotter pin loose. Initiated WIN Card# A57554. Rework WO# 0308568. CAP# 032934.								
505053	W-3	Pipe to Weldolet	C-F-1	C5.40	SWI NDE-PT-1	PT 2003P013 NAD	SI	2-ISI-90A	9/17/2003
505055	W-11	Valve to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P014 NAD	SI	2-ISI-90A	9/17/2003
					SWI NDE-UT-16A	UT 2003U010 NAD	SI	2-ISI-90A	9/19/2003

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

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:	UT examination coverage limited to 50% due to valve to pipe configuration. PT examination coverage 100%.								
505056	W-12	Elbow to Pipe	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P015 NAD	SI	2-ISI-90A	9/17/2003
					SWI NDE-UT-16A	UT 2003U007 NAD	SI	2-ISI-90A	9/19/2003
505057	W-13	Pipe to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P031 NAD	SI	2-ISI-90A	9/19/2003
					SWI NDE-UT-16A	UT 2003U009 NAD	SI	2-ISI-90A	9/19/2003
505058	W-14	Elbow to Valve	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P030 NAD	SI	2-ISI-90A	9/19/2003
					SWI NDE-UT-16A	UT 2003U011 NAD	SI	2-ISI-90A	9/19/2003
Comments:	UT examination coverage limited to 50% due to elbow to valve configuration. PT examination coverage 100%.								
505059	W-15	Red Tee to Reducer	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U018 NAD	SI	2-ISI-90A	9/20/2003
					SWI NDE-PT-1	PT 2003P016 NAD	SI	2-ISI-90A	9/17/2003
505060	W-16	Reducer to Pipe	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U008 NAD	SI	2-ISI-90A	9/19/2003
					SWI NDE-PT-1	PT 2003P017 NAD	SI	2-ISI-90A	9/17/2003
505061	W-17	Pipe to Elbow	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U006 NAD	SI	2-ISI-90A	9/19/2003
					SWI NDE-PT-1	PT 2003P018 NAD	SI	2-ISI-90A	9/17/2003
505063	W-19	Pipe to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P033 NAD	SI	2-ISI-90A	9/20/2003
					SWI NDE-UT-16A	UT 2003U025 NAD	SI	2-ISI-90A	9/20/2003
505084	W- 7	Reducer to Elbow	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U031 NAD	SI	2-ISI-90B	9/22/2003
					SWI NDE-PT-1	PT 2003P043 NAD	SI	2-ISI-90B	9/21/2003
505120	W-11	Elbow to Pipe	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P052 NAD	SI	2-ISI-90C	9/22/2003
					SWI NDE-UT-16A	UT 2003U037 NAD	SI	2-ISI-90C	9/23/2003
505150	W-12	Valve to Pipe	C-F-1	C5.30	SWI NDE-PT-1	PT 2003P047 NAD	SI	2-ISI-95B	9/21/2003
505151	W-13	Pipe to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P048 NAD	SI	2-ISI-95B	9/21/2003
					SWI NDE-UT-16A	UT 2003U028 NAD	SI	2-ISI-95B	9/20/2003
505180	W- 3	Elbow to Pipe	C-F-1	C5.30	SWI NDE-PT-1	PT 2003P036 NAD	SI	2-ISI-96	9/20/2003
505181	W- 4	Pipe to Elbow	C-F-1	C5.30	SWI NDE-PT-1	PT 2003P037 NAD	SI	2-ISI-96	9/20/2003
505182	W- 5	Elbow to Pipe	C-F-1	C5.30	SWI NDE-PT-1	PT 2003P038 NAD	SI	2-ISI-96	9/20/2003
505183	W- 6	Pipe to Elbow	C-F-1	C5.30	SWI NDE-PT-1	PT 2003P039 NAD	SI	2-ISI-96	9/20/2003
505185	W- 8	Pipe to Orifice	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U013 NAD	SI	2-ISI-96	9/20/2003
					SWI NDE-PT-1	PT 2003P040 NAD	SI	2-ISI-96	9/20/2003

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
505186	W-9	Orifice to Red Tee	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U012 NAD	SI	2-ISI-96	9/20/2003
					SWI NDE-PT-1	PT 2003P041 NAD	SI	2-ISI-96	9/20/2003
505229	H-1	Snubber	F-A	F1.20c	SWI NDE-VT-2.0	VT 2003V172 NAD	SI	2-ISI-93C	9/23/2003
Comments:	Pre-service to WO# 0211689.								
505249	H-4	Snubber/Clamp	F-A	F1.20c	SWI NDE-VT-2.0	VT 2003V168 NAD	SI	2-ISI-94A	9/23/2003
Comments:	Pre-service to WO#0211684.								
505267	H-3	Snubber & Restraint	F-A	F1.20c	SWI NDE-VT-2.0	VT 2003V169 NAD	SI	2-ISI-94B	9/23/2003
Comments:	Pre-service to WO# 0211683.								
505275	W-7	Pipe to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P051 NAD	SI	2-ISI-95A	9/22/2003
					SWI NDE-UT-16A	UT 2003U034 NAD	SI	2-ISI-95A	9/23/2003
505344	W-16	Pipe to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P053 NAD	SI	2-ISI-92	9/22/2003
					SWI NDE-UT-16A	UT 2003U036 NAD	SI	2-ISI-92	9/23/2003
505364	W-11	Red Tee to Reducer	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P029 NAD	SI	2-ISI-93A	9/19/2003
					SWI NDE-UT-16A	UT 2003U019 NAD	SI	2-ISI-93A	9/20/2003
505365	W-12	Reducer to Pipe	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P028 NAD	SI	2-ISI-93A	9/19/2003
					SWI NDE-UT-16A	UT 2003U020 NAD	SI	2-ISI-93A	9/20/2003
505366	W-13	Pipe to Elbow	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P027 NAD	SI	2-ISI-93A	9/19/2003
					SWI NDE-UT-16A	UT 2003U021 NAD	SI	2-ISI-93A	9/20/2003
505367	W-14	Elbow to Pipe	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U022 NAD	SI	2-ISI-93A	9/20/2003
					SWI NDE-PT-1	PT 2003P026 NAD	SI	2-ISI-93A	9/19/2003
505368	W-15	Pipe to Elbow	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U023 NAD	SI	2-ISI-93A	9/20/2003
					SWI NDE-PT-1	PT 2003P034 NAD	SI	2-ISI-93A	9/19/2003
505369	W-16	Elbow to Pipe	C-F-1	C5.21	SWI NDE-PT-1	PT 2003P035 NAD	SI	2-ISI-93A	9/19/2003
					SWI NDE-UT-16A	UT 2003U024 NAD	SI	2-ISI-93A	9/20/2003
505370	W-17	Pipe To Flange	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U026 NAD	SI	2-ISI-93A	9/20/2003
					SWI NDE-PT-1	PT 2003P032 NAD	SI	2-ISI-93A	9/20/2003
Comments:	UT examination coverage limited to 50% due to valve to flange configuration. PT examination coverage 100%.								
505386	H-4	Seismic Anchor	F-A	F1.20b	SWI NDE-VT-2.0	VT 2003V119 NAD	SI	2-ISI-93A	9/23/2003
Comments:	Successive exam to 2000V395.								

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
505388	H- 6	Single & Seismic	F-A	F1.20b	SWI NDE-VT-2.0	VT 2003V120 NAD	SI	2-ISI-93A	9/23/2003
505393	W- 5	Elbow to Pipe	C-F-1	C5.21	SWI NDE-UT-16A	UT 2003U032 NAD	SI	2-ISI-93B	9/22/2003
					SWI NDE-PT-1	PT 2003P042 NAD	SI	2-ISI-93B	9/21/2003
505627	N- 1 IN-IR	FW Nozzle Knuckle Region	NC	NRCIN9320	SWI NDE-MT-1	MT 2003M008 NAD	SG	2-ISI-37B	9/25/2003
Comments:	Augmented exam limited by feedwater pipe in nozzle.								
505629	W- F VT	Trans Cone Girth Weld (I.D)	NC	NRCIN9320	SWI NDE-VT-1.0	VT 2003V154 NAD	SG	2-ISI-37B	9/25/2003
Comments:	Augmented Exam.								
505740	H-1	Feedwater Ring Hanger	NC	NRCIN9320	SWI NDE-VT-2.0	VT 2003V162 NAD	SG	717J361	9/25/2003
Comments:	Augmented Exam.								
505741	W-24	Pipe to Reducer	NC	NRCIN9320	SWI NDE-UT-1A	UT 2003U014 NAD	FW	2-ISI-49	9/19/2003
Comments:	Augmented Exam.								
505742	W-25	Reducer to Nozzle	NC	NRCIN9320	SWI NDE-UT-1A	UT 2003U027 GEO	FW	2-ISI-49	9/19/2003
Comments:	Augmented Exam.								
515557	H-2	Seismic Support	F-A	F1.20b	SWI NDE-VT-2.0	VT 2003V036 NAD	CS	2-ISI-98A	9/16/2003
515558	H-3	Seismic Snubber	F-A	F1.20c	SWI NDE-VT-2.0	VT 2003V037 NAD	CS	2-ISI-98A	9/16/2003
515559	H-4	Single Sliding Base	F-A	F1.20a	SWI NDE-VT-2.0	VT 2003V030 NAD	CS	2-ISI-98A	9/16/2003
515591	H-5	Single Support & Restraint	F-A	F1.20b	SWI NDE-VT-2.0	VT 2003V138 NAD	CS	2-ISI-98B	9/26/2003
Class 3									
510299	AFWH-12	BOX SUPP & SEISMIC	F-A	F1.30b	SWI NDE-VT-2.0	VT 2003V002 NAD	AF	ND-2-3-102	9/11/2003
Comments:	Successive exam to H98-0004.								
511109	2-RAFWH-131	U-BOLT BRACKET	F-A	F1.40	SWI NDE-VT-2.0	VT 2003V118 NAD	AF	ND-2-3-157B	9/23/2003
512748	PSR-123	BOX SUPPORT	F-A	F1.30a	SWI NDE-VT-2.0	VT 2002V499 NAD	CW	ND-2-3-5	4/28/2003
					SWI NDE-VT-2.0	VT 2002V209 NAD	CW	ND-2-3-5	11/6/2002
Comments:	Pre-service exams for temporary modification of support during ZX pipe replacement project.								
512782	CCH-125	ROD	F-A	F1.30a	SWI NDE-VT-2.0	VT 2003V156 NAD	CC	ND-2-3-85	9/28/2003
Comments:	Successive exam to H98-0030.								
512790	CCH-176	SNUBBER/CLAMP	F-A	F1.30c	SWI NDE-VT-2.0	VT 2003V173 NAD	CC	ND-2-3-82	9/28/2003
Comments:	Pre-service to WO#0211678.								

Section 3. ISI Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
512870	CWH-290	ROD/CLAMP	F-A	F1.30a	SWI NDE-VT-2.0	VT 2003V155 NAD	CW	ND-2-3-12	9/28/2003
Comments:	Successive exam to H98-0003.								
512880	CWH-6	ROD/CLAMP	F-A	F1.30a	SWI NDE-VT-2.0	VT 2003V129 NAD	CW	ND-2-3-10	9/24/2003
Comments:	Expanded scope from 512944.								
512881	CWH-5	TRIPLE ROD/CLAMP	F-A	F1.30a	SWI NDE-VT-2.0	VT 2003V128 NAD	CW	ND-2-3-10	9/24/2003
Comments:	Expanded scope from 512944.								
512895	CWH-54	SNUBBER	F-A	F1.30c	SWI NDE-VT-2.0	VT 2003V174 NAD	CW	ND-2-3-4	9/28/2003
Comments:	Pre-service to WO#0211670								
512896	CWH-52	SNUBBER	F-A	F1.30c	SWI NDE-VT-2.0	VT 2003V175 NAD	CW	ND-2-3-4	9/28/2003
Comments:	Pre-service to WO# 0211669								
512939	2-CWH-47	Snubber	F-A	F1.30c	SWI NDE-VT-2.0	VT 2003V180 NAD	CW	ND-2-3-172	9/29/2003
Comments:	Pre-service to WO#0211680 (Snubber replacement).								
512944	CWH-26	SWAY STRUT	F-A	F1.30b	SWI NDE-VT-2.0	VT 2003V004 IND	CW	ND-2-3-10	9/19/2003
					SWI NDE-VT-2.0	VT 2003V160 NAD	CW	ND-2-3-10	9/28/2003
Comments:	2003V004 indicated sway strut bound. Issued WIN Card# A56558. Rework WO# 0308558. CAP032895. Expanded scope to 512881, 512880, 512952 & 512965.								
512952	CWH-29	SWAY STRUT	F-A	F1.30b	SWI NDE-VT-2.0	VT 2003V127 IND	CW	ND-2-3-11	9/24/2003
Comments:	Expanded scope from 512944. 2003V127 Indicated bearing unstaked from paddle CAP# 032975. OPR #000447 completed and indicates this strut is currently capable of performing its safety support function. Win card # A57397 issued to restore this strut to its original design. Rework WO# 0308581. OBD #000083 is following the completion of the rework WO which has not yet been completed.								
512959	SVH-10	FLR SLEEVE RESTRAINT	F-A	F1.30b	SWI NDE-VT-2.0	VT 2003V010 NAD	MS	ND-2-3-109	9/14/2003
512965	CWH-386	SWAY STRUT/CLAMP	F-A	F1.30b	SWI NDE-VT-2.0	VT 2003V141 NAD	CW	ND-2-3-12	9/26/2003
Comments:	Expanded scope from 512944.								
515030	CWH-257	SEISMIC ANCHOR	F-A	F1.30b	SWI NDE-VT-2.0	VT 2003V020 NAD	CW	ND-2-3-10A	9/14/2003
522782	CCH-125/1A	Int. Attach[ROD]	D-B	D2.20	SWI NDE-VT-2.0	VT 2003V157 NAD	CC	ND-2-3-85	9/28/2003
	Successive exam to H98-0030.								

Section 4. IWE Examinations (6 pages)

The following information describes those areas or components that contained indications discovered during the IWE examinations performed during the Unit 2 Refueling outage in the course of normally scheduled VT-3 examinations and General Visual Examination.

The scheduled VT-3 examinations performed on containment plates and penetrations identified the following areas where there was visual evidence of either paint flaking, blistering or peeling:

NDE Report No. 2003V005 - Plate S-84A, Reinforcing plate for the 22 Feedwater penetration

NDE Report No. 2003V070 - Penetration C7C, 21 Feedwater penetration

NDE Report No. 2003V045 - Plate S-87A, Reinforcing plate for the 21 Feedwater penetration

The feedwater piping traversing these penetration locations is at approximately 425 degrees F and was determined to be the initiating cause for failure of the coating. The inspections reports only identified a coating failure, there where no flaws or areas of degradation to the base metal material under the failed coating.

The reported indications exceeded the acceptance criteria of IWE-3510.2, "Visual Examinations on Coated Areas". No supplemental examinations are required to identify the extent of the condition. The coatings failure is limited to areas surrounding the high temperature feedwater piping.

Pursuant to the requirements of 10CFR50.55a(b)(2)(ix)(D) the coatings degradation is limited to the penetration and the immediate area around the penetrations. The heat from the feedwater piping was determined to cause blistering of the exterior coating. Any direct contact with the blistered coating results in flaking and peeling. The underlying primer coating was found to be intact with no visual signs distress or degradation.

No corrective actions were required to maintain the integrity of the structure. The areas where the coating were found to be blistering, in the proximity of the affected penetrations, was removed in accordance the Prairie Island Safety Related Coatings Program.

During the conduct of the General Visual Examination an examination of the Main Steam penetrations yielded similar results with the identification of areas of a blistering and peeling of the coating as discovered on the Feedwater penetrations. The Main Steam penetrations are C6C and C6D and the reinforcing plates associated with these penetrations are S-77A and S-73B respectively. Also, Feedwater penetration C7D was identified as having similar indications.

The Main Steam and Feedwater penetrations and surrounding plates are the only containment components whose coatings would be subject blistering and peeling as a result of elevated temperatures. No other areas would be subject to similar conditions. The General Visual Examination that identified these areas of degradation was sufficient to have found other similar conditions had they existed.

The conditions were found to be acceptable since the degradation is limited to the coating around high temperature penetrations. There were no flaws or degradation below the topcoat of the coatings system. The degradation of the coating is nonstructural in nature and has no affect the structural integrity of containment.

As required by IWE-3122.4, Acceptance by Evaluation, successive inspections will be scheduled in accordance with IWE-2420(b) and (c). The following components will be scheduled for successive inspections.

Plates

S-73B

S-77A

S-84A

S-87A

Penetration

C6C

C6D

C7C

C7D

Section 4. IWE Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

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									
600070	S-65	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V114 NAD	PC	2-ISI-302	9/8/2003
					SWI NDE-UT-10	UT 2003U030 NAD	PC	2-ISI-302	9/8/2003
600081	S-72	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V067 NAD	PC	2-ISI-304	9/19/2003
600082	S-72A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V076 NAD	PC	2-ISI-304	9/19/2003
600099	S-83	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V044 IND	PC	2-ISI-306	9/15/2003
600102	S-84A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V005 IND	PC	2-ISI-306	9/15/2003
Comments: Acceptable for continued service - see CAP032999									
600103	S-85	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V046 NAD	PC	2-ISI-306	9/15/2003
600105	S-86A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V066 NAD	PC	2-ISI-306	9/15/2003
600106	S-86B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V043 IND	PC	2-ISI-306	9/15/2003
600107	S-87	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V065 NAD	PC	2-ISI-306	9/15/2003
600108	S-87A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V045 IND	PC	2-ISI-306	9/15/2003
Comments: Acceptable for continued service - see CAP032999									
600109	S-87B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V006 NAD	PC	2-ISI-306	9/15/2003
600114	S-92	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V047 NAD	PC	2-ISI-307	9/17/2003
600115	S-92A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V048 NAD	PC	2-ISI-307	9/17/2003
600116	S-93	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V049 NAD	PC	2-ISI-307	9/17/2003
600117	S-93A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V039 NAD	PC	2-ISI-307	9/16/2003
600124	S-100	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V072 NAD	PC	2-ISI-309	9/24/2003
600125	S-101	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V074 NAD	PC	2-ISI-309	9/19/2003
600126	S-102	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V073 NAD	PC	2-ISI-309	9/24/2003
600127	S-103	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V107 NAD	PC	2-ISI-309	9/21/2003
600128	S-104	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V089 IND	PC	2-ISI-310	9/20/2003
600129	S-105	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V088 IND	PC	2-ISI-310	9/20/2003
600130	S-105A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V090 IND	PC	2-ISI-310	9/20/2003

Section 4. IWE Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
600131	S-106	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V084 IND	PC	2-ISI-310	9/20/2003
600132	S-106A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V087 IND	PC	2-ISI-310	9/20/2003
600133	S-107	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V085 IND	PC	2-ISI-310	9/20/2003
600134	S-108	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V086 IND	PC	2-ISI-310	9/20/2003
600135	S-109	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V108 NAD	PC	2-ISI-311	9/21/2003
600139	S-113	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V103 IND	PC	2-ISI-311	9/21/2003
600140	S-113A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V109 NAD	PC	2-ISI-311	9/21/2003
600269	C4	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V060 NAD	PC	2-ISI-302	9/17/2003
600270	C5	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V051 NAD	PC	2-ISI-302	9/17/2003
600273	C7C	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V070 IND	PC	2-ISI-306	9/19/2003
Comments:	Acceptable indications - see CAP032999								
600280	C12	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V052 NAD	PC	2-ISI-302	9/17/2003
600281	C13A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V033 IND	PC	2-ISI-302	9/17/2003
600283	C14	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V068 IND	PC	2-ISI-302	9/19/2003
600284	C15	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V093 NAD	PC	2-ISI-310	9/20/2003
600289	C20	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V053 NAD	PC	2-ISI-302	9/17/2003
600290	C21	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V050 NAD	PC	2-ISI-302	9/17/2003
600291	C22	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V091 IND	PC	2-ISI-310	9/20/2003
600292	C23	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V092 IND	PC	2-ISI-310	9/20/2003
600296	C26	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V061 NAD	PC	2-ISI-302	9/17/2003
600297	C27A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V062 NAD	PC	2-ISI-306	9/17/2003
600299	C27C	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V064 NAD	PC	2-ISI-306	9/17/2003
600301	C28B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V034 IND	PC	2-ISI-302	9/17/2003
600306	C31	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V096 NAD	PC	2-ISI-310	9/20/2003
600308	C32B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V056 NAD	PC	2-ISI-302	9/17/2003
600309	C33A	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V054 NAD	PC	2-ISI-302	9/17/2003
600310	C33B	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V055 NAD	PC	2-ISI-302	9/17/2003
600331	C39	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1	VT 2003V059 NAD	PC	2-ISI-302	9/17/2003

Section 4. IWE Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
600332	C40	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1 VT	2003V058 NAD	PC	2-ISI-302	9/17/2003
600347	C46D	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1 VT	2003V063 NAD	PC	2-ISI-306	9/17/2003
600352	C48	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1 VT	2003V057 NAD	PC	2-ISI-302	9/17/2003
600357	C53	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1 VT	2003V095 NAD	PC	2-ISI-310	9/20/2003
600358	C54	Accessible Surface Area	E-A	E1.12	SWI NDE-VT-2.1 VT	2003V094 NAD	PC	2-ISI-310	9/20/2003
600457	G47	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V143 NAD	PC	2-ISI-301	9/25/2003
					SWI NDE-VT-2.1 VT	2003V188 NAD	PC	2-ISI-301	10/6/2003
600464	G54	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V144 NAD	PC	2-ISI-301	9/25/2003
600465	G55	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V187 NAD	PC	2-ISI-301	10/6/2003
					SWI NDE-VT-2.1 VT	2003V145 NAD	PC	2-ISI-301	9/25/2003
600469	G59	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V189 NAD	PC	2-ISI-301	10/6/2003
					SWI NDE-VT-2.1 VT	2003V146 NAD	PC	2-ISI-301	9/25/2003
600472	G62	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V186 NAD	PC	2-ISI-302	10/6/2003
					SWI NDE-VT-2.1 VT	2003V147 NAD	PC	2-ISI-302	9/25/2003
600473	G63	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V185 NAD	PC	2-ISI-302	10/6/2003
					SWI NDE-VT-2.1 VT	2003V148 NAD	PC	2-ISI-302	9/25/2003
600476	G66	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V149 NAD	PC	2-ISI-302	9/25/2003
					SWI NDE-VT-2.1 VT	2003V184 NAD	PC	2-ISI-302	10/6/2003
600477	G67	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V150 NAD	PC	2-ISI-302	9/25/2003
					SWI NDE-VT-2.1 VT	2003V183 NAD	PC	2-ISI-302	10/6/2003
600478	G68	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V182 NAD	PC	2-ISI-302	10/6/2003
					SWI NDE-VT-2.1 VT	2003V151 NAD	PC	2-ISI-302	9/25/2003
600479	G68A	MOISTURE BARRIER	E-D	E5.30	SWI NDE-VT-2.1 VT	2003V181 NAD	PC	2-ISI-302	10/6/2003
					SWI NDE-VT-2.1 VT	2003V152 NAD	PC	2-ISI-302	9/25/2003
600494	B3	BOLTED CONNECTION	E-G	E8.10	SWI NDE-VT-1.1 VT	2003V069 NAD	PC	2-ISI-306	9/19/2003
600499	B5	BOLTED CONNECTION	E-G	E8.10	SWI NDE-VT-1.1 VT	2003V110 NAD	PC	2-ISI-310	9/21/2003
600661	C37A	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1 VT	2003V077 NAD	PC	2-ISI-304	9/19/2003
600662	C37B	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1 VT	2003V041 NAD	PC	2-ISI-306	9/16/2003
600663	C37C	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1 VT	2003V071 NAD	PC	2-ISI-304	9/19/2003

Section 4. IWE Examinations

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

Plant Unit: 2

Owner: Xcel Energy

Operated by: Nuclear Management Company

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

Commercial Service Date: December 21, 1974

National Board Number for Unit: N/A

Summary No.	Comp ID	Comp Desc.	Category	Item	Procedure	Method/Sheet/Results	System	ISO Num	Exam Date
600664	C37D	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1	VT 2003V013 IND	PC	2-ISI-306	9/16/2003
600665	C38A	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1	VT 2003V075 NAD	PC	2-ISI-304	9/19/2003
600666	C38B	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1	VT 2003V042 NAD	PC	2-ISI-306	9/16/2003
600667	C38C	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1	VT 2003V078 NAD	PC	2-ISI-304	9/19/2003
600668	C38D	Accessible Surface Area	E-C	E4.11	SWI NDE-VT-2.1	VT 2003V040 NAD	PC	2-ISI-306	9/16/2003

Section 5. Pressure Tests

The following scheduled pressure tests were conducted during Unit 2 Cycle 21. All indications of leakage were evaluated and corrective measures performed as required by IWB-3142, IWA-5250 and Unit 2 relief requests # 13 and 17.

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 2070	1	0208311	10/8/03
Reactor Coolant	B-P / B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, B15.70	SP 2392	1	0208443	10/8/03
Component Cooling	C-H / All	SP 2168.4A	2	0211961	9/13/03
Residual Heat Removal	C-H / All	SP 2168.10	2	0211943	10/7/03
Main Steam	C-H / All	SP 2168.11	2	0211944	9/13/03
SI Accumulators	C-H / All	SP 2168.12	2	0211945	10/8/03
Containment Spray	C-H / All	SP 2168.14	2	0211947	10/4/03
Post LOCA Hydrogen	C-H / All	SP 2168.15	2	0211948	9/20/03
Reactor Coolant Sampling	C-H / All	SP 2168.19	2	0211951	9/13/03
Reactor Coolant Gas Vent	C-H / All	SP 2168.23	2	0211954	10/8/03
Containment Penetrations	C-H / All	SP 2168.24	2	0211955	10/5/03
Aux Bldg Trench	C-H / All	SP 2168.25	2	0211957	9/15/03
Primary Vent Header	C-H / All	SP 2168.22	2	0211952	9/21/03

Seven class 2 components were accepted by evaluations conducted pursuant to relief request# 13. These evaluations are submitted below as required by subparagraph IWB-3144 (b).

From CE003703, MV-32063 Boric Acid Evaluation:

Issue:

MV-32063, 21 VCT OUTLET TO CHG PUMP SUCT HEADER MV, was identified as having evidence of boric acid leakage. The leakage was coming from the body-to-bonnet connection and was in contact with some of the body-to-bonnet fasteners. The initial inspection stated that there was possible boric acid corrosion on the fasteners.

Extent:

This evaluation applies only to the MV-32063, 21 VCT OUTLET TO CHG PUMP SUCT HEADER MV body-to-bonnet boric acid leakage. This is a relevant leak as defined by the ASME Section XI Pressure Testing Program

Disposition:

Acceptance of relevant conditions shall be per subarticle IWB-3142 of the ASME XI code. The corrective measures described in IWA-5250 are also applicable since boric acid residue is in contact with pressure retaining bolting. Code Case N-566-1 provides an alternative to the IWA-5250 corrective measures for bolted connections.

Corrective Measures:

Work Order 0307309 was written to address this leakage. The work package instructed maintenance to remove the valve bonnet assembly, clean/examine gasket seating surfaces, clean/examine body/bonnet fasteners, repair/replace parts as necessary, repack valve, and reassemble valve. The only part of the valve that was replaced was the gasket. The bolts were cleaned and reinstalled. The gasket seating surface was indicated by the worker to be good in all areas. The work package instructed the worker to "check for defects/damage" and to "ensure fasteners are suitable for reuse." The work package should have instructed the worker to have a VT-1 visual inspection performed due to the fasteners having been exposed to boric acid. This inspection, however, was not performed as required by the code. Since the valve failed its initial ASME XI pressure test, it was rescheduled for leak inspection per SP 2168.16, CVCS System Pressure Test after the corrective measures were completed.

Re-Inspection:

MV-32063 was inspected again during SP 2168.16, CVCS System Pressure Test for leakage from the body-to-bonnet area. There was no leakage found when re-inspected.

Evaluation:

Since compliance with the code was not accomplished (VT-1 examination of bolts), then Code Case N-566-1 will be used to determine the susceptibility of the bolting to corrosion and failure. MV-32063 is a 4" motor valve. The body-to-bonnet connection is secured with 8 fastener assemblies, all of which are 5/8" diameter. There is no indication in the CHAMPS data base of the fasteners ever being replaced, therefore, it's assumed that these fasteners are at least 10 years old. The fasteners are a low alloy high strength chrome moly steel. The studs are ASTM A193, Grade B7 and the nuts are ASTM A194, Grade 2H.

The process fluid going through this valve is borated water. Borated water can be highly corrosive to low alloy steels when certain temperatures and leak conditions exist. The leakage location on the valve is from the body-to-bonnet connection. The valve is installed on an angle on a horizontal piping run. The flanged body-to-bonnet connection is sloped at approximately 80 degrees from horizontal. The boric acid appeared to be leaking from the lower portion of the connection and collecting around one or two studs. The boric acid was dry and appeared rusty in color from being in contact with the fasteners.

MV-32063 is part of the CVCS system. It is located between the 21 Volume Control Tank outlet and the charging pump suction header. This is a low pressure, low temperature portion of the system. The valve is subjected to a typical temperature and pressure of approximately 110 deg F and 30 psig. The safety function of MV-32063 that is challenged by the missed fastener visual examination is its ability to maintain the system pressure boundary.

The purpose of the CVCS system as stated in the USAR is:

The Chemical and Volume Control System a) adjusts the concentration of chemical neutron absorber for chemical reactivity control, b) maintains the proper water inventory in the Reactor Coolant System, c) provides the required seal water flow for the reactor coolant pump shaft seals, d) processes reactor coolant letdown through filtration and ion exchange, e) maintains the proper concentration of corrosion inhibiting chemicals in the reactor coolant and f) keeps the reactor coolant activity to within design levels. The system is also used to fill and hydrostatically test the Reactor Coolant System.

The leakage on MV-32063 was discovered during an ASME XI system pressure test examination. There was no indication of any leakage from this valve during the prior Unit 2 outage. The only leakage found on this valve within the last 10 years was a packing leak discovered during the May 2000 Unit 2 outage. The valve was repacked per work order 0003497. No indication of any leakage at the body-to-bonnet connection was noted during this work.

As mentioned earlier, work order 0307309 was used to correct the body-to-bonnet leakage. During this work package, all fasteners were cleaned and checked by the maintenance worker. The step in the work package instructed the worker to "Clean/examine body/bonnet fasteners, check for defects/damage, ensure fasteners are suitable for reuse." This step was signed off without any indication that there was a problem with the fasteners. Recent inspection with the valve reassembled and in-service shows that there is still a little rust remaining on some of the bolts but no significant corrosion could be seen.

Conclusion:

During the re-inspection, there was no evidence of any boric acid leakage on the valve body-to-bonnet connection. This being the case, the only factor left to consider is whether or not any of the bolts were damaged by the boric acid enough to question the integrity of the valve under normal system pressures. This evaluation has considered that:

- each stud is capable of handling a load of approximately 32.2 ksi. With system pressure of 30 psi, the total load on all of the bolting combined will only be approximately 3.4 ksi. Slight weaknesses in 1 or 2 studs will not have a significant effect on the ability of the valve to maintain system pressure boundary,
- the bolts were examined by the maintenance worker that corrected the leak and were found to be suitable for reuse,
- the process temperature is only about 110 degrees F. The corrosion rate of boric acid on low alloy high strength bolting materials is less aggressive at low temperatures, and
- the source of leakage has been corrected.

Based on this evaluation it can be concluded that, despite missing the code-required visual examination of the fasteners, the structural integrity of the fasteners is adequate to perform the maintain system pressure boundary safety function of MV-32063 and no further corrective measures or examinations are required to support operability. MV-32063 is therefore acceptable for continued service.

From CE003666, RH Heat Exchanger 235-021 has Boric Acid leak indications:

Issue:

235-021, 21 RHR Heat Exchanger, was identified as having evidence of boric acid leakage at the shell/ tubesheet/ channel head bolted connection. Note that the boric acid trail came down over the edge of the channel head flange and contacts the adjacent low alloy fasteners. The leak was not active (i.e., wet) at the time of discovery.

Extent:

This evaluation applies to 235-021, 21 RHR Heat Exchanger leakage at the shell/ tubesheet/ channel head bolted connection, which was identified as a relevant leak per the ASME Section XI Pressure Testing Program. The leak is defined as relevant because the boric acid leakage is in contact with adjacent pressure boundary material.

Disposition:

Acceptance of relevant conditions shall be per subarticle IWB-3142 of the ASME XI code. The corrective measures described in IWA-5250 are also applicable since boric acid residue is in contact with pressure retaining bolting. Code Case N-566-1 provides an alternative to the IWA-5250 corrective measures for bolted connections.

Corrective Measures:

Since the indications appear to be very minor, replacement of the gasket suspected of causing the boric acid leakage is not considered necessary at this time. Instead, work order 0307473 was written to remove as many of the 28 fastener assemblies as could be physically removed without causing or risking a stud to be broken off inside the tubesheet flange. Visual inspections were performed on all fasteners including the visible portions of all irremovable fasteners. All 18 removed fastener assemblies were replaced with new material. Of the 10 assemblies that could not be removed, at least one nut was removed and all visible portions were VT-1 visually examined (reference ISI report number BOP-VT-03-079). None of the stud and nut assemblies, replaced or otherwise, exhibited signs of boric acid corrosion. The 21 RHR Heat Exchanger will undergo pressure testing after these corrective measures are complete and before leaving ITS mode 4.

Reinspection and Evaluation:

21 RHR Heat Exchanger was re-inspected for leakage during heat-up per SP 2168.10, RHR System Pressure Test. No indication of leakage was noted during the re-inspection 21 RHR Heat Exchanger.

Since compliance with IWA-5250(a)(2) was not accomplished (removal of all fasteners for VT-3 examination), then Case N-566-1 will be used to determine the susceptibility of the bolting to corrosion and failure. The code case requires that this evaluation address the following:

- (1) *The number and service age of the bolts.* There are 28 fastener assemblies. 18 assemblies were replaced with new material. The remaining assemblies are at least 10 years old.

- (2) *Bolt and component material.* The fasteners are ASTM A193 gr. B7 and A194 gr. 2H chrome moly. This material can be highly susceptible to boric acid corrosion at certain temperatures and leak conditions.
- (3) *Corrosiveness of process fluid.* The process fluid is borated water, which can be highly corrosive to ASTM A193 gr. B7 and A194 gr. 2H chrome moly and other low alloy steels when certain temperatures and leak conditions exist.
- (4) *Leakage location and system function.* The leakage indication is located at the 21 RHR heat exchanger tubesheet flange. The function of the RHR heat exchanger is to remove decay heat from reactor coolant when the reactor coolant temperature is below 350 deg. F.
- (5) *Leakage history at the connection or other system components.* The leak indication at the 21 RHR heat exchanger tubesheet was discovered during the last fuel cycle. Prior to this discovery, there have been no leaks in this location in the last ten years.
- (6) *Visual evidence of corrosion at the assembled connection.* All fasteners were inspected for signs of corrosion (see details above); none were found. Based on these results, the fasteners not completely inspected due to limitations are believed to also be in acceptable condition. The heat exchanger flanged surfaces were also found to be corrosion-free. Reference ISI report number BOP-VT-03-079.

Conclusion:

No leakage was noted during re-inspection of the RHR Heat Exchanger. Based on the inspections performed on the assessable fasteners, the fasteners not completely inspected are believed to be in acceptable condition. This component meets the acceptance criteria of SP 2168.10.

**From OPR000450, Revision 1:
CAP033038, 2RH-3-2 Boric Acid Leakage Indications.**

Identify the overall scope of the condition that calls OPERABILITY into question:

External leakage was identified from the body to cap gasket area of check valve 2RH-3-2 after RHR had been aligned for shutdown cooling for several days during the 2003 Unit 2 refueling outage (2R22). Since the valve gasket could not be replaced due to scheduling constraints, low alloy fasteners were replaced with stainless steel fasteners to limit the adverse effects of boric acid leakage.

Describe the specified safety, or safety support, function(s) of the SSC. Identify the Licensing Basis functions and performance requirements, including Technical Specifications, SAR, NRC Commitments, or other appropriate information:

There are two safety functions associated with this valve: 1) prevent leakage to the opposite train when the system is aligned for safeguards operation, and 2) maintain system pressure boundary. Since seat leakage is unaffected by this condition, preventing leakage to the opposite RHR train when the system is aligned for safeguards operation is not affected. The system pressure boundary safety function is affected by the external leakage for two reasons: the boric acid leakage can have a deleterious effect on nearby components, and contribute to the overall ECCS leakage outside of containment, which is restricted to less than 2 gallons per hour per H31 (H31 fulfills T.S. 5.5.2).

10CFR50.55a requires compliance with the ASME Boiler and Pressure Vessel Code Section XI. Per Section XI, boric acid leakage that has the potential to negatively affect the pressure

boundary is considered a relevant indication. Section XI subarticle IWB-3142 requires all relevant indications be accepted prior to continued plant operation. Since 2RH-3-2 has a relevant indication that will not be corrected before resuming normal plant operation, the relevant indication will be accepted by analytical evaluation as allowed by subarticle IWB-3142.

Evaluate the affects of the condition, including potential failure modes, on the ability of the SSC to perform its specified safety, or safety support, function(s):

1.0 Expected Service Conditions During Various Modes of Operation:

A Normal Operation

During cooldown and heat-up operations, the RHR loop is operated at RCS pressure less than 425 psig and temperatures less than 350°F. 2RH-3-2 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 the 475 psig. This condition would only exist for a short period of time; at the most it would be several hours. During this time frame, the concern for leakage through this valve gasket area would be loss of inventory.

B 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 2RH-8-1. This pressure condition would be for a very short time period as valves MV-32192, 32913, 32232, and 32233 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.

C Post Accident Operation

During a SGTR or small break LOCA, the RHR system could be used to complete cooldown of the affected unit. The conditions that 2RH-3-2 would be exposed to are bounded by those during normal cooldown operation. This would also be applicable to transients such as Appendix R fire or 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, 2RH-3-2 is exposed to 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 ft = 17 psig) Thus; a bounding pressure would be 63 psig. Leakage through this gasket area during recirculation operation could affect off-site and control room personnel dose.

2.0 Leakage Acceptance Criteria:

Per SP 2082, this valve is leak tested with the remainder of the RHR recirculation loop. The total leakage from this SP is included with the total leakage from the CS and SI systems. The acceptance criterion for this combined total leakage is 2 gph. SP 2082 is performed with the RCS pressurized to 350 psig. This testing fulfills the requirements that are discussed in program procedure H31 and T.S. 5.5.2, and is required by NUREG 0578 Sec. 2.1.6.a. As discussed above, this pressure is very conservative as the maximum pressure at the valve during post-LOCA recirculation 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 operation affects off-site dose and control room personnel dose. Per NUREG 0578, the dose analysis uses this as an input to determine accident consequences. The leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. So this leakage does not affect the dose analysis assumptions.

The 2 gph leakage acceptance criterion 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 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 $2 \text{ gph} \times 24 \text{ hours} \times 7 \text{ days} = 336 \text{ gallons}$. 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 loop has zero leakage. In actual operation, this leakage criterion 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 the water in the RWST and the valve. At minimum water level in the 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 during normal power operation. This check will provide a means of gross leakage detection and allow clean-up of 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 criterion for the valve is the difference between 2 gph and the total system leakage.

3.0 Effects of External Leakage

Also of concern, is the effect of boric acid leakage onto the check valve's pressure retaining components. The valve body and cap are constructed of ASTM A-351 CF 8M stainless steel. Stainless steel studs and nuts have been installed this outage per EEC 1366 and WO 0308602. 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 high boric acid concentrations, stainless steel does not rapidly corrode. For example, per H2, Attachment 1, at 300°F and 30% concentration, the expected wastage is estimated at 2 mils/yr. The boric acid in the RHR system is no

higher than 2% (~3500 ppm) based on maximum RWST boric acid concentrations. Thus, even with the 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.

Boric acid could potentially have a deleterious effect on other components in the near vicinity. A walkdown was performed to identify any components that such leakage could affect. The small amount of leakage through the cap joint area could run around the pipe and drip down from the pipe. There are very few items in the vicinity of the check valve and 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.

Is the SSC in its present condition capable of performing its safety or safety support function(s)?

2RH-3-2 is capable of performing its safety function to maintain system pressure boundary since the external leakage quantity is below the allowable amount. The leakage will not cause 2RH-3-2 to continue to degrade or other components in the vicinity to be affected. The safety function to prevent leakage, to the opposite RHR train when the system is aligned for safeguard operation, is not challenged by the external leakage. The leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. The combined total leakage for 2RH-3-2 and the other valves discussed in OPR 453 rev1, OPR 454 rev. 1, and OPR 455 rev 1 are well below the 2 gph criterion, so this leakage does not affect the dose analysis assumptions.

If the SSC is not fully operable, then provide an Aggregate Review of the condition.

There are several components within the RHR system that have identified leakage and were not corrected during 2R22. Operability recommendations have been written for these components and they are OPR 450 rev.1, OPR 453 rev1, OPR 454 rev. 1, OPR 451 rev.1, and OPR 455 rev 1. Together these OPRs must not exceed the 2 gph leakage acceptance criterion, except for, 2RH-6-1, addressed in OPR 451 rev. 1. 2RH-6-1 is not required to meet these technical specification limits since it is classified as ASME code class 2 and is not a part of the reactor coolant pressure boundary. Periodic monitoring, coinciding with the quarterly RHR surveillance procedure, will provide added assurance that the 2 gph criterion is not challenged. The leakage observed from this valve and the valves described in the above OPRs are not actively leaking, i.e. no measurable leakage rate was obtained. The total observed leakage rate is well below the established 2 gph criterion.

Other operable but degraded conditions exist within the RHR, CS, and SI systems. The CS and SI system are being included within this review because the 2 gph criterion includes the leakage within the CS and SI systems. OBD 48 addresses leakage from RH-3-1 and OBD 69 addresses inadequate thread engagement on a RHR connection but these do not apply to the conditions addressed in this OPR, since they are unit 1 issues. OBD 40 and 50 addresses configuration issues within the RHR and CS systems. These issues have no impact on the condition discussed in this OPR since they are configuration/documentation issues and will not contribute to the leakage rate. OBD 70 addresses inadequate thread engagement on a RHR connection. This does not impact the results of this OPR since this connection is not leaking. There are no conditions within the SI system that would contribute to the evaluation contained within this OPR.

Additional Actions Required:

1. Leakage from 2RH-3-2 with the RCS at approximately 350 psig, and combined with other leakage within the recirculation system, is less than 2 gph. Leakage measurement at 350 psig will ensure that the combined leakage will be maintained below 2 gph as required by H31.
2. The leakage should be verified to remain below 2 gph per H31. Inspect 2RH-3-2 on a quarterly basis to verify that the leakage quantity assumptions are contained within this evaluation are still valid. The inspection can be performed by Operations or Engineering personnel and will be documented such that they are comparable to the initial inspection conducted at 350 psig as well as all inspections conducted thereafter. The inspection frequency was changed from OPR 450 rev. 0, since the quarterly interval is an appropriate inspection frequency since RHR is not in service and is not under conditions where active leakage is neither expected nor likely and the boric acid leakage would not result in rapid corrosion or degradation of the component.
3. The leaking gasket is to be replaced no later than the next refueling outage (2005). GL 91-18 and 10 CFR 50 Appendix B requirements will be addressed if repairs to 2RH-3-2 are not performed as soon as practical. Work order 0308711 was generated to replace the gasket.

The results of these inspections will be documented in OBD 77. These additional measures may be terminated upon replacement of the leaking gasket and successful completion of the ASME XI system pressure test.

Equipment recommended to be Operable, but Degraded.

References:

1. ASME Boiler & Pressure Vessel Code Section XI, 1989 Edition
2. Operations Manual H2, Boric Acid Corrosion Control Program
3. H31, Radioactive Fluid Leakage Outside of Containment Reduction Program
4. EPRI 1000975

**From OPR000451, Revision 1:
CAP032780, 2RH-6-1 boric acid leak at valve bonnet**

Identify the overall scope of the condition that calls OPERABILITY into question.

External leakage was identified at the body to cap gasket area of the check valve 2RH-6-1, RHR to Letdown MV-32235 B-P Check, during the Unit 2 2003 refueling outage. The leakage observed was a very small amount (less than 1 cc) of dry boric acid. The leakage is not adversely affecting 2RH-6-1 or any adjacent equipment; therefore the leak will not be corrected during the 2R22 outage.

Describe the specified safety, or safety support, function(s) of the SSC. Identify the Licensing Basis functions and performance requirements, including Technical Specifications, USAR, NRC Commitments, or other appropriate information.

According to the Q-list extension, there are two safety functions associated with this valve 1) maintain system pressure boundary and 2) isolation. Since seat leakage is unaffected by this

condition, isolation is not affected. The maintain system pressure boundary safety function could be affected by the external leakage because the boric acid has the potential to have a deleterious effect on nearby components.

10CFR50.55a requires compliance with the ASME Boiler and Pressure Vessel Code Section XI. Per Section XI, boric acid leakage that has the potential to negatively affect the pressure boundary is considered a relevant indication. Section XI subarticle IWB-3142 requires all relevant indications be accepted prior to continued plant operation. Since 2RH-6-1 has a relevant indication that will not be corrected before resuming normal plant operation, the relevant indication will be accepted by analytical evaluation as allowed by subarticle IWB-3142.

Evaluate the affects of the condition, including potential failure modes, on the ability of the SSC to perform its specified safety, or safety support, function(s).

1. Expected Service Conditions During Various Modes of Operation:

A. Normal Operation

The two normal modes of operation include shutdown cooling and stand-by service. During cooldown and heat-up operations, the RHR loop is operated at RCS pressure less than 425 psig and temperatures less than 350°F. 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 40 feet assuming the pressurizer is water solid). Therefore, the total pressure at the valve would be less the 450 psig. This condition would only exist for a short period of time; at the most it would be several hours. During this time frame, the concern for leakage through this valve gasket area would be loss of inventory. When the RHR system is in the normal safeguards configuration, the valve is subjected to RWST head.

B. 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 2VC-26-1. The concern would only be increased leakage through the gasket area during this short time period. The concern for leakage would be lost inventory.

C. Post Accident Operation

During accident mitigation, the valve could be exposed to RHR system pressure as high as RHR pump shutoff head (140 psig). the conditions that 2RH-6-1 would be exposed to are bounded by those during normal cooldown operation. This would also be applicable to transient conditions such as Appendix R fire or 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, 2RH-6-1 is exposed to containment pressure. Since the RHR pumps are aligned to the reactor vessel, there is no appreciable

differential pressure to cause leakage. Any leakage through the gasket during recirculation operation is inside containment and has no effect on off-site and control room personnel dose.

2. Leakage Acceptance Criteria:

2RH-6-1 is classified as ASME code class 2 and is not part of the reactor coolant pressure boundary, therefore, technical specification leakage limits do not apply. The volume of leakage shall have no measurable effect on the RCS or ECCS inventory.

3. Effects of External Leakage

Also of concern, is the effect of boric acid leakage onto the check valve's pressure retaining components. The valve body and cap are constructed of stainless steel. 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 high boric acid concentrations, stainless steel does not rapidly corrode. For example, per H2, Attachment 1, at 300°F and 30% concentration, the expected wastage is estimated at 2 mils/yr. The boric acid in the RHR system is no higher than 2% (~3500 ppm) based on maximum RWST boric acid concentrations. Thus, even with the leakage, there is no significant risk of degradation of the valve body or cap that would result in a challenge to structural integrity.

Boric acid could potentially have a deleterious effect on other components in the near vicinity. A walkdown was performed to identify any components that such leakage could affect. The small amount of leakage through the cap joint area could run around the pipe and drip down from the pipe. There are very few items in the vicinity of the check valve and 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.

Is the SSC in its present condition capable of performing its safety or safety support function(s)?

2RH-6-1 is capable of performing its design function to maintain system pressure boundary, since the external leakage quantity is extremely small and the boric acid will not cause 2RH-6-1 or other components in the vicinity will not be affected. This leakage has no effect on off-site and control room personnel dose.

If the SSC is not fully operable, then provide an Aggregate Review of the condition.

There are several components within the RHR system that have identified leakage and were not corrected during 2R22. Operability recommendations have been written for these components and they are OPR 450 rev.1, OPR 453 rev1, OPR 454 rev. 1, and OPR 455 rev 1. Together these OPRs must meet technical specification leakage limits. 2RH-6-1 is not required to meet these technical specification limits since it is classified as ASME code class 2 and is not a part of the reactor coolant pressure boundary.

Other operable but degraded conditions exist within the RHR, CS, and SI systems. The CS and SI system are being included within this review. OBD 48 addresses leakage from RH-3-1 and

OBD 69 addresses inadequate thread engagement on an RHR connection but these do not apply to the conditions addressed in this OPR since they are Unit 1 issues. OBD 40 and 50 addresses configuration issues within the RHR and CS systems. These issues have no impact on the condition discussed in this OPR since they are configuration/documentation issues and will not contribute to the leakage rate. OBD 70 addresses inadequate thread engagement on a RHR connection. This does not impact the results of this OPR since this connection is not leaking. There are no conditions within the SI system that would contribute to the evaluation contained within this OPR.

Additional Actions Required:

1. 2RH-6-1 will be inspected quarterly when the Unit is operating at power to ensure that the leakage rate remains bounded by this evaluation. The inspection can be performed by Operations or Engineering personnel and shall be documented such that the results are comparable to the previous inspection results. The Engineering department may relax the inspection frequency as soon as the inspection results (e.g. boric acid accumulation is not increasing) justify less frequent monitoring. Monthly inspections can coincide with the regularly scheduled inspections conducted by the Operations Department. The inspection frequency was changed from OPR 451 rev. 0, since the quarterly interval is an appropriate inspection frequency since RHR is not in service and is not under conditions where active leakage is neither expected nor likely and the boric acid leakage would not result in rapid corrosion or degradation of the component.
2. The leaking gasket should be replaced no later than the next (2005) refueling outage. GL 91-18 and 10CFR50 Appendix B requirements should be addressed if repairs to 2RH-6-1 are not performed during the next outage or as soon as practical. Work order 0308719 was generated to replace the gasket.

The results of the inspections will be documented in OBD 78. These additional measures may be terminated upon the replacement of the leaking gasket and successful completion of the ASME XI pressure test. All action requests associated with the leakage of 2RH-6-1 are contained within CAP 032780.

Equipment recommended to be Operable, but Degraded.

References:

1. ASME Boiler & Pressure Vessel Code Section XI, 1989 Edition
2. Operations Manual H2, Boric Acid Corrosion Control Program
3. EPRI 1000975

**From OPR000453, Revision 1:
CAP032754, 2RH-10-1 Boric Acid Leak**

Identify the overall scope of the condition that calls OPERABILITY into question.

External leakage was identified from the body to bonnet gasket area of gate valve 2RH-10-1 after RHR had been aligned for shutdown cooling for several days during the 2003 Unit 2 refueling outage (2R22). Since the valve gasket could not be replaced due to scheduling constraints, low alloy fasteners were replaced with stainless steel fasteners to limit the adverse effects of boric acid leakage.

Describe the specified safety, or safety support, function(s) of the SSC. Identify the Licensing Basis functions and performance requirements, including Technical Specifications, USAR, NRC Commitments, or other appropriate information.

The normal function of this valve is to provide non-safety related isolation on the outlet side of the RHR heat exchanger for maintenance work. The only safety function of the valve is to maintain system pressure boundary. This safety function is affected by the external leakage for two reasons: The boric acid leakage can have a harmful effect on nearby components, and it contributes to the overall ECCS leakage outside of containment, which is restricted to less than 2 gallons per hour per H31.10CFR50.55a requires compliance with the ASME Boiler and Pressure Vessel Code Section XI. Per Section XI, boric acid leakage that has the potential to negatively affect the pressure boundary is considered a relevant indication. Section XI subarticle IWB-3142 requires all relevant indications be accepted prior to continued plant operation. Since 2RH-10-1 has a relevant indication that will not be corrected before resuming normal plant operation, the relevant indication will be accepted by analytical evaluation as allowed by subsubarticle IWB-3142.4.

Evaluate the affects of the condition, including potential failure modes, on the ability of the SSC to perform its specified safety, or safety support, function(s).

1. Expected Service Conditions During Various Modes of Operation:

- A. Normal Operation: During cooldown and heat-up operations, the RHR loop is operated at an RCS pressure less than 425 psig and temperature less than 350°F. The system is lined up to take suction from the Hot Leg and discharge into the Loop B Cold Leg. The RHR pump has a total developed head of almost 135 psig. The pump discharges into the RHR heat exchanger and 2RH-10-1 is located downstream of the RHR heat exchanger. The actual pressure conditions at the gate valve would be less than 560 psig. This condition would only exist for a short time period, at the most, several hours. During this time frame, the concern for leakage through the valve gasket area would be lost inventory and the boric acid dripping on the equipment below 2RH-10-1.
- B. Transient Operation: The conditions that 2RH-10-1 would be exposed to during plant transient conditions are bounded by those during a normal cooldown operation. This would 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. Other plant transient conditions may require the system to provide Emergency Core Cooling Injection or Recirculation, which are described below in the Post-Accident Operation section. During plant transients the concern for leakage through this valve gasket area would be lost inventory and the boric acid dripping on equipment below 2RH-10-1. Transient conditions for the RHR system itself could be overpressure or over temperature conditions. System pressure is limited to the setpoint (plus accumulation) for relief valve 2RH-8-1 for overpressure conditions. This pressure condition would be for a very short time period as valves MV-32192, 32193, 32232 and 32233 would close at a pressure of 600 psig. Note that the valve (including studs) is designed for these overpressure conditions. During this short system overpressure condition the concern would be increased

leakage through the gasket area and the boric acid dripping on equipment below 2RH-10-1.

- C. Post-Accident Operation: The conditions that 2RH-10-1 would be exposed to are bounded by those during a normal cooldown operation. During a SGTR (2ES 3.1, 3.2, 3.3) or small break LOCA (2ES 1.1), the RHR system could be used to complete the cooldown of the unit. During Emergency Core Cooling Injection the RHR system is lined up to take Suction from the RWST and discharge to the reactor vessel. The pressure the valve would experience would be less than the sum of the head pressure of the RWST and total developed head of the pump. During this condition the concern would be increased leakage through the gasket area and the equipment below 2RH-10-1. During post-LOCA recirculation the system is lined up to take suction from Sump B and discharge into the reactor vessel. 2RH-10-1 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 the recirculation operation could affect off-site and control room personnel dose.

2. Leakage Acceptance Criteria:

Per SP 2082, 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 criterion for this combined total leakage is 2 gph. SP 2082 is performed with the RCS pressurized to 350 psig. This testing fulfills the requirements that are discussed in program procedure H31 and T.S. 5.5.2, and is required by NUREG 0578 Sec. 2.1.6.a. 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 leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. So this leakage does not affect the dose analysis assumptions. The 2 gph leakage acceptance criterion 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 are the difference between the 2 gph and the total system leakage. During normal power operation the RHR

system is in standby and lined up to take suction from the RWST. 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 quarterly, 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 criterion for the valve is the difference between the 2 gph and the total system leakage.

3. Effects of External Leakage

Also of concern is the effect of boric acid leakage onto the check valve pressure retaining components. The valve body and bonnet are constructed of ASTM A-351 CF-8M stainless steel. Stainless steel studs and nuts have been installed this outage per EEC 1359 and WO 0306495. 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 high boric acid 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 leakage, there is no significant risk of degradation of the studs, nuts, valve body or bonnet that would result in a challenge to structural integrity. Boric acid could potentially have a harmful effect on other equipment in the vicinity. A walkdown was performed to identify any components that such leakage could affect. Directly below the valve is the 22 RHR HX RC OUTL FLOW I/P CNVTR 35008 for control valve CV-31239. The control device is sealed with an O-ring and currently does not show any sign of degradation. Inspections of the I/P Converter will be conducted as part of the leak monitoring. Further evaluation will be required if the leakage volume increases. The control valve's fail-safe position is Open. The valve position would remain Open if the I/P converter failed.

Is the SSC in its present condition capable of performing its safety or safety support function(s)?

2RH-10-1 is capable of performing its safety function to maintain system pressure boundary since the external leakage quantity is below the allowable amount and the leakage will not cause 2RH-10-1 to continue to degrade or components in the vicinity to unacceptably degrade and not perform their safety functions. The leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. The combined total leakage for 2RH-10-1 and the other valves discussed in OPR 450 rev1, OPR 454 rev. 1, and OPR 455 rev 1 are well below the 2 gph criterion, so this leakage does not affect the dose analysis assumptions.

If the SSC is not fully operable, then provide an Aggregate Review of the condition.

1. There are several components within the RHR system that have identified leakage and were not corrected during 2R22. Operability recommendations have been written for these components and they are OPR 450 rev.1, OPR 453 rev1, OPR 454 rev. 1, OPR 451 rev 1, and OPR 455 rev 1. Together these OPRs must not exceed the 2 gph leakage acceptance criterion, except for 2RH-6-1, addressed in OPR 451 rev. 1. 2RH-6-1 is not required to meet these technical specification limits since it is classified as ASME code class 2 and is not a part of the reactor coolant pressure boundary. Periodic monitoring, coinciding with the quarterly RHR surveillance procedure, will provide added assurance that the 2 gph criterion is not challenged. The leakage observed from this valve and the valves described in the above OPRs are not actively leaking, i.e. no measurable leakage rate was obtained. The total observed leakage rate is well below the established 2 gph criterion. Other operable but degraded conditions exist within the RHR, CS, and SI systems. The CS and SI system are being included within this review because the 2 gph criterion includes the leakage within the CS and SI systems. OBD 48 addresses leakage from RH-3-1 and OBD 69 addresses inadequate thread engagement on an RHR connection but these do not apply to the conditions addressed in this OPR since they are Unit 1 issues. OBD 40 and 50 addresses configuration issues within the RHR and CS systems. These issues have no impact on the condition discussed in this OPR since they are configuration/documentation issues and will not contribute to the leakage rate. OBD 70 addresses inadequate thread engagement on an RHR connection. This does not impact the results of this OPR since this connection is not leaking. There are no conditions within the SI system that would contribute to the evaluation contained within this OPR.

Additional Actions:

1. Leakage from 2RH-10-1 with the RCS at approximately 350 psig, and combined with other leakages within the recirculation system, is less than 2 gph. Leakage measurement at 350 psig ensures that the combined leakage will be maintained below 2 gph as required by H31.2.
2. The leakage will be verified to remain below 2 gph per H31. Inspect 2RH-10-1 quarterly to verify that the leakage quantity assumptions contained within this evaluation are still valid. The inspection can be performed by Operations or Engineering personnel and should be documented such that they are comparable to the initial inspection conducted at 350 psig as well as all inspections conducted thereafter.
3. The leaking gasket is to be replaced no later than the next (2005) Unit 2 refueling outage. GL 91-18 and 10CFR50 Appendix B requirements shall be addressed if repairs to 2RH-10-1 are not performed as soon as practical. Work Order 0308790 was generated to replace the gasket.
4. The 22 RHR HX RC OUTL FLOW I/P CNVTR 35008 for control valve CV-31239 directly below 2RH-10-1 will be inspected and cleaned as necessary in conjunction with the inspections for 2RH-10-1. If necessary, further evaluations may be required for indications of boric acid residue.

The results of these inspections will be documented in OBD 79. The additional measures may be terminated upon replacement of the leaking gasket and successful completion of the ASME XI system pressure test.

Equipment recommended to be Operable, but Degraded.

References:

1. ASME Boiler & Pressure Vessel Code Section XI, 1989 Edition
2. Operations Manual H2, Boric Acid Corrosion Control Program
3. H31, Radioactive Fluid Leakage Outside of Containment Reduction Program

**From OPR000454, Revision 1:
CAP032755, 2RH-1-1 Has Boric Acid Leak**

Identify the overall scope of the condition that calls OPERABILITY into question.

External leakage was identified from the body to bonnet gasket area of manual gate valve 2RH-1-1 after RHR had been aligned for shutdown cooling for several days during the 2003 Unit 2 refueling outage (2R22). This 8", 300#, Crane flex wedge gate valve is the 22 RHR pump suction valve. Since the valve gasket could not be replaced due to scheduling constraints, low alloy fasteners were replaced with stainless steel fasteners per WO# 0307472 in accordance with EEC# 1359 to limit the adverse effects of boric acid leakage.

Describe the specified safety, or safety support, function(s) of the SSC. Identify the Licensing Basis functions and performance requirements, including Technical Specifications, USAR, NRC Commitments, or other appropriate information.

The one safety function associated with this valve is to maintain system pressure boundary. The maintain system pressure boundary safety function is affected by the external leakage for two reasons: The boric acid leakage can have a deleterious effect on nearby components, and it contributes to the overall ECCS leakage outside of containment, which is restricted to less than 2 gallons per hour per H31.

10CFR50.55a requires compliance with the ASME Boiler and Pressure Vessel Code Section XI. Per Section XI, boric acid leakage that has the potential to negatively affect the pressure boundary is considered a relevant indication. Section XI subarticle IWB-3142 requires all relevant indications be accepted prior to continued plant operation. Since 2RH-1-1 has a relevant indication that will not be corrected before resuming normal plant operation, the relevant indication will be accepted by analytical evaluation as allowed by sub article IWB-3142.4.

Evaluate the affects of the condition, including potential failure modes, on the ability of the SSC to perform its specified safety, or safety support, function(s).

1. Expected Service Conditions During Various Modes of Operation:

A. 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. 2RH-1-1 is directly in this flow path and could be exposed to these conditions. The actual pressure conditions at the gate 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.

B. 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 2RH-8-1. This pressure condition would be for a very short time period as valves MV-32192, 32193, 32232 and 32233 would automatically close at a pressure of 600 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.

C. Post-Accident Operation:

During a SGTR (2ES 3.1, 3.2, 3.3) or small break LOCA (2ES 1.1), the RHR system could be used to complete the cooldown of the unit. The conditions that 2RH-1-1 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, 2RH-1-1 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 the recirculation operation could affect off-site and control room personnel dose.

2. Leakage Acceptance Criteria:

Per SP 2082, 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 criterion for this combined total leakage is 2 gph. SP 2082 is performed with the RCS pressurized to 350 psig. This testing fulfills the requirements that are discussed in program procedure H31 and T.S. 5.5.2, and is required by NUREG 0578 Sec. 2.1.6.a. 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 leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. So this leakage does not affect the dose analysis assumptions.

The 2 gph leakage acceptance criterion 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 are 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 criterion for the valve is the difference between the 2 gph and the total system leakage.

3. Effects of External Leakage

Also of concern is the effect of boric acid leakage onto the gate valve pressure retaining components. The valve body and bonnet are constructed of ASTM A-351 CF8M cast stainless steel. Stainless steel studs and nuts have been installed this outage per EEC 1359 and WO 0307472. 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 high boric acid 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 leakage, there is no significant risk of degradation of the studs, nuts, valve body or bonnet that would result in a challenge to structural integrity.

Boric acid could potentially have a deleterious effect on other equipment in the vicinity. A walkdown was performed to identify any components that such leakage could affect. The small amount of leakage through the body to bonnet joint area would run around the joint and drip down from the pipe. There are very few items in the vicinity of the gate valve and no items of concern directly below the gate valve that could be affected by small amounts of boric acid leakage. Therefore, this is not a significant concern.

Is the SSC in its present condition capable of performing its safety or safety support function(s)?

2RH-1-1 is capable of performing its safety function to maintain system pressure boundary since the external leakage quantity is well below the allowable amount. The leakage will not

cause 2RH-1-1 to continue to degrade. Components in the vicinity will not be affected. The leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. The combined total leakage for 2RH-1-1 and the other valves discussed in OPR 453 rev1, OPR 450 rev. 1, and OPR 454 rev 1 are well below the 2 gph criterion, so this leakage does not affect the dose analysis assumptions.

If the SSC is not fully operable, then provide an Aggregate Review of the condition.

There are several components within the RHR system that have identified leakage and were not corrected during 2R22. Operability recommendations have been written for these components and they are OPR 450 rev.1, OPR 453 rev1, OPR 454 rev. 1, OPR 451 rev 1, and OPR 455 rev 1. Together these OPRs must not exceed the 2 gph leakage acceptance criterion, except for 2RH-6-1, addressed in OPR 451 rev. 1. 2RH-6-1 is not required to meet these technical specification limits since it is classified as ASME code class 2 and is not a part of the reactor coolant pressure boundary. Periodic monitoring, coinciding with the quarterly RHR surveillance procedure, will provide added assurance that the 2 gph criterion is not challenged. The leakage observed from this valve and the valves described in the above OPRs are not actively leaking, i.e. no measurable leakage rate was obtained. The total observed leakage rate is well below the established 2 gph criterion.

Other operable but degraded conditions exist within the RHR, CS, and SI systems. The CS and SI system are being included within this review because the 2 gph criterion includes the leakage within the CS and SI systems. OBD 48 addresses leakage from RH-3-1 and OBD 69 addresses inadequate thread engagement on a RHR connection but these do not apply to the conditions addressed in this OPR since they are Unit 1 issues. OBD 40 and 50 addresses configuration issues within the RHR and CS systems. These issues have no impact on the condition discussed in this OPR since they are configuration/documentation issues and will not contribute to the leakage rate. OBD 70 addresses inadequate thread engagement on an RHR connection. This does not impact the results of this OPR since this connection is not leaking. There are no conditions within the SI system that would contribute to the evaluation contained within this OPR.

Additional Actions required:

1. Leakage from 2RH-1-1 with the RCS at approximately 350 psig, and combined with other leakages within the recirculation system, is less than 2 gph. Leakage measurement at 350 psig ensures that the combined leakage will be maintained below 2 gph as required by H31.
2. The leakage should be verified to remain below 2 gph per H31. Inspect 2RH-1-1 quarterly to verify that the leakage quantity assumptions contained within this evaluation are still valid. The inspection can be performed by Operations or Engineering personnel and will be documented such that they are comparable to the initial inspection conducted at 350 psig as well as all inspections conducted thereafter.
3. The leaking gasket is to be replaced no later than the next (2005) Unit 2 refueling outage. GL 91-18 and 10CFR50 Appendix B requirements shall be addressed if repairs to 2RH-1-1 are not performed as soon as practical. Work Order# 0308786 has been initiated to replace the body to bonnet gasket on this gate valve.

The results of the inspections will be documented in OBD 80. The additional measures may be terminated upon replacement of the leaking gasket and successful completion of the ASME XI system pressure test.

Equipment recommended to be Operable, but Degraded.

References:

1. ASME Boiler & Pressure Vessel Code Section XI, 1989 Edition
2. Operations Manual H2, Boric Acid Corrosion Control Program
3. H31, Radioactive Fluid Leakage Outside of Containment Reduction Program

**From OPR000455, Revision 1:
CAP032768, 2RH-10-2 has boric acid leakage indications**

Identify the overall scope of the condition that calls OPERABILITY into question.

External leakage was identified from the body to bonnet gasket area of gate valve 2RH-10-2 after RHR had been aligned for shutdown cooling for several days during the 2003 Unit 2 refueling outage (2R22). Since the valve gasket could not be replaced due to scheduling constraints, low alloy fasteners were replaced with stainless steel fasteners to limit the adverse effects of boric acid leakage.

Describe the specified safety, or safety support, function(s) of the SSC. Identify the Licensing Basis functions and performance requirements, including Technical Specifications, USAR, NRC Commitments, or other appropriate information.

The normal function of this valve is to provide non-safety related isolation on the outlet side of the RHR heat exchanger for maintenance work. The only safety function of the valve is to maintain system pressure boundary. This safety function is affected by the external leakage for two reasons: The boric acid leakage can have a harmful effect on nearby components, and it contributes to the overall ECCS leakage outside of containment, which is restricted to less than 2 gallons per hour per H31.

10CFR50.55a requires compliance with the ASME Boiler and Pressure Vessel Code Section XI. Per Section XI, boric acid leakage that has the potential to negatively affect the pressure boundary is considered a relevant indication. Section XI subarticle IWB-3142 requires all relevant indications be accepted prior to continued plant operation. Since 2RH-10-2 has a relevant indication that will not be corrected before resuming normal plant operation, the relevant indication will be accepted by analytical evaluation as allowed by subarticle IWB-3142.4.

Evaluate the affects of the condition, including potential failure modes, on the ability of the SSC to perform its specified safety, or safety support, function(s).

1. Expected Service Conditions During Various Modes of Operation:

A. Normal Operation:

During cooldown and heat-up operations, the RHR loop is operated at an RCS pressure less than 425 psig and temperature less than 350°F. The system is lined up to take suction from the Hot Leg and discharge into the Loop B Cold Leg. The RHR pump has a total developed head of almost 135 psig. The pump discharges into the

RHR heat exchanger and 2RH-10-2 is located downstream of the RHR heat exchanger. The actual pressure conditions at the gate valve would be less than 560 psig. This condition would only exist for a short time period, at the most, several hours. During this time frame, the concern for leakage through the valve gasket area would be lost inventory and the boric acid dripping on the equipment below 2RH-10-2.

B. Transient Operation:

The conditions that 2RH-10-2 would be exposed to during plant transient conditions are bounded by those during a normal cooldown operation. This would 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. Other plant transient conditions may require the system to provide Emergency Core Cooling Injection or Recirculation, which are described below in the Post-Accident Operation section. During plant transients the concern for leakage through this valve gasket area would be lost inventory and the boric acid dripping on equipment below 2RH-10-2. Transient conditions for the RHR system itself could be overpressure or over temperature conditions. System pressure is limited to the setpoint (plus accumulation) for relief valve 2RH-8-1 for overpressure conditions. This pressure condition would be for a very short time period as valves MV-32192, 32193, 32232 and 32233 would close at a pressure of 600 psig. Note that the valve (including studs) is designed for these overpressure conditions. During this short system overpressure condition the concern would be increased leakage through the gasket area and the boric acid dripping on equipment below 2RH-10-2.

C. Post-Accident Operation:

The conditions that 2RH-10-2 would be exposed to are bounded by those during a normal cooldown operation. During a SGTR (2ES 3.1, 3.2, 3.3) or small break LOCA (2ES 1.1), the RHR system could be used to complete the cooldown of the unit. During Emergency Core Cooling Injection the RHR system is lined up to take Suction from the RWST and discharge to the reactor vessel. The pressure the valve would experience would be less than the sum of the head pressure of the RWST and total developed head of the pump. During this condition the concern would be increased leakage through the gasket area and the equipment below 2RH-10-2. During post-LOCA recirculation the system is lined up to take suction from Sump B and discharge into the reactor vessel. 2RH-10-2 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 the recirculation operation could affect off-site and control room personnel dose.

2. Leakage Acceptance Criteria:

Per SP 2082, 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 criterion for this combined total leakage is 2 gph. SP 2082 is performed with the RCS pressurized to 350 psig. This testing fulfills the requirements that are discussed in program procedure H31 and T.S. 5.5.2, and is required by NUREG 0578 Sec. 2.1.6.a. 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 leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. So this leakage does not affect the dose analysis assumptions.

The 2 gph leakage acceptance criterion 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 are the difference between the 2 gph and the total system leakage.

During normal power operation the RHR system is in standby and lined up to take suction from the RWST. 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 quarterly, 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 criterion for the valve is the difference between the 2 gph and the total system leakage.

3. Effects of External Leakage

Also of concern is the effect of boric acid leakage onto the gate valve pressure retaining components. The valve body and bonnet are constructed of ASTM A-351 CF-8M stainless steel. Stainless steel studs and nuts have been installed this outage per EEC 1359 and WO 0307481. 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 high boric acid 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 leakage, there is no significant risk of degradation of the studs, nuts, valve body or bonnet that would result in a challenge to structural integrity.

Boric acid could potentially have a harmful effect on other equipment in the vicinity. A walkdown was performed to identify any components that such leakage could affect. Directly below the valve is the 21 RHR HX RC OUTL FLOW I/P CNVTR 35007 for control valve CV-31238. The control device is sealed with an O-ring and currently does not show any sign of degradation. Inspections of the I/P Converter will be conducted as part of the leak monitoring. Further evaluation will be required if the leakage volume increases. The control valve's fail-safe position is Open. The valve position would remain Open if the I/P converter failed.

Is the SSC in its present condition capable of performing its safety or safety support function(s)?

2RH-10-2 is capable of performing its safety function to maintain system pressure boundary since the external leakage quantity is well below the allowable amount and the leakage will not cause 2RH-10-2 to continue to degrade or other components in the vicinity to unacceptably degrade and not perform their safety functions. The leakage that was observed on this valve was not active at the time so no measurable leakage rate could be determined but was still well below the 2gph criterion. The combined total leakage for 2RH-10-2 and the other valves discussed in OPR 453 rev1, OPR 450 rev. 1, and OPR 454 rev 1 are well below the 2 gph criterion, so this leakage does not affect the dose analysis assumptions.

If the SSC is not fully operable, then provide an Aggregate Review of the condition.

There are several components within the RHR system that have identified leakage and were not corrected during 2R22. Operability recommendations have been written for these components and they are OPR 450 rev.1, OPR 453 rev1, OPR 454 rev. 1, OPR 451 rev 1, and OPR 455 rev 1. Together these OPRs must not exceed the 2 gph leakage acceptance criterion, except for 2RH-6-1, addressed in OPR 451 rev. 1. 2RH-6-1 is not required to meet these technical specification limits since it is classified as ASME code class 2 and is not a part of the reactor coolant pressure boundary. Periodic monitoring, coinciding with the quarterly RHR surveillance procedure, will provide added assurance that the 2 gph criterion is not challenged. The leakage observed from this valve and the valves described in the above OPRs are not actively leaking, i.e. no measurable leakage rate was obtained. The total observed leakage rate is well below the established 2 gph criterion.

Other operable but degraded conditions exist within the RHR, CS, and SI systems. The CS and SI system are being included within this review because the 2 gph criterion includes the leakage within the CS and SI systems. OBD 48 addresses leakage from RH-3-1 and OBD 69 addresses inadequate thread engagement on an RHR connection but these do not apply to the conditions addressed in this OPR since they are Unit 1 issues. OBD 40 and 50 addresses configuration issues within the RHR and CS systems. These issues have no impact on the condition discussed in this OPR since they are configuration/documentation issues and will not contribute to the leakage rate. OBD 70 addresses inadequate thread engagement on an RHR connection. This does not impact the results of this OPR since this connection is not leaking. There are no conditions within the SI system that would contribute to the evaluation contained within this OPR.

Additional Actions Required:

1. Leakage from 2RH-10-2 with the RCS at approximately 350 psig, and combined with other leakages within the recirculation system, is less than 2 gph. Leakage measurement at 350 psig ensures that the combined leakage will be maintained below 2 gph as required by H31.
2. The leakage should be verified to remain below 2 gph per H31. Inspect 2RH-10-2 quarterly to verify that the leakage quantity assumptions contained within this evaluation are still valid. The inspection can be performed by Operations or Engineering personnel and will be documented such that they are comparable to the initial inspection conducted at 350 psig as well as all inspections conducted thereafter.
3. The leaking gasket is to be replaced no later than the next (2005) Unit 2 refueling outage. GL 91-18 and 10CFR50 Appendix B requirements shall be addressed if repairs to 2RH-10-2 are not performed as soon as practical. Work Order 0308791 was generated to replace the gasket.
4. The 21 RHR HX RC OUTL FLOW I/P CNVTR 35007 for control valve CV-31238 directly below 2RH-10-2 will be inspected and cleaned as necessary in conjunction with the inspections for 2RH-10-2.

The results of the inspections will be documented in OBD 81. The aggregate measures may be terminated upon replacement of the leaking gasket and successful completion of the ASME XI system pressure test.

Equipment recommended to be Operable, but Degraded.

References:

1. ASME Boiler & Pressure Vessel Code Section XI, 1989 Edition
2. Operations Manual H2, Boric Acid Corrosion Control Program
3. H31, Radioactive Fluid Leakage Outside of Containment Reduction Program

Section 6. Snubber Inservice Testing and Preservice Examinations

Visual Inspection results showed no snubber failures. One failure occurred for the snubbers that underwent functional testing. PI-452 in hanger 2-RSIH-350 failed the lock up test in compression. Scope was expanded to 8 additional snubbers for functional testing and resulted in no failures (CAP032993).

HANGER #	PI # REMOVED	FUNCTIONAL TEST WO AS FOUND	FUNCTIONAL TEST RESULTS	PI # REPLACED	PRE-INSTALLATION TEST WO	VT-3 EXAM WO
2-MSH-23A	519	0304436	Ok	519	0304398	0211655
2-RCRH-47	578	0304436	Ok	567	0304398	0211565
2-CSH-75A	217	0304436	Ok	107	0304398	0211660
2-CSH-75B	391	0304436	Ok	194	0304398	0211661
2-CSH-76	405	0304436	Ok	295	0304398	0211662
2-CWH-52**	389	0304436	Ok	389	0304398	0211669
2-CWH-54**	61	0304436	Ok	70	0304398	0211670
2-RCRH-14	307	0304436	Ok	262	0304398	0211671
2-RCRH-5	150	0304436	Ok	290	0304398	0211672
2-CVCRH-6	184	0304436	Ok	179	0304398	0211673
2-RRCH-279A	553	0304436	Ok	512	0304398	0211674
2-RRCH-282	169	0304436	Ok	604	0304398	0211675
2-CSH-83**	357	0304436	Ok	124	0304398	0211676
2-CSH-84**	56	0304436	Ok	151	0304398	0211677
2-CCH-176**	513	0304436	Ok	563	0304398	0211678
2-CSH-79	380	0304436	Ok	545	0304398	0211679
2-CWH-47**	167	0304436	Ok	394	0304398	0211680
2-RRCH-288	24	0304436	Ok	145	0304398	0211681
2-RRCH-292	600	0304436	Ok	326	0304398	0211682
2-RSIH-268	183	0304436	Ok	334	0304398	0211683
2-RSIH-343	601	0304436	Ok	185	0304398	0211684
2-RSIH-349	171	0304436	Ok	182	0304398	0211685
2-RSIH-350	452	0304436	Failed -Locked up	458	0304398	0211686
2-RSIH-353A	330	0304436	Ok	336	0304398	0211687
2-RSIH-353B**	181	0304436	Ok	460	0304398	0211688
2-SIRH-18**	125	0304436	Ok	324	0304398	0211689
21 S/G 04	Valve Block 15	0211912	Ok	Valve Block 12	0211912	0211912

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HANGER #	PI # REMOVED	FUNCTIONAL TEST WO AS FOUND	FUNCTIONAL TEST RESULTS	PI # REPLACED	PRE- INSTALLATION TEST WO	VT-3 EXAM WO
22 S/G oil sample only under work order 0308646						NA

** Expanded Scope Examinations

Section 7. Steam Generator Eddy Current Examination Results

Technical Specification 5.6.7.2 requires the results of steam generator tube in-service inspections shall be included with the summary reports of ASME Code Section XI inspections submitted within 90 days of the end of each refueling outage. The report Shall include:

1. number and extent of tubes inspected,
2. location and extent of wall-thickness penetration for each indication of an imperfection, and
3. identification of tubes plugged or sleeved.

Table I provides the number (as a percentage) and extent of tubes inspected.

Table II provides the location and extent of wall-thickness penetration for each indication of an imperfection. Tubes with degradation below the F* or EF* distance left in service using an F* or EF* repair criteria are not included in this report. F* and EF* tubes are reported in "2003 Unit 2 Steam Generator Inspection Results – 15 Day Report".

Table III provides the identification of tubes plugged or sleeved.

TABLE I
Number and Extent of Tubes Inspected

SCOPE	PROBE TYPE	S/G 21	S/G 22
Full Length①	Bobbin	100%	100%
Rows 1 through 11 U-Bends	MRPC	100%	100%
Hot Leg Tubesheets	MRPC	100%	100%
Cold Leg Tubesheets	MRPC	20%	20%
Hot Leg Roll Plugs	MRPC	25%	25%
Post In Situ Pressure Test	MRPC	N/A	100%
Supplemental②	MRPC	100%	100%
Free Span Dents ≥ 5.0 volts	MRPC	25%	25%
Plug Visual	N/A	100%	100%
Baseline new Re-Rolls	Bobbin/MRPC	100%	100%

① Except the bend portion of rows 1 through 4 u-bends.

② ADR, CUD, DEP, DNI, DNT ≥ 5.0 volts at a tube support plate; DNT ≥ 5.0 volts at the top of the tube sheet, DRI, DSI, DTI, INR ≥ 1.5 volts at a tube support plate, MBM, MRI, NQI, PLP (Bound MRPC PLP's), PSI, Cold Leg Thinning ≥ 40% or < 40% and ≥ 1.5 volts.

TABLE II
Location and Extent of Wall-thickness Penetration for Each Indication of an Imperfection

NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
1	21	C	16	4	20	01C	-0.03		<TS
2	21	C	16	5	12	02C	0.00		<TS
3	21	C	14	6	20	01C	-0.09		<TS
4	21	C	19	6	24	NV1	-0.17		<TS
5	21	C	20	6	1	01C	-0.08		<TS
6	21	C	21	7	1	01C	0.00		<TS
7	21	C	23	7	15	01C	-0.25		<TS
8	21	C	21	9	25	NV1	1.18		<TS
9	21	C	25	10	1	01C	-0.27		<TS
10	21	C	27	10	25	07H	25.77		<TS
11	21	H	25	11	18	02C	0.28		<TS
12	21	C	29	13	17	01C	-0.24		<TS
13	21	C	33	17	22	02C	-0.03		<TS
14	21	C	31	18	11	01C	-0.32		<TS
15	21	C	34	18	1	01C	-0.29		<TS
16	21	C	36	18	8	02C	-0.15		<TS
17	21	C	36	21	9	02C	0.12		<TS
18	21	C	41	26	22	01C	0.26		<TS
19	21	C	41	26	24	01C	-0.26		<TS
20	21	C	23	27	22	NV4	4.31		<TS
21	21	C	41	27	1	01C	0.14		<TS
22	21	C	41	27	19	01C	-0.23		<TS
23	21	C	18	28	20	07H	23.33		<TS
24	21	C	18	28	25	NV2	0.71		<TS
25	21	C	18	28	20	NV2	12.71		<TS
26	21	C	34	28	26	NV3	-0.27		<TS
27	21	C	41	29	1	01C	-0.29		<TS
28	21	C	25	30	23	NV2	0.80		<TS
29	21	C	25	30	28	NV2	19.75		<TS
30	21	C	39	30	25	NV4	2.58		<TS
31	21	C	34	31	20	NV1	0.00		<TS
32	21	C	34	31	32	NV2	0.00		<TS
33	21	C	34	31	36	NV3	-0.20		<TS
34	21	C	34	31	20	NV4	-0.23		<TS
35	21	C	25	32	25	NV2	0.30		<TS
36	21	C	25	32	26	NV2	19.50		<TS
37	21	C	11	33	4	07H	22.60		<TS
38	21	C	24	33	23	NV3	1.88		<TS
39	21	C	25	33	20	07H	27.50		<TS
40	21	C	25	33	37	NV2	1.56		<TS
41	21	C	25	33	36	NV2	20.31		<TS
42	21	C	25	33	20	NV4	0.94		<TS
43	21	C	39	34	20	NV2	35.74		<TS

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NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
44	21	C	39	34	27	NV4	2.64		<TS
45	21	C	44	34	33	05C	-0.12		<TS
46	21	C	44	34	1	01C	-0.18		<TS
47	21	C	23	37	27	NV2	17.21		<TS
48	21	H	17	38	13	NV2	0.06		<TS
49	21	C	11	40	15	07H	19.59		<TS
50	21	C	45	41	18	02C	-0.06		<TS
51	21	C	45	41	25	01C	-0.20		<TS
52	21	C	45	42	25	02C	-0.08		<TS
53	21	C	45	42	4	01C	-0.25		<TS
54	21	C	11	43	10	07H	22.83		<TS
55	21	C	36	43	22	07H	34.07		<TS
56	21	C	36	43	24	NV2	2.47		<TS
57	21	C	36	43	24	NV2	32.53		<TS
58	21	C	46	43	1	01C	-0.25		<TS
59	21	C	43	44	23	01C	-0.32		<TS
60	21	C	44	44	13	01C	-0.15		<TS
61	21	C	28	45	31	07H	29.45		<TS
62	21	C	28	45	34	NV2	0.15		<TS
63	21	C	28	45	28	NV2	22.40		<TS
64	21	C	28	45	21	NV2	24.61		<TS
65	21	C	28	45	25	NV4	2.53		<TS
66	21	C	36	45	25	NV2	1.17		<TS
67	21	C	36	45	22	NV2	1.32		<TS
68	21	C	44	45	18	01C	-0.09		<TS
69	21	C	45	45	2	01C	0.03		<TS
70	21	C	46	45	1	01C	-0.03		<TS
71	21	C	44	46	23	01C	-0.09		<TS
72	21	C	46	46	1	01C	0.22		<TS
73	21	C	36	47	35	07H	34.04		<TS
74	21	C	36	47	31	NV2	2.20		<TS
75	21	C	36	47	25	NV2	32.14		<TS
76	21	C	39	47	27	NV2	35.41		<TS
77	21	C	39	47	29	NV4	3.21		<TS
78	21	C	35	48	30	07H	33.20		<TS
79	21	C	35	48	20	NV2	1.92		<TS
80	21	C	45	48	10	01C	0.11		<TS
81	21	C	29	50	30	NV2	1.10		<TS
82	21	C	29	50	36	NV2	24.14		<TS
83	21	C	45	50	32	01C	-0.06		<TS
84	21	C	11	51	9	NV4	0.03		<TS
85	21	C	41	53	21	01C	-0.17		<TS
86	21	C	43	54	1	01C	0.00		<TS
87	21	C	46	54	1	01C	-0.11		<TS
88	21	C	22	55	22	NV2	2.34		<TS
89	21	C	22	55	28	NV2	18.43		<TS
90	21	C	22	55	21	NV4	0.80		<TS
91	21	C	34	56	16	NV3	0.00		<TS

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NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
92	21	C	40	57	32	01C	0.25		<TS
93	21	C	43	57	9	01C	0.20		<TS
94	21	C	41	58	18	01C	-0.14		<TS
95	21	C	45	58	12	01C	0.03		<TS
96	21	C	8	59	29	04H	1.58		<TS
97	21	C	9	59	32	04H	1.55		<TS
98	21	C	43	59	24	01C	0.00		<TS
99	21	C	36	60	22	NV2	2.42		<TS
100	21	C	42	60	17	01C	0.03		<TS
101	21	C	43	60	5	01C	0.06		<TS
102	21	C	21	61	27	NV2	0.91		<TS
103	21	C	21	61	25	NV2	16.66		<TS
104	21	C	21	61	16	NV4	0.00		<TS
105	21	C	23	61	35	NV2	1.21		<TS
106	21	C	23	61	25	NV2	18.63		<TS
107	21	C	23	61	24	NV4	0.44		<TS
108	21	C	39	61	6	01C	-0.19		<TS
109	21	C	44	61	1	02C	-0.25		<TS
110	21	C	42	62	3	01C	-0.14		<TS
111	21	C	19	63	21	NV2	1.52		<TS
112	21	C	26	63	20	NV2	1.95		<TS
113	21	C	36	63	42	NV2	3.00		<TS
114	21	C	39	63	14	01C	0.19		<TS
115	21	C	17	64	20	NV4	2.47		<TS
116	21	C	21	64	20	NV2	17.09		<TS
117	21	C	42	64	3	02C	-0.28		<TS
118	21	C	43	64	5	01C	-0.14		<TS
119	21	C	19	65	20	07H	24.96		<TS
120	21	C	19	65	23	NV2	2.13		<TS
121	21	C	19	65	20	NV2	14.62		<TS
122	21	C	40	66	15	02C	-0.11		<TS
123	21	C	21	67	22	NV2	0.44		<TS
124	21	C	26	69	28	07H	28.79		<TS
125	21	C	26	69	24	NV2	2.56		<TS
126	21	C	26	69	28	NV2	22.82		<TS
127	21	C	39	69	18	01C	-0.25		<TS
128	21	C	40	70	18	02C	-0.06		<TS
129	21	C	18	71	20	07H	22.47		<TS
130	21	C	18	71	21	NV2	0.94		<TS
131	21	C	18	71	25	NV2	12.86		<TS
132	21	C	18	71	27	NV3	0.03		<TS
133	21	C	39	71	25	01C	-0.22		<TS
134	21	C	26	72	27	NV2	1.03		<TS
135	21	C	26	72	34	NV2	21.44		<TS
136	21	C	36	72	11	01C	-0.11		<TS
137	21	C	39	72	18	01C	-0.14		<TS
138	21	C	38	73	23	01C	-0.08		<TS
139	21	C	37	75	6	01C	-0.06		<TS

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NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
140	21	C	34	76	5	02C	0.06		<TS
141	21	C	33	77	1	03C	-0.28		<TS
142	21	C	35	77	12	02C	-0.14		<TS
143	21	C	32	78	26	02C	-0.08		<TS
144	21	C	32	78	25	01C	-0.31		<TS
145	21	C	23	85	7	01C	0.00		<TS
146	21	C	23	86	34	01C	0.03		<TS
147	21	C	25	86	26	01C	-0.03		<TS
148	21	C	18	87	1	01C	-0.15		<TS
149	21	C	23	88	3	01C	-0.03		<TS
150	21	C	17	89	19	02C	-0.06		<TS
151	21	C	17	89	37	01C	0.00		<TS
152	21	C	12	90	26	01C	-0.15		<TS
153	21	C	15	90	1	01C	0.00		<TS
154	21	C	18	90	1	02C	-0.09		<TS
155	21	C	7	91	38	01C	-0.18		<TS
156	21	C	14	91	1	01C	0.00		<TS
157	21	C	16	91	1	01C	-0.03		<TS
158	21	C	3	92	28	01C	0.13		<TS
159	21	C	6	92	6	01C	-0.12		<TS
160	21	C	8	92	1	02C	-0.17		<TS
161	21	C	8	92	28	01C	-0.03		<TS
162	21	C	9	92	30	01C	-0.03		<TS
163	21	C	10	92	1	01C	-0.06		<TS
164	21	C	11	92	1	01C	0.03		<TS
165	21	C	14	92	32	NV1	2.55		<TS
166	21	C	14	92	18	01C	0.03		<TS
167	21	C	2	93	18	01C	-0.11		<TS
168	21	C	5	93	20	01C	-0.03		<TS
169	21	C	6	93	22	02C	-0.11		<TS
170	21	C	6	93	24	01C	-0.20		<TS
171	21	C	5	94	28	01C	0.00		<TS
172	21	C	7	94	19	01C	0.06		<TS
1	22	C	6	1	1	02C	-0.09		<TS
2	22	C	12	3	33	02C	0.08		<TS
3	22	C	16	4	11	01C	0.11		<TS
4	22	C	17	5	9	01C	0.11		<TS
5	22	C	16	6	4	01C	-0.08		<TS
6	22	C	17	6	12	01C	-0.03		<TS
7	22	C	19	6	2	02C	0.12		<TS
8	22	C	20	6	31	01C	0.00		<TS
9	22	C	21	7	14	02C	0.03		<TS
10	22	C	21	7	12	01C	-0.03		<TS
11	22	C	25	9	36	01C	0.00		<TS
12	22	C	20	10	11	01C	-0.03		<TS
13	22	C	24	10	12	01C	-0.15		<TS
14	22	C	26	10	20	02C	0.17		<TS
15	22	C	28	11	18	02C	0.15		<TS

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NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
16	22	C	29	13	20	01C	-0.06		<TS
17	22	C	31	13	32	01C	-0.15		<TS
18	22	C	29	15	1	01C	-0.18		<TS
19	22	C	30	15	15	01C	-0.15		<TS
20	22	C	34	16	26	02C	0.00		<TS
21	22	C	34	17	29	02C	-0.11		<TS
22	22	C	34	17	13	01C	-0.19		<TS
23	22	C	30	19	3	01C	-0.15		<TS
24	22	C	31	19	23	01C	-0.24		<TS
25	22	C	32	20	3	01C	-0.20		<TS
26	22	C	30	21	10	01C	0.14		<TS
27	22	C	36	22	29	02C	0.03		<TS
28	22	C	37	23	1	01C	0.14		<TS
29	22	C	37	24	28	01C	-0.14		<TS
30	22	C	38	25	24	02C	-0.15		<TS
31	22	C	38	25	27	01C	0.20		<TS
32	22	C	41	26	1	01C	-0.09		<TS
33	22	C	39	29	18	02C	-0.09		<TS
34	22	C	41	29	18	NV1	0.00		<TS
35	22	C	19	31	22	NV2	2.50		<TS
36	22	C	19	31	11	NV3	0.00		<TS
37	22	C	43	32	6	02C	-0.18		<TS
38	22	C	19	34	17	NV1	0.00		<TS
39	22	C	43	34	14	03C	-0.06		<TS
40	22	C	44	34	26	02C	-0.12		<TS
41	22	C	43	35	28	02C	-0.18		<TS
42	22	C	25	36	20	NV2	3.15		<TS
43	22	C	38	36	22	NV2	2.34		<TS
44	22	C	44	36	26	02C	-0.09		<TS
45	22	C	42	38	5	NV1	-0.27		<TS
46	22	C	42	38	8	NV2	-0.18		<TS
47	22	C	42	38	18	02C	-0.23		<TS
48	22	C	11	39	14	07H	21.96		<TS
49	22	C	11	39	11	07H	32.67		<TS
50	22	C	38	39	7	NV1	-0.12		<TS
51	22	C	38	39	15	NV2	-0.15		<TS
52	22	C	43	39	1	02C	-0.26		<TS
53	22	C	44	39	1	02C	-0.18		<TS
54	22	C	45	39	32	02C	-0.12		<TS
55	22	C	44	40	24	02C	0.03		<TS
56	22	C	33	41	7	NV1	0.00		<TS
57	22	C	40	41	13	NV1	0.00		<TS
58	22	C	40	41	18	NV2	0.00		<TS
59	22	C	40	41	14	NV3	0.00		<TS
60	22	C	44	42	11	02C	-0.12		<TS
61	22	C	46	42	1	02C	-0.20		<TS
62	22	C	37	43	29	NV2	33.38		<TS
63	22	C	37	43	28	NV4	3.88		<TS

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NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
64	22	C	45	43	1	01C	0.24		<TS
65	22	C	45	44	15	02C	0.00		<TS
66	22	C	39	45	16	NV1	-0.21		<TS
67	22	C	32	46	20	NV2	0.85		<TS
68	22	C	32	46	20	NV2	26.74		<TS
69	22	C	32	46	20	NV4	1.26		<TS
70	22	C	38	46	30	07H	35.89		<TS
71	22	C	38	46	25	NV4	3.00		<TS
72	22	C	38	47	22	NV2	1.90		<TS
73	22	C	45	47	1	01C	-0.09		<TS
74	22	C	11	48	10	NV4	-0.50		<TS
75	22	C	38	48	25	NV2	2.29		<TS
76	22	C	38	48	15	NV4	-0.33		<TS
77	22	C	41	48	17	NV2	0.00		<TS
78	22	C	44	48	14	01C	-0.03		<TS
79	22	C	45	48	13	02C	0.00		<TS
80	22	C	45	48	6	01C	0.20		<TS
81	22	C	25	49	13	NV4	0.03		<TS
82	22	C	26	49	11	NV4	0.31		<TS
83	22	C	11	50	10	NV1	0.00		<TS
84	22	C	33	50	23	NV2	28.52		<TS
85	22	C	38	50	14	NV1	0.00		<TS
86	22	C	38	50	26	NV4	0.00		<TS
87	22	C	45	50	28	01C	0.08		<TS
88	22	C	37	51	21	NV2	2.21		<TS
89	22	C	37	51	21	NV2	32.80		<TS
90	22	C	46	51	34	01C	-0.20		<TS
91	22	C	45	52	18	01C	0.14		<TS
92	22	C	40	53	18	01C	0.17		<TS
93	22	C	44	53	23	01C	0.20		<TS
94	22	C	46	53	24	02C	-0.17		<TS
95	22	C	36	54	25	NV4	3.61		<TS
96	22	C	39	54	24	07H	35.72		<TS
97	22	C	45	54	1	02C	0.03		<TS
98	22	C	45	54	1	01C	0.03		<TS
99	22	C	39	55	21	NV2	3.88		<TS
100	22	C	36	56	24	NV2	32.75		<TS
101	22	C	42	56	1	02C	-0.03		<TS
102	22	C	43	56	19	01C	-0.08		<TS
103	22	C	38	57	20	07H	34.90		<TS
104	22	C	43	57	25	NV3	0.00		<TS
105	22	C	45	57	4	01C	-0.08		<TS
106	22	C	35	58	23	07H	32.73		<TS
107	22	C	43	58	16	NV2	-0.06		<TS
108	22	C	43	58	13	01C	-0.17		<TS
109	22	C	40	59	22	07H	35.00		<TS
110	22	C	40	59	20	NV2	4.02		<TS
111	22	C	41	60	13	02C	-0.17		<TS

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
112	22	C	42	60	1	02C	-0.22		<TS
113	22	C	42	60	26	01C	-0.11		<TS
114	22	C	43	60	7	02C	0.00		<TS
115	22	C	41	61	32	02C	-0.08		<TS
116	22	C	44	61	15	02C	-0.11		<TS
117	22	C	43	63	5	02C	-0.25		<TS
118	22	C	11	64	7	07H	22.25		<TS
119	22	C	32	64	29	NV2	2.81		<TS
120	22	C	32	64	30	NV2	27.92		<TS
121	22	C	38	64	26	NV2	34.40		<TS
122	22	C	39	64	24	02C	-0.22		<TS
123	22	C	42	64	29	02C	-0.17		<TS
124	22	C	19	65	20	NV2	1.03		<TS
125	22	C	42	65	16	02C	-0.11		<TS
126	22	C	43	65	16	02C	-0.25		<TS
127	22	C	40	66	4	02C	0.14		<TS
128	22	C	41	66	26	02C	-0.08		<TS
129	22	C	32	67	21	NV1	0.00		<TS
130	22	C	32	67	30	NV2	0.00		<TS
131	22	C	32	67	24	NV2	28.61		<TS
132	22	C	32	67	33	NV3	0.00		<TS
133	22	C	32	67	22	NV4	0.00		<TS
134	22	C	36	69	30	NV3	0.06		<TS
135	22	C	36	69	16	NV4	0.00		<TS
136	22	C	40	69	34	02C	-0.17		<TS
137	22	C	41	69	9	02C	-0.06		<TS
138	22	C	36	70	32	NV2	4.80		<TS
139	22	C	36	70	37	NV2	32.60		<TS
140	22	C	16	71	17	NV3	-0.23		<TS
141	22	C	38	71	27	01C	0.00		<TS
142	22	C	40	71	24	02C	-0.18		<TS
143	22	C	36	72	27	02C	-0.12		<TS
144	22	C	37	72	1	02C	-0.21		<TS
145	22	C	36	73	21	NV2	32.03		<TS
146	22	C	35	74	1	02C	0.09		<TS
147	22	C	33	75	24	01C	-0.03		<TS
148	22	C	35	75	24	01C	0.00		<TS
149	22	C	36	75	22	02C	-0.15		<TS
150	22	C	33	76	15	01C	0.00		<TS
151	22	C	30	79	20	02C	0.14		<TS
152	22	C	30	79	16	01C	0.08		<TS
153	22	C	30	81	28	01C	-0.06		<TS
154	22	C	29	82	24	02C	-0.22		<TS
155	22	C	29	82	35	01C	-0.11		<TS
156	22	C	30	82	21	02C	-0.17		<TS
157	22	C	30	83	1	02C	-0.20		<TS
158	22	C	29	84	1	02C	-0.23		<TS
159	22	C	22	85	6	01C	-0.14		<TS

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
160	22	C	28	85	19	01C	0.09		<TS
161	22	C	28	85	20	01C	-0.17		<TS
162	22	C	26	86	20	02C	-0.12		<TS
163	22	C	20	87	1	01C	-0.17		<TS
164	22	C	14	88	8	02C	-0.06		<TS
165	22	C	22	88	12	02C	-0.17		<TS
166	22	C	16	89	16	02C	-0.06		<TS
167	22	C	16	89	34	01C	-0.26		<TS
168	22	C	17	89	36	01C	0.00		<TS
169	22	C	18	89	18	02C	-0.06		<TS
170	22	C	19	89	23	01C	0.00		<TS
171	22	C	20	89	1	02C	-0.03		<TS
172	22	C	21	89	1	02C	-0.17		<TS
173	22	C	6	90	7	01C	0.00		<TS
174	22	C	6	90	16	01C	0.00		<TS
175	22	C	12	90	14	01C	-0.09		<TS
176	22	C	16	90	30	01C	0.00		<TS
177	22	C	17	90	1	01C	-0.09		<TS
178	22	C	2	91	11	01C	0.03		<TS
179	22	C	7	91	13	01C	0.06		<TS
180	22	C	11	91	27	02C	0.00		<TS
181	22	C	12	91	14	02C	0.00		<TS
182	22	C	12	91	1	01C	0.00		<TS
183	22	C	13	91	7	02C	0.00		<TS
184	22	C	1	92	2	01C	0.11		<TS
185	22	C	3	92	16	01C	0.06		<TS
186	22	C	6	92	1	02C	0.03		<TS
187	22	C	6	92	1	02C	0.00		<TS
188	22	C	7	92	29	01C	0.00		<TS
189	22	C	9	92	6	01C	0.06		<TS
190	22	C	4	93	22	02C	0.03		<TS
191	22	C	4	93	22	01C	0.14		<TS
192	22	C	5	93	15	01C	0.08		<TS
193	22	C	4	94	6	02C	-0.03		<TS
194	22	C	5	94	1	02C	-0.06		<TS

TABLE III
Identification of Tubes Plugged or Sleeved

NO.	S/G	LEG	ROW	COL	PERCENT	LOCATION	ELEV FROM	ELEV TO	STATUS
1	21	H	34	32	SAI	TRH	18.51	18.94	PLG
2	21	H	15	37	SAD	1BH	-1.30		PLG⊙
3	21	H	15	41	MAI	TRH	17.64	18.55	PLG
4	21	H	7	42	SVI	07H	-0.12	0.35	PLG
5	21	H	4	55	SAN	EBH	-9.55	-9.33	PLG⊙
6	21	H	11	60	SAN	EBH	-11.30	-11.16	PLG⊙
7	21	C	13	91	SVI	01C	-0.10	0.27	PLG
1	22	H	1	14	SCI	07H	3.85		PLG⊙
2	22	H	1	19	SCI	07H	3.74		PLG⊙
3	22	H	12	29	SAI	TSH	0.51	0.73	PLG
4	22	H	19	33	SAI	TRH	17.62	17.93	PLG
5	22	H	14	36	SAI	TSH	1.59	1.76	PLG
6	22	H	5	45	SAD	1BH	-1.29		PLG⊙
7	22	H	20	48	MAI	2BH	-0.37	0.01	PLG
8	22	H	1	59	SCI	07H	10.29		PLG⊙
9	22	C	29	77	40	02C	0.17		PLG
10	22	H	10	93	SVI	01H	0.08	0.17	PLG

⊙ Failed Re-Roll Profilometry

⊙ In Situ Pressure Tested

LEGEND OF FIELDS AND CODES

<u>FIELD</u>	<u>EXPLANATION</u>
NO.	Cumulative number per table per S/G
S/G	Steam Generator Number (21 or 22)
LEG	Channel head tested from (H = inlet & C = outlet)
ROW	Row number of tube location
COL	Column number of tube location
PERCENT	Measured percent or three digit code - see below
LOCATION	Physical Location of Indication - see below
ELEV FROM	Measurement in inches from the LOCATION to the lower edge of the indication
ELEV TO	Measurement in inches from the LOCATION to the upper edge of the indication
STATUS	Repair status - see below

<u>FIELD</u>	<u>CODE</u>	<u>EXPLANATION</u>
PERCENT	ADR	Absolute Drift
	CUD	Copper Deposit
	DEP	Deposit
	DNI	Dent with Indication
	DNT	Dent
	DRI	Distorted Roll Transition with Indication
	DSI	Distorted Support Signal with Indication
	DTI	Distorted Tube Sheet Signal with Indication
	INR	Indication Not Reportable
	MAI	Multiple Axial Indication
	MBM	Manufacturing Burnish Mark
	MRI	Mix Residual Indication
	NQI	Non Quantifiable Indication
	PLP	Possible Loose Part
	PSI	Possible Support Indication
	SAD	Single Axial Indication Not Detectable
	SAI	Single Axial Indication
	SAN	Single Axial Indication No Change
	SCI	Single Circumferential Indication
	SVI	Single Volumetric Indication
	0-100	As measured percent through wall
LOCATION	TEH	Tube end hot (primary face)
	TRH	Top of roll expansion hot leg
	1BH	Bottom of Additional roll expansion #1 hot leg
	2BH	Bottom of Additional roll expansion #2 hot leg
	EBH	Bottom of Elevated roll expansion hot leg
	TSH	Tube sheet hot (secondary face)
	WCH	Weld Centerline hot leg
	07H	? = First through Seventh tube support plate on hot leg side
	NV?	? = First through Fourth new antivibration bar
	07C	? = First through Seventh tube support plate on cold leg side
	TSC	Tube sheet cold (secondary face)
	TRC	Top of roll expansion cold leg
	TEC	Tube end cold (primary face)
STATUS	<TS	Less Than the Technical Specification repair limit
	PLUG	Tube or Sleeve Plugged

Section 8. Repair/Replacement Activities

45 NIS-2 forms are attached which identify Prairie Island Unit 2 Repair/ Replacement Activities during Fuel Cycle 21.

Item #	Comp Name	Description of Work Completed	Code Class	SYSTEM
2-21-002	23 Charging Pump	Replaced packing assemblies 19, 20, & 21 with rebuilt assemblies 7, 8, & 9.	2	VC
2-21-003	22 RHR Pump Dch. Check 8"	Replaced bonnet stud and nuts.	2	RH
2-21-004	Charging Pump Packing	Replaced plungers in charging pump packing assemblies.	2	VC
2-21-006	21 Charging Pump	Replaced charging pump packing assemblies.	2	VC
2-21-017	22 CL Strnr. Bkwsh. Valve	Replaced valve and bolting.	3	CL
2-21-022	22 Charging Pump	Replaced charging pump packing assemblies.	2	VC
2-21-023	121 BA Storage Tank	Install blind flanges and fasteners.	2	VC
2-21-024	Charging Pump Packing Assemblies	Replaced plungers in spare charging pump packing assemblies.	2	VC
2-21-025	Temp Pipe Support (10")	Installed and removed temporary piping supports.	3	ZX, CL
	PSR 121, 122, 123, 124	Installed and removed temporary piping supports.	3	ZX, CL
2-21-026	22 BATP	Replaced pump assembly, mechanical seal gland plate, and studs.	2	VC
2-21-027	21 Boric Acid Storage Tank	Installed blind flanges on level transmitter nozzles.	2	VC
2-21-029	Charging Pump Packing Assemblies	Replaced plungers in spare charging pump packing assemblies.	2	VC
2-21-030	Charging Pump Packing Assemblies	Replaced plungers in spare charging pump packing assemblies.	2	VC
2-21-031	Letdown Line Relief Valve	Replaced valve and flange fasteners.	2	VC
2-21-034	SG Snubber Block Valve	Replaced valve block.	1	SG
2-21-036	22 SI Pump	Replaced fasteners to allow adequate thread engagement.	2	SI
2-21-037	Spare CS Pump	Replaced mechanical seal and gland plate and gland studs.	2	CS
2-21-038	21 CS Pump pull out assembly	Replaced the pull out assembly.	2	CS
2-21-039	22 Safety Injection Pump	Replaced drive end casing fasteners and mechanical seal gland plate.	2	SI
2-21-040	21 CC Heat Exchanger	Replaced end covers. Added lifting lugs.	3	CC
2-21-043	Main Steam Relief Header	Replaced studs and installed Supernuts.	2	MS
2-21-044	Charging Line	Repaired pipe.	2	VC

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	Comp. Name	Description of Work Completed	Code Class	SYSTEM
2-21-048	21 Chg. Pmp. Dischg. Relief Valve	Replaced two nuts.	2	VC
2-21-052	VC System Hanger	Replaced anchor nut and washer.	2	VC
2-21-053	21/22 RCP Disch. Line to Seal Water Relief	Replaced valve.	2	VC
2-21-054	MS Safety Valve	Replaced disc.	2	MS
2-21-055	21 SI PMP MTR Unit CLR	Replaced inlet and outlet flange fasteners.	3	ZE
2-21-056	VC System Support	Added anchor plate.	2	VC
2-21-058	FW system Seismic Restraint	Replaced bolting.	2	FW
2-21-059	22 Steam Generator	Replaced handhole studs.	2	SG
2-21-060	22 MSIV	Replaced 24 bonnet studs and nuts and inserted 3 Helical Coils.	2	MS
2-21-062	21 SG MS HDR Relief Valve	Replaced studs and installed Supernuts.	2	MS
2-21-063	21 RHR Heat Exchanger	Replaced lower endbell fasteners.	2	RH
2-21-064	Hi/Lo Head SIS to 22 RX Vessel Nozzle Check Valve	Replaced check valve cover and body to cover fasteners.	1	SI
2-21-065	22 SG MS Outlet Stop Check Valve	Replaced Disc.	2	MS
2-21-067	21 RHR Pump	Replaced mechanical seal gland studs and nuts.	2	RH
2-21-068	21 RHR Hx Outlet Valve	Replaced body to bonnet fasteners.	2	RH
2-21-069	21/22 CS Pump Suction from RWST	Replaced body to bonnet fasteners.	2	CS
2-21-070	22 RHR Pump Suction Valve	Replaced body to bonnet fasteners.	2	RH
2-21-072	CC Pump Suction Piping	Replaced piping flange fasteners.	3	CC
2-21-073	22 RHR Hx Outlet Valve	Replaced body to bonnet fasteners.	2	RH
2-21-074	21 RHR Pump Suction Line Check Valve	Replaced body to bonnet fasteners.	2	RH
2-21-075	21 SG PORV	Replaced trim set.	2	MS
2-21-076	Pressurizer PORV Control Valve	Replaced trim set.	1	RC
2-21-077	21/22 RHR Pumps Suction Relief Valve	Replaced nozzle.	2	RH

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM ²¹ 2-22-002
7/9/02

1. Owner Nuclear Management Company, LLC

Date 7/9/2002

2. Plant Praire Island Nuclear Generating Plant

Sheet 1 of 2

1717 Wakonade Dr. E, Welch Minnesota 55089

0202346

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

4. Identification of System VC

Expiration Date N/A

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
23 Charging Pump	Ajax			245-043	1969	Corrected	No

7. Description of Work Replaced packing assemblies 19, 20, & 21 with rebuilt assemblies 7, 8, & 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

9. Remarks

ITEM ²¹ 2-22-002
⁷²²
1-15-03

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. Williams, ASME Program Engineer Date 9-24, 02
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 7/10/02 to 9/24/02, and state that to the best of my knowledge and belief, the Owner 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, MN039600-CO
Inspector's Signature National Board, Province and Endorsements

Date 9/24/02

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM ²¹2-22-003
⁷²1-15-03

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

0201612

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

4. Identification of System RH

Code Class 2

5. (a) Applicable Construction Code B31.1

1989 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
22 RHR Pump Dch Check 8"	Crane			2RH-3-3	1969	Corrected	No

7. Description of Work Replaced bonnet stud and nuts.

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

Other ☐ Pressure _____ psi Test Temp. _____ °F

Other: A non-code leakage test was 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

9. Remarks

ITEM ²¹2-22-003
^{FD}15-03

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. Williams, ASME Program Engineer Date 10-11, 2002
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 9/18/02 to 10/16/02, and state that to the best of my knowledge and belief, the Owner 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.

R.B. Williams Commissions NB 11872 ABNI, MN039600-CO
Inspector's Signature National Board, Province and Endorsements

Date 10/16/02

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-004

<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></p> <p style="text-align: center;">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>10/27/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0209201, SPCE-ME-0264</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
Charging Pump Packing	Ajax			13, 14, & 15	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced plungers in 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 2-21-004

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 N/A

Signed R.B. Williams, ASME Program Engineer Date 1-31, 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 10/28/02 to 2/3/03, 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, MA 1035600-00
Inspector's Signature National Board, Province and Endorsements

Date 2/3/03

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-006

<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>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>12/20/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0209501</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
21 Charging Pump	Ajax			245-041	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 2-21-006

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 HSBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 Nov 03 to 04 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.

Donald R. O'Neil Commissions NB 17095 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date November 04, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-017

<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></p> <p style="text-align: center;">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>9/24/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0203717</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>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
22 CLStmr Bkwsh Vlv	Jamesbury			CV-31655	1970	Removed	<input type="checkbox"/>
22 CLStmr Bkwsh Vlv	Jamesbury (Enertech)			CV-31655	2002	Installed	<input type="checkbox"/>

7. Description of Work Replaced valve and 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 2-21-017

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 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 Hartford Conn. have inspected the components described in this Owner's Report during the period 19 JUN 03 to 19 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.

Dwight R. Kelly Commissions NB 17085 ANI MD 21924
Inspector's Signature National Board, Province and Endorsements
Date June 19, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-022

<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>1/14/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0300078</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
22 Charging Pump	Ajax			245-042	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 2-21-022

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 9/8/03,
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 11 SEP03 to 11 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-023

1. Owner Nuclear Management Company, LLC Date 5/23/2002
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
- Name
1717 Wakonade Dr. E, Welch Minnesota 55089
- Address
0200810, 00SI01
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc
- Name
Same
- Address
VC
4. Identification of System VC
5. (a) Applicable Construction Code ASME VIII, 1965 or Later 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
121 BA Storage Tank	Westinghouse			053-061	1969	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Install blind flanges and 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 2-21-023

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 6/4/02 to 2/18/03, 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, MN 035600-C0
Inspector's Signature National Board, Province and Endorsements

Date 2/18/03

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-024

<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>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>1/20/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0300233</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 Assemblies	Ajax				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 2-21-024

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 7/3/03
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 28 JUL 03 to 28 JUL 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 [Signature] Commissions NB 12095 and MN 21924
National Board, Province and Endorsements
Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-025

<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: 100px;">Name <u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="margin-left: 100px;">Address <u></u></p> <p>3. Work Performed by <u>Owner</u></p> <p style="margin-left: 100px;">Name <u>Same</u></p> <p style="margin-left: 100px;">Address <u>ZX, CL</u></p> <p>4. Identification of System <u>ZX, 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>6. Identification of Components</p>	<p>Date <u>10/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0209643, 01ZX01 Part 2</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>1989</u> Edition</p> <p>Code Case <u>n/a</u></p>
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Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
Temp Pipe Support (10")	Owner			SK-11579 sh. 2, 3	2002	Installed	<input type="checkbox"/>
PSR 121, 122, 123, 124	NAVCO			SK-11579 sh. 1	1977	Corrected	<input type="checkbox"/>

7. Description of Work Installed and removed temporary piping supports.

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 2-21-025

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 5/22/03,
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 18 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(A) AWE MN 21924
Inspector's Signature National Board, Province and Endorsements

Date June 18, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-026

<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></p> <p style="text-align: center;">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>2/4/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0300487, 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> <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
22 BATP	Goulds			245-032	1969	Removed	<input type="checkbox"/>
22 BATP	Goulds	792A192-2		245-032	1969	Installed	<input type="checkbox"/>

7. Description of Work Replaced pump assembly, mechanical seal gland plate, and 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 2-21-026

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 10/3/03
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 03 OCT 03 to 03 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 AW1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-027

<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>VC</u></p> <p>5. (a) Applicable Construction Code <u>ASME VIII</u></p> <p style="text-align: center;">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>8/5/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0110021, 00SI01</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>1965 or Later</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
21 Boric Acid Storage Tank	Westinghouse			253-041	1970	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Installed blind flanges on level transmitter nozzles.

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 2-21-027

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. Williams, ASME Program Engineer Date 2-12, 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 8/15/02 to 2/26/03, 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]
Inspector's Signature

Commissions NB 11872 ABNI, MN 035600-CO
National Board, Province and Endorsements

Date 2/26/03

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-029

<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></p> <p style="text-align: center;"><u>Addenda</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>3/11/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0300466</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> <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 Assemblies	Ajax			4, 5, 6	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 2-21-029

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 5/23/03, _____
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 26 Jun 03 to 26 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 26, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-030

1. Owner Nuclear Management Company, LLC Date 3/11/03
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 0300662
Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
Same Name N/A
Address Authorization N/A
VC Expiration Date N/A
n/a 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
Charging Pump Packing Assemblies	Ajax			16, 17, 18	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 2-21-030

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 5/20/03
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 TIC & HT 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.

[Signature] Commissions MN # 039688 A.B.C.E.M.A.S.
Inspector's Signature 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 2-21-031

<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>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u></p> <p style="text-align: center;">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>3/27/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0300642, 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		2VC-25-2	1970	Removed	□
Letdown Line Relief Valve	Crosby	2J3-JLT-JBS-E-15 SK		2VC-25-2	2002	Installed	□

7. Description of Work Replaced valve and 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 2-21-031

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 10/5/03
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 06 OCT 03 to 06 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 AN1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 06, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-034

<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>SG</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u></p> <p style="text-align: center;">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>4/17/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0211912</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><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
SG Snubber Block Valve	McDowell Welman			21S/G04	1969	Removed	<input type="checkbox"/>
SG Snubber Block Valve	McDowell Welman			21S/G04	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 2-21-034

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 10/30/03
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 08 MAY 03 to 30 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 AND MJ 01924
Inspector's Signature National Board, Province and Endorsements
Date October 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-036

1. Owner Nuclear Management Company, LLC Date 4/15/2003

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0209419

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
Expiration Date N/A
Code Class 2
4. Identification of System SI
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
22 SI Pump	Sulzer			245-072	1969	Corrected	

7. Description of Work Replaced fasteners to allow adequate thread engagement.
 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 2-21-036

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 10/16/03
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 16 OCT 03 to 16 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 17085 ANI mvl 21924
Inspector's Signature National Board, Province and Endorsements
Date October 16, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-037

<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>CS</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></p> <p style="text-align: center;">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>4/18/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>0211920, EEC-1076</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
Spare CS Pump	Ingersoll Rand	770117			1971	Corrected	<input type="checkbox"/>

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 2-21-037

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 HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 May 03 to 25 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 LB 17055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date 7 November 25, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-038

1. Owner Nuclear Management Company, LLC Date 4/18/2003
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name
1717 Wakonade Dr. E, Welch Minnesota 55089
- Address
0211919
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc
- Name
Same
- Address
CS
4. Identification of System CS
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
21 CS Pump pull out assembly	Ingersoll Rand	770117		245-101	1969	Removed	
21 CS Pump pull out assembly	Ingersoll Rand	770116		245-101	1969	Installed	

7. Description of Work Replaced the pull out assembly.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒
- Other ☐ Pressure psi Test Temp. °F
- Other: SP2090A CS Pump Baseline

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 2-21-038

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 10/15/03
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 15 OCT 03 to 15 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 15, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-039

<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>SI</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>5/7/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0209417</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>
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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
22 Safety Injection Pump	Bingham	29069 <i>RC n/a</i>		245-072	1970	Corrected	

7. Description of Work Replaced drive end casing fasteners and 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 2-21-039

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 [Signature], ASME Program Engineer Date 10/16/03
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 16 OCT03 to 16 OCT03, and state that to the best of my knowledge and belief, the Owner 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 SB11095 ANI MN21924
National Board, Province and Endorsements
Date October 16, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-040

1. Owner Nuclear Management Company, LLC Date 5/6/2003
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name
1717 Wakonade Dr. E, Welch Minnesota 55089 0213083, 0208740, SPCE-ME-0546
- 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 CC Expiration Date N/A
4. Identification of System CC Code Class 3
5. (a) Applicable Construction Code ASME III Class C 1968 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
21 CC Heat Exchanger	Yuba	69G229-1C	1892	235-031	1070	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Replaced end covers. Added lifting lugs.
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 2-21-040

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 11/14/03
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 May 03 to 04 Dec 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 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date December 04, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-043

1. Owner Nuclear Management Company, LLC Date 5/12/2003

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0212751, 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 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
Main Steam Relief Header	NAVCO				1970	Corrected	<input type="checkbox"/>

7. Description of Work Replaced studs and installed Supernuts.

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 2-21-043

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 [Signature], ASME Program Engineer Date 10/28/03,
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 31 May 03 to 30 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.

Inspector's Signature [Signature] Commissions NB 12085 ANI MN 21924
National Board, Province and Endorsements
Date October 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-044

1. Owner Nuclear Management Company, LLC Date 4/22/2003

Name _____

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

Name _____

1717 Wakonade Dr. E, Welch Minnesota 55089 0204353

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

3. Work Performed by Owner _____

Name _____ Type Code Symbol Stamp N/A

Same _____ Authorization N/A

Address _____ Expiration Date N/A

4. Identification of System VC Code Class 2

5. (a) Applicable Construction Code B31.1 1989 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
Charging Line	NAVCO			2-2VC-27	1970	Corrected	

7. Description of Work Repaired pipe.

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 2-21-044

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

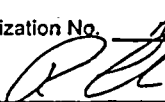
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

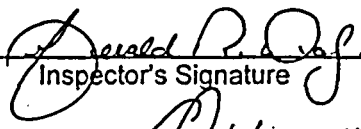
10/14/03

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 Hartford Conn. have inspected the components described in this Owner's Report during the period 140003 to 140003, and state that to the best of my knowledge and belief, the Owner 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 14, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-048

<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>VC</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u></p> <p style="text-align: center;">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>0211235</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
21 Chg. Pmp. Dischg. Relief Valve	Crosby			2VC-28-1		Corrected	

7. Description of Work Replaced two nuts.

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

Other ☐ Pressure psl 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 2-21-048

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 [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 HSBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 22 May 03 to 29 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 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-052

1. Owner Nuclear Management Company, LLC Date 6/16/03

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
0303828

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

Name
Same

Address
VC

4. Identification of System VC

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
VC System Hanger				2-RCVCH-1726		Corrected	<input type="checkbox"/>

7. Description of Work Replaced anchor nut and wahser.

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 2-21-052

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 8/25/03
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 HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 17 JUN 03 to 02 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 17055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 02, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-053

<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>6/26/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0212743, EEC-1310</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
21/22 RCP Disch. Line to Seal Water Relief	Crosby	Model JB-25		2VC-25-1		Removed	<input type="checkbox"/>
21/22 RCP Disch. Line to Seal Water Relief	Crosby	Model JLT-JBS-E-S		2VC-25-1		Installed	<input type="checkbox"/>

7. Description of Work Replaced valve.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: System Pressure test per SP 2596

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 2-21-053

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 10/28/03
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 14 AUG 03 to 29 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 12055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date October 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-054

1. Owner Nuclear Management Company, LLC Date 7/10/03

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 Dresser PO P011316

Address

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

Name

PO Box 1430, Alexandria, LA 71309 Authorization N-2434

Address

MS Expiration Date 5/20/2004
Code Class 2
5. (a) Applicable Construction Code ASME III, Class 1, 1968 Edition
Addenda Summer '69 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	BR6307			1969	Corrected	<input checked="" 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 2-21-054

9. Remarks

Old disc serial number AAD67 was replaced with new disc serial number ADJ51.

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 9/9/03,
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 11 JUL03 to 10 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 10, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-055

<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>ZE</u></p> <p>5. (a) Applicable Construction Code <u>B 31.1</u>, <u>1967</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>8/11/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0306271</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>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
21 SI PMP MTR Unit CLR				274-151		Corrected	<input type="checkbox"/>

7. Description of Work Replaced inlet and outlet 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 2-21-055

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 9/16/03
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 13 AUG 03 to 19 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 AWI MN 21904
Inspector's Signature National Board, Province and Endorsements
Date September 19, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-056

<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>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></p> <p style="text-align: center;">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>9/4/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0303871</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
VC System Support				2-RCVCH-1724		Corrected	

7. Description of Work Added anchor plate.

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

Other Pressure psi Test Temp. °F

Other: VT-3 will be performed following installation.

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 2-21-056

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 10/5/03
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 19 SEP03 to 07 OCT03, and state that to the best of my knowledge and belief, the Owner 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 ANI MW 21924
Date October 01, 2003 National Board, Province and Endorsements

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-058

1. Owner Nuclear Management Company, LLC Date 9/3/2003

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0303824

Address

3. Work Performed by Owner 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 FW 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
FW system Seismic Restraint				2-FW-71		Corrected	

7. Description of Work Replaced bolting.

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

Other ☐ Pressure psi Test Temp. °F

Other: VT-3 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 2-21-058

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 10/6/03
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 H5B Cr of Hartford Conn. have inspected the components described in this Owner's Report during the period 14 SEP 03 to 08 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 AP1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 08, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-059

<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>SG</u></p> <p>5. (a) Applicable Construction Code <u>ASME III Class A</u>, 1965 Edition</p> <p style="text-align: center;">Addenda <u>W 66</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>9/14/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0212847, SPEED PN-1349</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
22 Steam Generator	Westinghouse	1182	68-40	234-012	1970	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Replaced handhole studs.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: System Pressure 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 2-21-059

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 11/04/03
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 16 SEP 03 to 05 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 17085 ANI MN 01924
Inspector's Signature National Board, Province and Endorsements
Date November 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-060

<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>MS</u></p> <p>5. (a) Applicable Construction Code <u>B16.5</u></p> <p style="text-align: center;">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-389-1</u></p>	<p>Date <u>9/16/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0208933</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> <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
22 MSIV	S&K			CV-31117	1970	Corrected	<input type="checkbox"/>

7. Description of Work Replaced 24 bonnet studs and nuts and inserted 3 Helical Coils.

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 2-21-060

9. Remarks

The use of Helical Coil Inserts were installed in accordance with ASME Section XI 2000 Addenda as allowed by Code Case N-389-1.

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

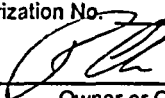
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

12/13/03

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 16 SEP03 to 05 DEC 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 INI MD 21924

National Board, Province and Endorsements

Date

December 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-062

<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>MS</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>9/20/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0307389, EEC-1096</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
21 SG MS HDR Relief Valve	Dresser			RS-21-13	1970	Corrected	

7. Description of Work Replaced studs and installed Supernuts.

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 2-21-062

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 10/6/03,
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 HSR CR of Hartford Conn. have inspected the components described in this Owner's Report during the period 23 SEP 03 to 07 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.

Inspector's Signature [Signature] Commissions NB 17085 AND MA 21924
National Board, Province and Endorsements
Date October 07, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-063

<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>ASME III Class C</u>, 1968 Edition</p> <p style="text-align: center;">Addenda</p> <p style="text-align: center;">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>9/23/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0307473</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>
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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
21 RHR Heat Exchanger	Joseph Oats & Sons	1817-1C	342	235-021	1970	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Replaced lower endbell 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 2-21-063

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 10/29/03
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 24 SEP 03 to 30 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-064

<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>B16.5</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>9/24/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0307500</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>1968 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 22 RX Vessel Nozzle Check Valve	Velan			2SI-9-5		Corrected	<input type="checkbox"/>

7. Description of Work Replaced check valve cover and body to cover fasteners.

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

Other ☐ Pressure NOP psi Test Temp. NOT °F

Other: Valve operability per SP 2092A

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 2-21-064

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 10/29/03,
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 4 SEP 03 to 30 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 12055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-065

<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>MS</u></p> <p>5. (a) Applicable Construction Code <u>ANSI B16.5</u>, Addenda <u>W 1973</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>9/24/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0307382</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>1971</u> 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
22 SG MS Outlet Stop Check Valve	Schutte and Koerting			RS-19-4		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: _____

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 2-21-065

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 [Signature], ASME Program Engineer Date 10/27/03,
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 05 SEP 02 to 07 OCT 02, and state that to the best of my knowledge and belief, the Owner 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 October 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-067

1. Owner Nuclear Management Company, LLC Date 9/25/2003

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0307483

Address

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

Name

Same Type Code Symbol Stamp N/A

Address

RH Authorization N/A

4. Identification of System RH Expiration Date N/A

Code Class

2

5. (a) Applicable Construction Code B16.5 1966 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
21 RHR Pump	Byron Jackson	681-N-0274		245-111		Corrected	<input type="checkbox"/>

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

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 2-21-067

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 [Signature], ASME Program Engineer Date 10/29/03
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 25 SEP03 to 29 OCT03, and state that to the best of my knowledge and belief, the Owner 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-068

1. Owner Nuclear Management Company, LLC Date 9/24/2003
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 0307481, EEC1359
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Same Name Same Type Code Symbol Stamp N/A
Address Authorization N/A
RH Expiration Date N/A
ASA 300 Code Class 2
Addenda Code Case 1989 With No Addenda
None
4. Identification of System
5. (a) Applicable Construction Code
- (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity
- (c) Applicable Section XI Code Cases
6. Identification of Components

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
21 RHR Hx Outlet Valve	Crane			2RH-10-2		Corrected	

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 2-21-068

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 10/14/03
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 25 SEP 03 to 16 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.

Inspector's Signature [Signature] Commissions NE 17085 AW1 MD 21924
Date October 16, 2003 National Board, Province and Endorsements

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-069

<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>CS</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>9/25/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0302804, EEC-1361</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> <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
21/22 CS Pump Suction from RWST	ALOYCO			CS-45	1970	Corrected	

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 2-21-069

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 10/16/03
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 26 SEP03 to 16 OCT03, and state that to the best of my knowledge and belief, the Owner 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 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date October 16 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-070

1. Owner Nuclear Management Company, LLC Date 9/26/2003

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 0307472, EEC-1359

Address

Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Same Type Code Symbol Stamp N/A

Name

 Authorization N/A

Address

 Expiration Date N/A

Address

 Code Class 2
4. Identification of System RH
5. (a) Applicable Construction Code ASA 300, 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
22 RHR Pump Suction Valve	Crane			2RH-1-1	1970	Corrected	

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 2-21-070

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 10/17/03
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 26 SEP 03 to 20 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 AW1 md 21924
Inspector's Signature National Board, Province and Endorsements
Date October 20, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-072

<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>CC</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>9/27/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0111274</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>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
CC Pump Suction Piping	NAVCO			12-2CC-4	1070	Corrected	

7. Description of Work Replaced piping 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 2-21-072

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 10/7/03
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 27 SEP03 to 09 OCT03, and state that to the best of my knowledge and belief, the Owner 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 AB 12085 and MD 21924
Inspector's Signature National Board, Province and Endorsements
Date October 09, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-073

<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 style="text-align: center;">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>9/27/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0306495, 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>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
22 RHR Hx Outlet Valve	Crane			2RH-10-1	1970	Corrected	

7. Description of Work Replaced body to bonnet fasteners.

8. Tests conducted:

Hydrostatic:	Pneumatic:	Nominal Operating Pressure <input checked="" type="checkbox"/>	Exempt
Other	Pressure <u>NOT</u> ^{2100/42} psi	Test Temp. <u>NOT</u> °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 2-21-073

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 10/15/03
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 SEP03 to 15 OCT03, and state that to the best of my knowledge and belief, the Owner 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 October 15, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-074

1. Owner Nuclear Management Company, LLC Date 9/27/2003

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

Name

1717 Wagonade Dr. E, Welch Minnesota 55089

Address

0308602, EEC-1366
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc

Name

Same

Address

RH

Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

Code Class 2
5. (a) Applicable Construction Code ASA 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

Component Name	Manufacturer Name	Manufacturer Serial #	Nat'l Bd #	Other ID	Yr Built	Corrected, Removed, or Installed	ASME Code Stamp
21 RHR Pump Suction Line Check Valve	Crane			2RH-3-2		Corrected	

7. Description of Work Replaced body to bonnet fasteners.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ Pressure NOP ^{psl} 10/17/03 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 2-21-074

9. Remarks

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date _____

Signed [Signature], ASME Program Engineer Date 10/17/03
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 29 SEP03 to 20 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 ANI MN 2924
Inspector's Signature National Board, Province and Endorsements
Date October 20, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-075

1. Owner Nuclear Management Company, LLC Date 10/2/2003
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0302841
- 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 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
21 SG PORV	Copes Vulcan			CV-31102	1969	Corrected	<input type="checkbox"/>

7. Description of Work Replaced trim set.
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 2-21-075

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 10/29/03,
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 HS&CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 01 OCT 03 to 29 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 17085 AWI MN 2924
Inspector's Signature National Board, Province and Endorsements
Date October 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-076

1. Owner Nuclear Management Company, LLC Date 10/2/2003

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 0308688

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

Address _____ Code Class 1

4. Identification of System RC

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
Pressureizer PORV Control Valve	Copes Vulcan			CV-21324	1969	Corrected	

7. Description of Work Replaced trim set.

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 2-21-076

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 10/2/03
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 02 OCT 03 to 23 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 AWI MJG 1924
Inspector's Signature National Board, Province and Endorsements
Date October 23, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-21-077

<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>ASME VIII</u>, 1968 Edition</p> <p style="text-align: center;">Addenda</p> <p style="text-align: center;">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>10/27/2003</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0101144</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>
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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
21/22 RHR Pumps Suction Relief Valve	Crosby			2RH-8-1	1968	Corrected	<input checked="" type="checkbox"/>

7. Description of Work Replaced nozzle.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: IST tested in accordance with the IST program after assembly.

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 2-21-077

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 10/27/03,
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 27 OCT 03 to 27 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 SB 12085 ANI MD 21924
Inspector's Signature National Board, Province and Endorsements
Date October 27, 2003

Section 9. Previously Unreported R/R Activities for Fuel Cycles 16 through 20

175 NIS-2 forms are attached which identify previously unreported Prairie Island Unit 2 Repair/Replacement Activities during Fuel Cycles 16 through 20. These repair/replacement activities were not submitted with previous Summary Reports as required by ASME Section XI. This nonconformance is documented in the plant corrective action process as OTH004374 and EWR020265.

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-16-0001	Snubber	Replaced piston.	yes	SN
2-16-0002	Snubber	Replaced piston rod.	yes	SN
2-16-0003	Snubber	Replaced piston.	yes	SN
2-16-0004	Snubber	Replaced piston and cylinder.	yes	SN
2-16-0005	Snubber	Replaced piston rod and rod bushing.	yes	SN
2-16-0006	Snubber	Replaced piston.	yes	SN
2-16-0007	Snubber	Replaced piston.	yes	SN
2-16-0008	Snubber	Replaced piston.	yes	SN
2-16-0009	Snubber	Replaced piston and cylinder.	yes	SN
2-16-0010	Snubber	Replaced piston.	yes	SN
2-16-0011	Snubber	Replaced piston.	yes	SN
2-16-0012	Snubber	Replaced piston.	yes	SN
2-16-0013	Snubber	Replaced piston.	yes	SN
2-16-0014	Snubber	Replaced piston.	yes	SN
2-16-0015	Snubber	Replaced piston.	yes	SN
2-16-0016	Snubber	Replaced piston.	yes	SN
2-16-0017	Snubber	Replaced piston.	yes	SN
2-16-0018	Snubber	Replaced piston, piston rod and cylinder.	yes	SN
2-16-0019	Snubber	Replaced piston rod bushing and cylinder	yes	SN
2-16-0020	Snubber	Replaced piston, piston rod bushing and cylinder.	yes	SN
2-16-0021	Snubber	Replaced piston and cylinder.	yes	SN
2-16-0022	Snubber	Replaced piston and cylinder.	yes	SN
2-16-0023	Snubber	Replaced piston, piston rod, and cylinder.	yes	SN

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-16-0024	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0025	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0026	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0027	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0028	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0029	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0030	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0031	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0032	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0033	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0034	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0035	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0036	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-16-0037	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0038	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0039	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0040	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0041	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0042	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0043	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0044	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0045	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-16-0046	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-16-0047	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-16-0048	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-16-0049	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-16-0050	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	Tech. Spec.	SN
2-16-0051	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	1	SN
2-16-0052	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	1	SN
2-16-0053	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	1	SN
2-16-0054	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	1	SN
2-16-0055	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0056	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0057	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0058	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	1	SN
2-16-0059	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0060	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0061	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0062	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	2	SN
2-16-0063	Snubber	Replaced snubber with pre-tested spare of same model/manufacture.	3	SN
2-16-0064	Snubber block valve	Replaced snubber block valve with pre-tested spare of same model/manufacture.	2	SN
2-16-0065	Snubber block valve	Replaced snubber block valve with pre-tested spare of same model/manufacture.	2	SN
2-17-0001	Snubber	Replaced piston.	yes	SN
2-17-0002	Snubber	Replaced piston.	yes	SN
2-17-0003	Snubber	Replaced piston.	yes	SN
2-17-0004	Snubber	Replaced piston.	yes	SN
2-17-0005	Snubber	Replaced piston.	yes	SN
2-17-0006	Snubber	Replaced piston.	yes	SN
2-17-0007	Snubber	Replaced piston.	yes	SN
2-17-0008	Snubber	Replaced piston.	yes	SN
2-17-0009	Snubber	Replaced bearing and cylinder.	yes	SN
2-17-0010	Snubber	Replaced piston.	yes	SN

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-17-0011	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-17-0012	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-17-0013	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-17-0014	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-17-0015	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-17-0016	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-17-0017	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-17-0018	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-17-0019	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-17-0020	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-17-0021	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-17-0022	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-17-0023	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-17-0024	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-17-0025	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-17-0026	Snubber	Replaced snubber with pre-tested spare snubber per ME-0152.	Tech. Spec.	SN
2-17-0027	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-17-0028	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-17-0029	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-17-0030	Snubber block valve	Replaced snubber block valve with pre-tested spare of same model/manufacturer.	2	SN
2-17-0031	Snubber block valve	Replaced snubber block valve with pre-tested spare of same model/manufacturer.	2	SN
2-17-1001	245-201, 22 Aux. Feedwater Pump	ground out weld and rewelded flange to pipe weld.	3	AF
2-17-1002	2MS-15-1	Replaced Disc.	2	MS
2-17-1003	MV-32181	Reworked valve and replaced all valve internals.	2	RH

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-17-1004	21 Steam Generator, 234-011	Install welded tube plugs.	1	SG
2-17-1005	21 Steam Generator, 234-011	Install welded tube plugs.	1	SG
2-17-1006	22 RC Pump, 245-052	Replaced Flange bolts	1	RC
2-18-0001	Snubber	Replaced block valve.	yes	SN
2-18-0002	Snubber	Replaced piston.	yes	SN
2-18-0003	Snubber	Replaced cylinder.	yes	SN
2-18-0004	Snubber	Replaced piston and rod bushing.	yes	SN
2-18-0005	Snubber	Replaced piston.	yes	SN
2-18-0006	Snubber	Replaced piston.	yes	SN
2-18-0007	Snubber	Replaced piston and valve block.	yes	SN
2-18-0008	Snubber	Replaced piston.	yes	SN
2-18-0009	Snubber	Replaced rod bushing.	yes	SN
2-18-0010	Snubber	Replaced rod bushing, cylinder and piston.	yes	SN
2-18-0011	Snubber	Replaced piston and cylinder.	yes	SN
2-18-0012	Snubber	Replaced cylinder.	yes	SN
2-18-0013	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0014	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0015	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-18-0016	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-18-0017	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0018	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-18-0019	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-18-0020	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-18-0021	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0022	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-18-0023	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-18-0024	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0025	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	1	SN
2-18-0026	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	3	SN
2-18-0027	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0028	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0029	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0030	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-18-0031	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0032	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-18-0033	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-18-0034	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-18-0035	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-18-0036	Snubber	Replaced snubber with pre-tested spare of same model/manufacturer.	Tech. Spec.	SN
2-18-0037	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0038	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0039	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0040	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0041	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0042	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0043	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-0044	S/G Snubber	Replaced S/G snubber with pre-tested spare of same model/manufacturer.	2	SN
2-18-1001	CV-31999	Replaced trim set including disc.	2	MS
2-18-1002	21 CLG WTR PMP DISCH Check	Relaced with rebuilt spare and refurbished removed valve.	3	CL
2-18-1003	Support FWH-53	Removed linear indications by flapper wheel.	2	FW

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-18-1004	SG MS Safety Valves RS-21-17, RS-21-18, RS-21-20	Replaced MS safety valves and replaced disc in BM9483.	2	MS
2-18-1005	21 Pressurizer Safety Valves 2RC-10-1 and 2RC-10-2	Replaced valves with pretested spares.	1	RC
2-18-1006	21 Steam Generator	Installed welded tube plug	1	SG
2-18-1007	21 Steam Generator	Installed welded tubesheet plug	1	SG
2-18-1008	22 Steam Generator	Installed welded tubesheet plug	1	SG
2-19-0001	Snubber	Replaced piston, cylinder, and rod bushing.	yes	SN
2-19-0002	Snubber	Replaced piston.	yes	SN
2-19-0003	Snubber	Replaced piston.	yes	SN
2-19-0004	Snubber	Replaced piston.	yes	SN
2-19-0005	Snubber	Replaced piston.	yes	SN
2-19-0006	Snubber	Replaced piston.	yes	SN
2-19-0007	Snubber	Replaced piston.	yes	SN
2-19-0008	Snubber	Replaced cylinder.	yes	SN
2-19-0009	Snubber	Replaced cylinder and piston.	yes	SN
2-19-0010	Snubber	Replaced piston.	yes	SN
2-19-0011	Snubber	Replaced piston and cylinder.	yes	SN
2-19-0012	Snubber	Replaced cylinder.	yes	SN
2-19-0013	Snubber	Replaced piston.	yes	SN
2-19-0016	Snubber	Replaced piston and cylinder.	yes	SN
2-19-0017	Snubber	Replaced piston.	yes	SN
2-19-0018	Snubber	Replaced piston.	yes	SN
2-19-0019	Snubber	Replaced snubber with pre-tested spare of same model/manufacturur.	Tech. Spec.	SN
2-19-1001	MS Safety Valves	Replaced discs.	2	MS
2-19-1002	Main Steam Safety Valves RS-21-14, RS-21-15	Removed/Replaced Main Steam Safety Valves	2	MS

NUCLEAR MANAGEMENT COMPANY
PRAIRIE ISLAND UNIT 2 CYCLE 21

INSERVICE INSPECTION
SUMMARY REPORT

Item #	NAME OF COMPONENT	Description of Work Completed	Code Class	SYSTEM
2-19-1003	CV-31348 21 Letdown orifice Isolation Control Valve	Replaced body to bonnet fasteners.	2	VC
2-20-1001	22 S/G secondary manway covers	Replaced secondary manway covers	2	SG

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-004 ⁰⁰⁰¹ ^{10030 JUL 01}
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/11/2002

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9406250

Address

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

Name

Same Type Code Symbol Stamp N/A

Address

SN Authorization N/A

4. Identification of System SN Expiration Date N/A

Code Class

yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-165	1969	Corrected	No

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 work order 9406764.

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.

001 30JUN03 JRD

ITEM 2-16-004 *PL 9/1/13*

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

9. Remarks

n/a

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed R.B. Williams, ASME Program Engineer Date 7-21, 2002
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 26 JUN 03 to 26 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 P. O'Neil Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date June 26, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-002 ⁰⁰⁰² ¹⁶⁰³⁰³⁰⁰³
R 1/1/03

1. Owner Nuclear Management Company, LLC Date 11/11/2002
- Name
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name
- 1717 Wakonade Dr. E, Welch Minnesota 55089 9300729
- Address
3. Work Performed by Owner Repair Organization P.O. No., Job No., etc
- Name
- Same Type Code Symbol Stamp N/A
- Address
- SN Authorization N/A
4. Identification of System SN SN Expiration Date N/A
- Code Class
- yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-465	1969	Corrected	No

7. Description of Work Replaced piston rod.
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 work order 9406764.

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.

121

1002 30 JUL 03
ITEM 2-16-002 RE 8/1/03

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

9. Remarks

n/a

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed R.B. Williams, ASME Program Engineer Date 11-21, 2002
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 26 JUN 03 to 26 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.

Donald R. O'Neil Commissions NB 12085 ANI MD 21924
Inspector's Signature National Board, Province and Endorsements

Date June 26, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-003 *0053 11/11/02*

1. Owner Nuclear Management Company, LLC Date 11/11/2002
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9406249
 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
 Address _____ Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-201	1969	Corrected	No

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 work order 9406764.

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 2-16-003-

0003 400 30JUN03
PC 8-16-03
#1162

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. Williams, ASME Program Engineer Date 11-21, 2002
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 26 JUN 03 to 26 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.

Donald R. O'Neil Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date June 26, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-004 ^{0004 1020003}
RC 11/1/03

1. Owner Nuclear Management Company, LLC Date 11/11/2002
Name _____
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
Name _____
1717 Wakonade Dr. E, Welch Minnesota 55089 9307226
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
Address _____ Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-513	1969	Corrected	No

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 work order 9406764.

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 2-16-004

0004 10030603
RC 8/1/03

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. Willett, ASME Program Engineer Date 11-21, 2002
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 27 JUN 03 to 27 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 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-005

2005 10/30/02
RE 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/11/2002
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
3. Work Performed by Owner Name 1717 Wakonade Dr. E, Welch Minnesota 55089 Address 9406252 Repair Organization P.O. No., Job No., etc 9406252
4. Identification of System SN Type Code Symbol Stamp N/A Authorization N/A Expiration Date N/A Code Class yes
5. (a) Applicable Construction Code B31.1 1967 Edition 1967
- (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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-349	1969	Corrected	No

7. Description of Work Replaced piston rod and rod bushing.
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 work order 9406764.

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 2-16-885 0005 03 JUL 03
PC 5/1/03

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 6/2/03,
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 27 JUN 03 to 27 JUNE 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 SB 12085 ANI MAJ21924
Inspector's Signature National Board, Province and Endorsements

Date June 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-006 ⁰⁰⁰⁶ ¹⁰⁰ 30 JUL 03
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/11/2002

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9403850

Address

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

Name

Same Type Code Symbol Stamp N/A

Address

SN Authorization N/A

4. Identification of System Code Class yes

Expiration Date

1967 Edition

5. (a) Applicable Construction Code B31.1 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-88	1969	Corrected	No

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 work order 9406764.

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

0006 100 30100
ITEM 2-16-006 *PC 5/1/03*

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 6/2/03,
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 27 JUN 03 to 27 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 1085 ANI MN 31924
Inspector's Signature National Board, Province and Endorsements

Date June 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-007 ⁰⁰⁰⁷ ^{30JUL03}
RE 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/11/2002
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9403854
- 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 SN Code Class yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-217	1969	Corrected	No

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 work order 9406764.

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

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

9. Remarks

n/a

ITEM 2-16-007

0007 100 3010003
PC 8/1/03

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 6/2/03,
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 27 JUN 03 to 27 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 12055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date June 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-008 0008 10361507
RE 8/1/02

1. Owner Nuclear Management Company, LLC Date 11/11/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9403855
- Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Same Name Same Type Code Symbol Stamp N/A
- Address SN Authorization N/A
- Expiration Date N/A
4. Identification of System SN Code Class yes
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


Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-391	1969	Corrected	No

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 work order 9406764.

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

0008 30 JUL 03
ITEM 2-16-008 RE 8/1/03 

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

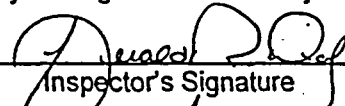
Certificate of Authorization No. n/a Expiration Date n/a

Signed , ASME Program Engineer Date 11-21, 2002
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 27 JUN 03 to 27 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.

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

Date June 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-009 *0009 of 03 JUL 03*
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/14/2002
 Name _____
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
 Name _____
1717 Wakonade Dr. E, Welch Minnesota 55089 9404662
 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
 Address _____ Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-380	1969	Corrected	No

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 work order 9406764.

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 2-16-009

0009 103050603
Re 8/1/03

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. Williams ASME Program Engineer Date 11-21, 2002
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 H53 CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 27 JUN 03 to 27 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 12085 ANI MN 31924
Inspector's Signature National Board, Province and Endorsements
Date June 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-040

RC 8/1/02

1. Owner Nuclear Management Company, LLC Date 11/15/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9403858

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

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

Authorization N/A

Expiration Date N/A

4. Identification of System SN SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-166	1969	Corrected	No

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 work order 9406764.

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

0010 10030JUL03
ITEM 2-16-040 *PC 2/1/03*

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. Williams, ASME Program Engineer Date 11-21, 2002
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 27 JUN 03 to 27 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.

Donald P. O'Neil Commissions NB 17085 ANI MA 31924
Inspector's Signature National Board, Province and Endorsements
Date June 27, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-044 30 JUL 03
PC 5/1/02

1. Owner Nuclear Management Company, LLC Date 11/15/2002
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 9403860
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 SN Code Class yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-374	1969	Corrected	No

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 work order 9406764.

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 2-16-044 ⁰⁰¹¹ 8/30/03
PC 8/1/03

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. Williams, ASME Program Engineer Date 11-21, 2002
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 01 JUL 03 to 01 JUL 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.

Donald R. Duff Commissions NB 1 PORS ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date July 01, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-042 ⁰⁸²⁻¹⁰⁻²⁴⁻⁰³
Re 8/1/13

1. Owner Nuclear Management Company, LLC Date 11/15/2002
- Name _____
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
- Name _____
- 1717 Wakonade Dr. E, Welch Minnesota 55089 9403848
- 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
- Address _____ Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-248	1969	Corrected	No

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 work order 9406764.

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 2-16-042 ^{CON 2} 100 301003
PC 8/1/03

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. C. [Signature], ASME Program Engineer Date 11-21, 2002
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 01 JUL 03 to 01 JUL 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 July 01, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0013
ITEM 2-16-043
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
 Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9404701
 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
 Address _____ Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-67	1969	Corrected	No

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 work order 9406764.

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 2-16-013 0013 100 3015103
PC 8/1/03

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. Williams, ASME Program Engineer Date 11-21, 2002
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 01 JUL03 to 01 JUL03, and state that to the best of my knowledge and belief, the Owner 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 MA 01924
Inspector's Signature National Board, Province and Endorsements

Date July 01, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-014 ^{CO14} 1203 JUL 03
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9404724

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

Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-311	1969	Corrected	No

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 work order 9406764.

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 2-16-044

0014 12030JUL03
RE 8/1/03

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. Williams, ASME Program Engineer Date 11-21, 2002
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 01 JUL 03 to 01 JUL 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 [Signature] Commissions NB 12085 ASI MD 21924
National Board, Province and Endorsements

Date July 01, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

COIS 11/15/02
ITEM 2-16-015
RC 11/13

<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></p> <p style="text-align: center;">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>11/15/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9404692</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>1967 Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-245	1969	Corrected	No

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 work order 9406764.

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

0015 10030JUL03
ITEM 2-16-045 RC 8/1/03

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. Williams, ASME Program Engineer Date 11-21, 2002
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 01 JUL 03 to 01 JUL 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.

Donald R. Daly Commissions NB 12085 MI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 01, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-046 ⁰⁰¹⁶⁻¹⁰⁰³⁰⁻¹⁰⁴⁰³
12/1/13

1. Owner Nuclear Management Company, LLC Date 11/15/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9404688

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-306	1969	Corrected	No

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 work order 9406764.

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

0016 1003010603
ITEM 2-16-046 10 8/1/03

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. Wallace, ASME Program Engineer Date 11-21, 2002
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 01 JUL 03 to 01 JUL 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 [Signature] Commissions NB 12085 ANI MD 21924
National Board, Province and Endorsements

Date July 01, 2003

ITEM 2-16-047 ^{0017-1030 JUL 03}
re 8/1/03

Date 11/15/2002

Name

Sheet 1 of 2

Name

9404683

Address

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

Owner

Type Code Symbol Stamp N/A

Name

Authorization	N/A
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Same

Expiration Date	N/A
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Address

Code Class	yes
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SN

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
1989	
1995	
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(c) Applicable Section XI Code Cases None

[illegible]

Replaced piston.

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 work order 9406764.

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

0077 1803030403
ITEM 2-16-047 7c 8/1/03

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. Williams, ASME Program Engineer Date 11-21, 2002
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 01 JUL 03 to 01 JUL 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 [Signature] Commissions NB 12085 ANI md 21924
National Board, Province and Endorsements

Date July 01, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-048 ^{0018 40 30 JUL 03}
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 9404657
 Address _____ Repair Organization P.O. No., Job No., etc _____
3. Work Performed by Owner _____
 Same _____
 Address _____
 Name _____ Type Code Symbol Stamp N/A
 Authorization N/A
 Expiration Date N/A
 Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-61	1969	Corrected	No

7. Description of Work Replaced piston, piston rod 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 work order 9406764.

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

CORP 30 JUL 03 180
ITEM 2-16-048 PC 8/16/03

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. Williams, ASME Program Engineer Date 11-20, 2002
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 28 JUL 03 to 28 JUL 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.

Derald R. Doherty Commissions NB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-049 ^{copy of 30 Jul 03}
PC 8/1/03

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p>2. Plant <u>Prairie Island Nuclear Generating Plant</u></p> <p style="margin-left: 100px;">Name <u>1717 Wakonade Dr. E, Welch Minnesota 55089</u></p> <p style="margin-left: 100px;">Address</p> <p>3. Work Performed by Owner <u>Same</u></p> <p style="margin-left: 100px;">Name <u>Address</u></p> <p>4. Identification of System <u>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u></p> <p style="margin-left: 100px;">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>11/15/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9404703</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>yes</u></p> <p>1967 Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-556	1969	Corrected	No

7. Description of Work Replaced piston rod bushing 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 work order 9406764.

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

0019 18030003
ITEM 2-16-049 8/1/03

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. Williams, ASME Program Engineer Date 11-20, 2002
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 28 JUL 03 to 28 JUL 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 [Signature] Commissions NB 12085 ANI MN 31924
National Board, Province and Endorsements

Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-020 *0520 10030 JUL 02*
cc 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
S3471-SN-Q

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

Name
Same

Address
SN

4. Identification of System

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-544	1969	Corrected	No

7. Description of Work Replaced piston, piston rod bushing 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 work order 9406764.

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

0020 170 30JUL03
ITEM 2-16-020- PC 1/1/03

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. Willard, ASME Program Engineer Date 11-21, 2002
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 28JUL03 to 28JUL03, and state that to the best of my knowledge and belief, the Owner 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 Edward P. [Signature] Commissions NB 12085 ANI 1/1/21924
National Board, Province and Endorsements
Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-024 ⁰⁰²¹ ^{DO 301563}
12/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
U7208-SN-Q

3. Work Performed by Owner 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 SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
- Snubber -	Basic Engineers			PI-530	1969	Corrected	No

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 work order 9406764.

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 2-16-024 ⁰⁰²¹ ^{RO} 30 JUL 03
22 8/1/03

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. Williams, ASME Program Engineer Date 11-21, 2002
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 CR of Hartford Conn. have inspected the components described in this Owner's Report during the period 28 JUL 03 to 28 JUL 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]
Inspector's Signature

Commissions NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-022 ^{0022 1003 JUL 03}
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 9404655
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
SN Code Class yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-307	1969	Corrected	No

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 work order 9406764.

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

CORR 30 JUL 03 180
ITEM 2-16-022 Re 8/1/03

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

T.B. Williams

ASME Program Engineer

Date

11-21

2002

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 28 JUL 03 to 28 JUL 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 NWI MN 21924

National Board, Province and Endorsements

Date

July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-023 ⁰⁰²³ ^{28 JUL 02}
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089
 Name U0748-SN-Q
 Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Type Code Symbol Stamp N/A
Same Name N/A
 Address N/A
 Authorization N/A
 Expiration Date N/A
 Code Class yes
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-167	1969	Corrected	No

7. Description of Work Replaced piston and cylinder. AND PISTON ROD ⁰⁰²³ ^{28 JUL 03}
PC 8/1/03
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 work order 9406764.

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

0023 48029 JUL 06
ITEM 2-16-023
RC 8/1/03

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. [Signature], ASME Program Engineer Date 11-21, 2002
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 28 JUL 03 to 28 JUL 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 1085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-024 ⁰⁰²⁴ 180 303603
RC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/15/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9406718

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System SN Code Class 2 2 RC 6/2/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-221		2-AFSH-19	1969	Removed	No
Snubber	Basic Engineers	PI-165		2-AFSH-19	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0024 48030 JUL03
ITEM 2-16-824
pc 8/1/03

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 6/2/03
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 28 JUL03 to 28 JUL03, and state that to the best of my knowledge and belief, the Owner 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 11095 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements

Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-025-⁰⁰²⁵⁴⁰ ~~003063~~
Re 8/1/03

<p>1. Owner <u>Nuclear Management Company, LLC</u></p> <p>2. Plant <u>Prairie 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>SN</u></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 style="margin-left: 150px;">(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p style="margin-left: 150px;">(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>11/20/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9406707</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>S 2 Re 8/2/03</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-18		2-AFSH-33	1969	Removed	No
Snubber	Basic Engineers	PI-465		2-AFSH-33	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

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

9. Remarks

n/a

ITEM 2-16-025

cons 20 JUL 03
R 8/1/03

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 6/12/03
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 28 JUL 03 to 28 JUL 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 [Signature] Commissions 120PS and 1 MN 21924
National Board, Province and Endorsements

Date July 28, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-026 ⁰⁰²⁶ 18029 JUL 03
RC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9406712

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

Name
Same

Address
SN

4. Identification of System SN

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

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-224		2-AFSH-44	1969	Removed	No
Snubber	Basic Engineers	PI-201		2-AFSH-44	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0026 180 29 JUL 03
ITEM 2-16-026 PC 8/1/03

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 6/2/03
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 29 JUL 03 to 29 JUL 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 AND MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-027 ⁰⁰²⁷ ¹⁸⁰ 29 JUN 03
22 8/1/03

<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</p> <p style="margin-left: 150px;"><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</p> <p style="margin-left: 150px;"><u>Same</u></p> <p style="margin-left: 150px;">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="margin-left: 150px;">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>11/20/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9406706</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>3</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-81		2-CCH-176	1969	Removed	No
Snubber	Basic Engineers	PI-513		2-CCH-176	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0027 29 JUL 03
ITEM 2-16-027
PC 6/1/03

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 6/2/03
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 29 JUL 03 to 29 JUL 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 [Signature] Commissions NB 12085 ANI MN 01924
National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0028 400 24JUL03
ITEM 2-16-028
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9406702

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

Name
Same

Address
SN

Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

Code Class 3.2 PC 6/2/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-196		2-CSH-215	1969	Removed	No
Snubber	Basic Engineers	PI-349		2-CSH-215	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0028 PRO 29 JUL 03
ITEM 2-16-028-
22 8/1/03

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 6/2/03
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 CR of Hartford Conn. have inspected the components described in this Owner's Report during the period 29 JUL 03 to 29 JUL 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 I BPS AND MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-029 ⁰⁰²⁹ ^{0029 JUL 03}
PC 6/12/03

<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 Owner <u>Same</u></p> <p style="text-align: center;">Name</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 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>11/20/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9406703</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 PC 6/12/03</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-79		2-CSH-224	1969	Removed	No
Snubber	Basic Engineers	PI-88		2-CSH-224	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0029 10029 JUL 03
ITEM 2-16-029 RC 8/1/03

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 6/2/03
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 29 JUL 03 to 29 JUL 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 PORS MI 11/21/24
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0030 100 09 JUL 03
ITEM 2-16-030 *rc 8/1/03*

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407282

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 SN SN Code Class 3-2 rc 6/1/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-535		2-CSH-75A	1969	Removed	No
Snubber	Basic Engineers	PI-217		2-CSH-75A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0030 29 JUL 03
ITEM 2-16-030 201/103

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 6/12/03,
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 29 JUL 03 to 29 JUL 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 [Signature] Commissions NB 12085 AWI MD 21924
National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-034 ⁰⁰³¹ ^{0009 JUL 03}
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407283
- 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 SN Expiration Date N/A
4. Identification of System SN Code Class 32 RC 6/2/03
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-58		2-CSH-75B	1969	Removed	No
Snubber	Basic Engineers	PI-391		2-CSH-75B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure psi Test Temp. °F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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

0031 150 JUL 03
ITEM 2-16-031 PC 8/1/03

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 6/2/03
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 CR of Hartford Conn. have inspected the components described in this Owner's Report during the period 29 JUL 03 to 29 JUL 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 July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-032 ^{0032 180} 29 JUL 03
PC 8/1/02

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407284

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 SN Expiration Date N/A

4. Identification of System SN 2 RC 6/2/03 Code Class 2 RC 6/2/03

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

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-210		2-CSH-76	1969	Removed	No
Snubber	Basic Engineers	PI-405		2-CSH-76	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

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

9. Remarks

n/a

ITEM 2-16-032 ⁰⁰³² ^{0029 JUL 03}
pc 8/1/03

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 6/2/03
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 29 JUL 03 to 29 JUL 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 AW1 MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0033 010 19 JUL 03
ITEM 2-16-033-2 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407285

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 SN Expiration Date N/A

4. Identification of System SN Code Class 2 RC 6/2/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-50		2-CSH-79	1969	Removed	No
Snubber	Basic Engineers	PI-380		2-CSH-79	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0033 000 19 JUL 03
ITEM 2-16-033 PC 8/1/03

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 6/12/03
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 29 JUL 03 to 29 JUL 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 [Signature] Commissions IB 1085 ANI mn 21924
National Board, Province and Endorsements
Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0034 81029 JUL 03
ITEM 2-16-034 *Re 8/1/03*

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407286
- 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 Same Expiration Date N/A
4. Identification of System SN SN Code Class 3-2 RC 6/2/03
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-479		2-CSH-83	1969	Removed	No
Snubber	Basic Engineers	PI-357		2-CSH-83	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure psi Test Temp. °F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-034 ⁰⁰³⁴ ¹⁵⁰ 29 JUL 03
PC 8/1/03

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 6/12/03
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 29 JUL 03 to 29 JUL 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 AN1 MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-035

6035 100 100000
2/21/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407287
- 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 Same Expiration Date N/A
4. Identification of System SN Code Class 3-2 RC 6/2/03
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-14		2-CSH-84	1969	Removed	No
Snubber	Basic Engineers	PI-56		2-CSH-84	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure _____ psi Test Temp. _____ °F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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

0035 100 29 JUL 03
ITEM 2-16-035 RC 11/13

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 6/2/03,
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 29 JUL 03 to 29 JUL 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 NS 1075 AND MIN 21914
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0036 8029JUL03
ITEM 2-16-036
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407275

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-511		2-CVCRH-6	1969	Removed	No
Snubber	Basic Engineers	PI-184		2-CVCRH-6	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-030 ⁰⁰³⁶ ^{0029 JUL 03}
_{22 8/1/03}

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 6/2/03
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 29 JUL 03 to 29 JUL 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 AW, MN 21924
Inspector's Signature National Board, Province and Endorsements
Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0037 10023063
ITEM 2-16-037 *PC 8/1/03*

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9406705

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 3

4. Identification of System SN SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-242		2-CWH-34	1969	Removed	No
Snubber	Basic Engineers	PI-166		2-CWH-34	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0037 1002 JUL03
ITEM 2-16-037 R 8/1/03

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 6/2/03
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 29 JUL03 to 29 JUL03, and state that to the best of my knowledge and belief, the Owner 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 MAJ 21924
Inspector's Signature National Board, Province and Endorsements

Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-038 ^{0039-10023 Jul 03}
pe 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9502519

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

3. Work Performed by Owner
 Name Same Type Code Symbol Stamp N/A
 Authorization N/A
 Expiration Date N/A
 Code Class 3

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-464		2-CWH-35	1969	Removed	No
Snubber	Basic Engineers	PI-374		2-CWH-35	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-038 ⁰⁰³⁸ ¹⁰⁰ 29 JUL 03
2681/2

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 6/2/03
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 29 JUL 03 to 29 JUL 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 July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-039 ⁰⁰³⁹ ^{100 29 JUL 03}
cc 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9806708 *PC 7/21/03* *HO 29 JUL 03*

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

Address _____ Code Class 3

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-150		2-CWH-39	1969	Removed	No
Snubber	Basic Engineers	PI-248		2-CWH-39	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0039 100 29 JUL 03
ITEM 2-16-039 PC 8/1/03

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 6/12/03
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 29 JUL 03 to 29 JUL 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 MW 21924
Inspector's Signature National Board, Province and Endorsements
Date July 29, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-040 COPY 10/30/03
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 9506700 9406709 dfo 30 JUL 03
PC 8/1/03

3. Work Performed by Owner Repair Organization P.O. No., Job No., etc
Same Type Code Symbol Stamp N/A
Same Authorization N/A
Same Expiration Date N/A
SN Code Class 3

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-467		2-CWH-40	1969	Removed	No
Snubber	Basic Engineers	PI-67		2-CWH-40	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0040 180 30JUL03
ITEM 2-16-040- PC 5/1/02

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 6/2/03
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 JUL 03 to 30 JUL 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 July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-044 ⁰⁰⁴¹ ^{PC 8/1/03} ^{PC 8/1/03}

1. Owner Nuclear Management Company, LLC

Date 11/20/2002

2. Plant Praire Island Nuclear Generating Plant

Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

9506744 9406711 ^{PC 8/1/03}
Repair Organization P.O. No., Job No., etc

3. Work Performed by Owner

Type Code Symbol Stamp N/A

Same Name

Authorization N/A

4. Identification of System SN Address

Expiration Date N/A

Code Class 3

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-381		2-CWH-44	1969	Removed	No
Snubber	Basic Engineers	PI-311		2-CWH-44	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

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

9. Remarks

n/a

ITEM 2-16-044 0041 15000003
RE 9/1/03

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 6/2/03, _____
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 JUL 03 to 30 JUL 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 1612095 ANI MW 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-042-⁰⁰⁴² ~~PC 8/1/03~~ ^{PC 8/1/03}

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

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 Same Expiration Date N/A

4. Identification of System SN SN Code Class 3

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-103		2-CWH-45	1969	Removed	No
Snubber	Basic Engineers	PI-245		2-CWH-45	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-042 ^{6042 150 30 JUL 03}
_{PC 8/1/03}

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 6/12/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 JUL 03 to 30 JUL 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 [Signature] Commissions NB 17085 ANI MN 21924
National Board, Province and Endorsements
Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-043
6043 40301008
2-8-03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9406710

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System SN Code Class 3

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-533		2-CWH-50	1969	Removed	No
Snubber	Basic Engineers	PI-306		2-CWH-50	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0043 00 30 JUL 03
ITEM 2-16-043
RC 8/1/03

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 6/2/03
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 JUL 03 to 30 JUL 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 NR 17085 INI MD 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-044

0044 11/20/02
R 11/1/03

1. Owner Nuclear Management Company, LLC

Date 11/20/2002

2. Plant Praire Island Nuclear Generating Plant

Sheet 1 of 2

1717 Wakonade Dr. E, Welch Minnesota 55089

9406714

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 SN

Code Class 3

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-144		2-CWH-52	1969	Removed	No
Snubber	Basic Engineers	PI-389		2-CWH-52	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-044 ^{copy for 340603}
PC 8/1/03

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 6/2/03
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 Jul 03 to 30 Jul 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 [Signature] Commissions NB 12085 AWI MW 21924
National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-045-
CCUS 410720103
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9406713
- Address Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner Same Type Code Symbol Stamp N/A
- Name Authorization N/A
- Address Expiration Date N/A
4. Identification of System SN Code Class 3
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-78		2-CWH-54	1969	Removed	No
Snubber	Basic Engineers	PI-61		2-CWH-54	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure psi Test Temp. °F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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

0045 100 30JUL03
ITEM 2-16-045 DR 8/1/03

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 6/2/03
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 30JUL03 to 30JUL03, and state that to the best of my knowledge and belief, the Owner 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 AW MA 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-046 0046 30 JUL 03
RC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9406716

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 SN Expiration Date N/A

4. Identification of System SN Code Class 2 Tech. Spec. P 6/1/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-569		2-MSH-75A	1969	Removed	No
Snubber	Basic Engineers	PI-556		2-MSH-75A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-046

0046 30JUL03
PC 8/1/03

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

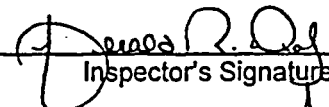
6/3/03

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 JUL 03 to 30 JUL 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 17085 ASME MD 2724
National Board, Province and Endorsements

Date

July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

0047 10030003
ITEM 2-16-047
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9406721

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 SN Expiration Date N/A

4. Identification of System SN Code Class Fecl Spec. PC 6/03/03

5. (a) Applicable Construction Code B31.1, 1967 Edition 1989 With No Addenda

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-525		2-MSH-76B	1969	Removed	No
Snubber	Basic Engineers	PI-544		2-MSH-76B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-047 ^{0047 of 030 JUL 03}
PC 8/1/03

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 6/13/03,
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 JUL 03 to 30 JUL 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 and MA 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-048 ^{0048 10030107}
28/1/13

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9406715

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 SN Expiration Date N/A

4. Identification of System SN Code Class Tech. Spec. 6/3/02 R

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-473		2-MSH-78	1969	Removed	No
Snubber	Basic Engineers	PI-530		2-MSH-78	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

CCN8 30Jul03
ITEM 2-16-040 Re 8/1/03

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 6/13/03
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 JUL 03 to 30 JUL 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 SB 12095 ANI MD 01924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-049 ^{0019 1000 JUL 03}
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9406717

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

Name
Same Type Code Symbol Stamp N/A

Address
SN Authorization N/A

4. Identification of System SN Expiration Date N/A

Code Class 3 Tech. Spec. PC 6/1/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-84		2-MSH-79	1969	Removed	No
Snubber	Basic Engineers	PI-548		2-MSH-79	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0049 1030103
ITEM 2-16-049- Re 8/1/03

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 6/3/03, _____
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 JUL 03 to 30 JUL 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 MJ 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-850 0050 010 301063
PC 3/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9406719

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 SN Expiration Date N/A

4. Identification of System SN Code Class Repl. Spec. 6/3/03 R.

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-101		2-MSH-80	1969	Removed	No
Snubber	Basic Engineers	PI-547		2-MSH-80	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-050- ^{CCSO 400} 30 JUL 03
20 8/1/03

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 6/13/03,
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 JUL 03 to 30 JUL 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 AW1 MN 01924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

ITEM 2-16-051 ⁰⁰⁵¹ ~~10~~ 30 JUL 03
KC 8/1/03

6. Identification of Components

[illegible]

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

COSI 09030103
ITEM 2-16-051 *Re 8/1/03*

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 6/13/03, _____
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 JUL 03 to 30 JUL 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 NR 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-052 ^{0052 and 30 JUL 03}
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9407290

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

Name
Same Type Code Symbol Stamp N/A

Address
SN Authorization N/A

4. Identification of System SN Expiration Date N/A

Code Class 2-1 PC 6/1/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-397		2-RRCH-279A	1969	Removed	No
Snubber	Basic Engineers	PI-553		2-RRCH-279A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-052-⁰⁰⁵² ^{FD 30 JUL 03}
2c 8/1/03

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 6/13/03,
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 JUL 03 to 30 JUL 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 AWI MN 01924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-053 ^{0053 100 3 JUL 03}
PC 6/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407291
- Address
Repair Organization P.O. No., Job No., etc
3. Work Performed by Owner
 Same Type Code Symbol Stamp N/A
 Same Authorization N/A
 Same Expiration Date N/A
 Same Code Class 2-1 PC 6/1/03
4. Identification of System SN
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-40		2-RRCH-282	1969	Removed	No
Snubber	Basic Engineers	PI-169		2-RRCH-282	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure psi Test Temp. °F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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

CCS3 30 JUL 03
ITEM 2-16-053 22 8/1/03

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 6/13/03
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 HGB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 JUL 03 to 30 JUL 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 July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-054

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407272
- 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 SN SN Code Class 8 1 R 6/16/13
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-190		2-RRCH-288	1969	Removed	No
Snubber	Basic Engineers	PI-24		2-RRCH-288	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure psi Test Temp. ° F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-054 ^{0054 10030505}
2001/03

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 6/13/03,
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 JUL 03 to 30 JUL 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 AND MN 01924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-055-⁰⁰⁵⁵ ^{RC 2/1/03}

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address 9407271

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

SN SN Expiration Date N/A

4. Identification of System Code Class 2 - RC 6/13/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-134		2-RRCH-292	1969	Removed	No
Snubber	Basic Engineers	PI-600		2-RRCH-292	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-055 ^{0055 1030JUL03}
PC 8/1/03

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 6/3/03
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 30 JUL 03 to 30 JUL 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 MD 21924
Inspector's Signature National Board, Province and Endorsements
Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-056-^{CCSL 40300003}
22 2/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407277

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 SN SN Code Class 2

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

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-457		2-RSIH-268	1969	Removed	No
Snubber	Basic Engineers	PI-183		2-RSIH-268	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0056 30 JUL 03
ITEM 2-16-056 pc 8/1/03

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 6/13/03
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 JUL 03 to 30 JUL 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 12055 AS1 MD 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-057 ⁰⁰⁵⁷ ^{NO 30 JUL 03}
xc 8/1/03

1. Owner <u>Nuclear Management Company, LLC</u> 2. Plant <u>Prairie Island Nuclear Generating Plant</u> <u>1717 Wakonade Dr. E, Welch Minnesota 55089</u> 3. Work Performed by <u>Owner</u> <u>Same</u> 4. Identification of System <u>SN</u> 5. (a) Applicable Construction Code <u>B31.1</u> <u>Addenda n/a</u> (b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u> (c) Applicable Section XI Code Cases <u>None</u>	Date <u>11/20/2002</u> Sheet <u>1</u> of <u>2</u> <u>9407281</u> Repair Organization P.O. No., Job No., etc Type Code Symbol Stamp <u>N/A</u> Authorization <u>N/A</u> Expiration Date <u>N/A</u> Code Class <u>2</u> 1967 Edition Code Case <u>n/a</u>
--	---

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-327		2-RSIH-343	1969	Removed	No
Snubber	Basic Engineers	PI-601		2-RSIH-343	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☐
 Pressure _____ psi
 Test Temp. _____ °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0657 30 JUL 03
ITEM 2-16-057 *pc 8/1/03*

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 6/3/03
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 HSC CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 JUL 03 to 30 JUL 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 01924
Inspector's Signature National Board, Province and Endorsements
Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-058

0058 100 30 JUL 03
Re 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407274

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

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

Authorization N/A

Expiration Date N/A

4. Identification of System SN 21 Code Class Re 6/3/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-92		2-RSIH-349	1969	Removed	No
Snubber	Basic Engineers	PI-171		2-RSIH-349	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0058 30 JUL 03
ITEM 2-16-050- *pc 8/13* *gpc*

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

6/13/03

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 JUL 03 to 30 JUL 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]

Inspector's Signature

Commissions

NB 17085 ANI MA 01924

National Board, Province and Endorsements

Date

July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-059 ⁰⁰³⁹ 100 30 JUL 03
fc 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9407273

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 SN Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-188		2-RSIH-350	1969	Removed	No
Snubber	Basic Engineers	PI-452		2-RSIH-350	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

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

9. Remarks

n/a

ITEM 2-16-059

2003
RC 2/1/03

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 6/13/03
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 JUL 03 to 30 JUL 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 [Signature] Commissions NR 17085 ANI mn 21924
National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-060-
2-8113

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407269

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 SN SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-317		2-RSIH-353A	1969	Removed	No
Snubber	Basic Engineers	PI-330		2-RSIH-353A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0060 18030 JUL 03
ITEM 2-16-060 PC 8/1/03

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 6/3/03, _____
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 JUL 03 to 30 JUL 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 AWI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-064 ⁰⁰⁶¹ ^{1030 JUL 03}
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9407270

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

Name
Same Type Code Symbol Stamp N/A

Address
SN Authorization N/A

4. Identification of System SN SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-321		2-RSIH-353B	1969	Removed	No
Snubber	Basic Engineers	PI-181		2-RSIH-353B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-16-061 ⁰⁰⁶¹ FD 30 JUL 03
PC 8/1/03

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 6/3/03
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 JUL 03 to 30 JUL 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 12095421 MW 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-062

0062 90300003
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9407278

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

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

Authorization N/A

Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-574		2-SIRH-18	1969	Removed	No
Snubber	Basic Engineers	PI-125		2-SIRH-18	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0062 180 30 JUL 03
ITEM 2-16-862 2-8/1/03

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 6/3/03
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 JUL 03 to 30 JUL 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 AND MA 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-063 ^{0063 PRD 30 JUL 03}
RC 9/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9500171

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System SN Code Class 3

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-583		2-CWH-47	1969	Removed	No
Snubber	Basic Engineers	PI-167		2-CWH-47	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. °F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

0063 of 203 JUL 03
ITEM 2-16-063- 229/03

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 6/3/03
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 JUL 03 to 30 JUL 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, 2085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-864

0064 10303063
PC 2/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 9503844
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 SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber block valve	Bergan Patterson	SG06		21S/G02	1969	Removed	No
Snubber block valve	Bergan Patterson	SG14		21S/G02	1969	Installed	No

7. Description of Work Replaced snubber block valve with pre-tested spare of same model/manufacture.
 8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☒ Pressure psi Test Temp. °F
- Other: Snubber block valve will be visually inspected (VT-3) after replacement.

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 2-16-864-^{0064 J03 JUL 03} PL 8/1/03

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 6/3/03
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 30 JUL 03 to 30 JUL 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 July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-16-065-10030 JUL 03
PC 8/1/03

1. Owner Nuclear Management Company, LLC Date 11/20/2002

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9503845

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

Name
Same

Address
SN

4. Identification of System

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber block valve	Bergan Patterson	SG18		22S/G02	1969	Removed	No
Snubber block valve	Bergan Patterson	SG06		22S/G02	1969	Installed	No

7. Description of Work Replaced snubber block valve with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber block valve will be visually inspected (VT-3) after replacement.

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 2-16-065 ^{0065 180301003} _{fc 11/03}

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 6/13/03,
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 30 JUL 03 to 30 JUL 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 July 30, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0001

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9403853</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>
---	---

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-445	1969	Corrected	No

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.

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 2-17-0001

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

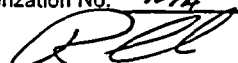
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

6/19/03

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 Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 AUG 03 to 05 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.

Inspector's Signature

Commissions

NB 12025 AND MN 21984
National Board, Province and Endorsements

Date

August 05

2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0002

1. Owner Nuclear Management Company, LLC Date 12/11/02
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 9503833
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
SN Code Class yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-464	1969	Corrected	No

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.

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 2-17-0002

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 6/19/03
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 Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 AUG 03 to 05 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 17085 AN1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0003

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9404681</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>yes</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-304	1969	Corrected	No

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.

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 2-17-0003

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 6/9/03
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 05 AUG 03 to 05 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0004

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9503834</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-210	1969	Corrected	No

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.

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 2-17-0004

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

6/9/03

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 05 AUG 03 to 05 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.


Inspector's Signature

Commissions

NB 17085 ANI MN 21924

National Board, Province and Endorsements

Date

August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0005

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9404690</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>yes</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-236	1969	Corrected	No

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.

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 2-17-0005

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 6/19/03
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 Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 AUG 03 to 05 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 AW 1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0006

<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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9503838</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-424	1969	Corrected	No

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.

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 2-17-0006

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 6/9/03,
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 05 AUG 03 to 05 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 17085 AW1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0007

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9503802

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 SN Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-78	1969	Corrected	No

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.

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 2-17-0007

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 6/19/03
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 Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 05 AUG-03 to 05 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 MS1 MA 21924
Inspector's Signature National Board, Province and Endorsements

Date August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0008

<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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9503639</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-103	1969	Corrected	No

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.

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 2-17-0008

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 6/9/03
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 05 AUG 03 to 05 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 12095 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date August 05, 2007

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0009

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>U0754-SN-Q</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-338	1969	Corrected	No

7. Description of Work Replaced bearing 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.

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 2-17-0009

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 6/9/03
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 05 AUG-03 to 05 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0010

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9404680</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>yes</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-312	1969	Corrected	No

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.

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 2-17-0010

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

6/9/03

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 05 AUG-03 to 05 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

August 05, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0011

<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>SN</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u></p> <p style="text-align: center;"><u>Addenda</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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607728</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> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-74		2-RHRH-14	1969	Removed	No
Snubber	Basic Engineers	PI-445		2-RHRH-14	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0011

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 6/9/03
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 06 AUG 03 to 06 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 06, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0012

<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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607738</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-285		2-CCH-179B	1969	Removed	No
Snubber	Basic Engineers	PI-464		2-CCH-179B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0012

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 6/9/03
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 06 AUG 03 to 06 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 06, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0013

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607730</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>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-33		2-RHRH-54	1969	Removed	No
Snubber	Basic Engineers	PI-312		2-RHRH-54	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0013

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 6/9/03
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 06 AUG 03 to 06 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 ANI MN 01924
Inspector's Signature National Board, Province and Endorsements
Date August 06, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0014

<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 Owner <u>Same</u></p> <p style="text-align: center;">Name</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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607734</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 3 2c 6/9/03</u></p> <p>1967 Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-279		2-CCH-185B	1969	Removed	No
Snubber	Basic Engineers	PI-210		2-CCH-185B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0014

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 6/9/03
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 06 AUG 03 to 06 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 17095 AW MD 21924
Inspector's Signature National Board, Province and Endorsements
Date August 06, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0015

<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 Owner</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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607731</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-277		2-CCH-185A	1969	Removed	No
Snubber	Basic Engineers	PI-304		2-CCH-185A	1969	Installed	No

7. Description of Work. Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0015

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 6/9/03
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 06 AUG 03 to 06 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 12055 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 06, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0016

<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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607727</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-226		2-RHRH-13	1969	Removed	No
Snubber	Basic Engineers	PI-236		2-RHRH-13	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psl Test Temp. F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0016

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 6/9/03
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 CR of Hartford Conn. have inspected the components described in this Owner's Report during the period 11 AUG 03 to 11 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 1812085 ANI MN 01994
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0017

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9607729

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

Address _____ Code Class 2

4. Identification of System SN _____

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-36		2-RHRH-52	1969	Removed	No
Snubber	Basic Engineers	PI-424		2-RHRH-52	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0017

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 6/9/03
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 11 AUG 03 to 11 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 13 12085 AW1 md 21924
Inspector's Signature National Board, Province and Endorsements

Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0018

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607781</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><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-480		2-CVCH-166	1969	Removed	No
Snubber	Basic Engineers	PI-208		2-CVCH-166	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psl Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0018

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 6/9/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 07 AUG 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 ANI MN 21924
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 2-17-0019

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607782</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>1</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-114		2-RCVCH-1389	1969	Removed	No
Snubber	Basic Engineers	PI-329		2-RCVCH-1389	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0019

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 6/9/03
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 07 AUG 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 ANI 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 2-17-0020

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607785</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><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-25		2-RCVCH-1396	1969	Removed	No
Snubber	Basic Engineers	PI-454		2-RCVCH-1396	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0020

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 6/9/03
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 11 AUG-03 to 11 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0021

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9607785 <u>9607786</u> <i>JP 11 AUG 03 PC 8/11/03</i></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>1</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-373		2-RCVCH-1513	1969	Removed	No
Snubber	Basic Engineers	PI-117		2-RCVCH-1513	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0021

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 6/9/03
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 11 AUG-03 to 11 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 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0022

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607735</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>Tech. Spec.</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-293		2-RCRH-31	1969	Removed	No
Snubber	Basic Engineers	PI-78		2-RCRH-31	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0022

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 6/19/03,
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 Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 11 AUG-03 to 11 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 12075 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-023

<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</p> <p style="margin-left: 150px;"><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</p> <p style="margin-left: 150px;"><u>Same</u></p> <p style="margin-left: 150px;">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 style="margin-left: 150px;">(b) Applicable Edition of Section XI Utilized for Repair/Replacement Activity <u>1989 With No Addenda</u></p> <p style="margin-left: 150px;">(c) Applicable Section XI Code Cases <u>None</u></p>	<p>Date <u>12/11/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607736</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>1967 Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-289		2-AFSH-2	1969	Removed	No
Snubber	Basic Engineers	PI-103		2-AFSH-2	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ °F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-023

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 6/9/03,
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 11 AUG 03 to 11 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0024

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607737</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-292		2-AFWH-80	1969	Removed	No
Snubber	Basic Engineers	PI-224		2-AFWH-80	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0024

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 6/9/03
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 11 AUG 03 to 11 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 11085 AWI MN 01924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0025

<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>6. Identification of Components</p>	<p>Date <u>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607776</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>Tech. Spec.</u></p>
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Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-542		2-MSH-107A	1969	Removed	No
Snubber	Basic Engineers	PI-338		2-MSH-107A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0025

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 6/9/03
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 11 AUG 03 to 11 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 17085 AWI MJ 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0026

<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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9600476</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>Tech. Spec.</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Paul Munroe	PI-1292		2-MSH-104A	1969	Removed	No
Snubber	Basic Engineers	PI-607		2-MSH-104A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare snubber per ME-0152.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0026

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 6/9/03
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 11 AUG 03 to 11 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 AND MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0027

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607787</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>Tech. Spec.</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-7924		2-RCRH-45	1969	Removed	No
Snubber	Basic Engineers	PI-566		2-RCRH-45	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0027

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 6/9/03
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 11 AUG 03 to 11 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0028

<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></p> <p style="text-align: center;">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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607784</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><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-146		2-RCVCH-1373	1969	Removed	No
Snubber	Basic Engineers	PI-333		2-RCVCH-1373	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0028

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 6/9/03
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 C7 of Hartford Conn. have inspected the components described in this Owner's Report during the period 11 AUG 03 to 11 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 17085 ANI MN 91924
Inspector's Signature National Board, Province and Endorsements

Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0029

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607783</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>Tech. Spec.</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-112		2-MSDH-20	1969	Removed	No
Snubber	Basic Engineers	PI-121		2-MSDH-20	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber was visually inspected (VT-3) after replacement.

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 2-17-0029

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 6/9/03
 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 11 AUG-03 to 11 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 17085 ANI MN 21924
 Inspector's Signature National Board, Province and Endorsements
 Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-0030

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9607815</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>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber block valve	Bergan Patterson	SG20		22S/G04	1969	Removed	No
Snubber block valve	Bergan Patterson	SG08		22S/G04	1969	Installed	No

7. Description of Work Replaced snubber block valve with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: VT-3 exam performed after installation

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 2-17-0030

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 6/9/03
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 11 AUG 03 to 11 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-17-031

<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>12/11/2002</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9607811</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber block valve	Bergan Patterson	SG08		21S/G04	1969	Removed	No
Snubber block valve	Bergan Patterson	SG15		21S/G04	1969	Installed	No

7. Description of Work Replaced snubber block valve with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psl Test Temp. _____ °F

Other: Snubber block valve will be visually inspected next U2 outage per 9809678.

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 2-17-031

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 6/19/03
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 Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 11 AUG 03 to 11 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 11, 2003

ITEM 2-17-1001

1. Owner Nuclear Management Company, LLC

Date 6/6/03

	Name
2. Plant	Praire Island Nuclear Generating Plant

Sheet 1 of 2

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

9405217

Address	
3. Work Performed by	Owner

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

Name

Type Code Symbol Stamp **N/A**

Authorization	N/A
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Expiration Date	N/A
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4. Identification of System AF

Code Class	3
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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

[illegible]

7. Description of Work ground out weld and rewelded flange to pipe weld.

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

Other ☐ Pressure 165-170 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 2-17-1001

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 6/6/03
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 14 AUG 03 to 14 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date August 14, 2003

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

ITEM 2-17-1002

<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>MS</u></p> <p>5. (a) Applicable Construction Code <u>B31.1</u>, <u>1967</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>6/6/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9502099</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
MS to 22 AFW Pump Check	Powel			2MS-15-1		Corrected	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<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: Inservice leakage test was 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 2-17-1002

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 6/16/03
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 AUG03 to 18 AUG03, and state that to the best of my knowledge and belief, the Owner 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 AN1 MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 18, 2003

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

ITEM 2-17-1003

<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>B31.1</u></p> <p style="text-align: center;">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>6/6/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9400439, 9400442, 9400445</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
Containment Sump B to 22	Crane			MV-32181		Corrected	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Reworked valve and replaced all valve internals.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Inservice 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 2-17-1003

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 6/6/03
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 C7 of Hartford Conn. have inspected the components described in this Owner's Report during the period 18 AUG 03 to 18 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 AND MD 1924
Inspector's Signature National Board, Province and Endorsements
Date August 18, 2003

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

ITEM 2-17-1004

<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>ABB</u></p> <p style="text-align: center;">Name</p> <p><u>Chattanooga, TN</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>ASME III</u>, 1965 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>6/6/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9503950</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>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
22 Steam Generator	Westinghouse	1182	68-40	234-012	1970	Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Install welded tube plugs.

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 2-17-1004

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 6/6/03
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 AUG 03 to 18 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 AND MD 21924
Inspector's Signature National Board, Province and Endorsements

Date August 18, 2003

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

ITEM 2-17-1005

<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>ABB</u></p> <p style="text-align: center;">Name</p> <p><u>Chattanooga, TN</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>ASME III</u></p> <p style="text-align: center;">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>6/6/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9503949</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>1</u></p> <p>1965 Edition</p> <p>Code Case <u>n/a</u></p>
---	--

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 Steam Generator	Westinghouse	1181	68-39	234-011	1970	Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Install welded tube plugs.

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 2-17-1005

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 6/6/03
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 AUG 03 to 18 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 17095 ANI MJ 21924
Inspector's Signature National Board, Province and Endorsements
Date August 18, 2003

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

ITEM 2-17-1006

<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>RC</u></p> <p>5. (a) Applicable Construction Code _____, 1965 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>6/6/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9503556</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>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
22 RCP Pump	Westinghouse			245-052		Corrected	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced Flange bolts

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Inservice 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 2-17-1006

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 6/6/03
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 AUG 03 to 18 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 NS 12085 221 MW 21924
Inspector's Signature National Board, Province and Endorsements
Date August 18, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0001

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9701293</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-480	1969	Corrected	No

7. Description of Work Replaced block valve.

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 work order 9801488.

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 2-18-0001

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 7/15/03
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 12 AUG 03 to 12 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 ANI MN 01924
Inspector's Signature National Board, Province and Endorsements

Date August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0002

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9404689</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>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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-299	1969	Corrected	No

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 work order 9801488.

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 2-18-0002

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 7/15/03
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 12 AUG 03 to 12 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 and MD 01924
Inspector's Signature National Board, Province and Endorsements
Date August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0003

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9406251

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

3. Work Performed by Owner Same Name Address

Type Code Symbol Stamp N/A

Authorization N/A

Expiration Date N/A

Code Class yes

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-344	1969	Corrected	No

7. Description of Work Replaced 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 work order 9801488.

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 2-18-0003

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 _____

Signed [Signature], ASME Program Engineer Date 7/15/03
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 12 AUG 03 to 12 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0004

<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></p> <p style="text-align: center;">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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>U7221-SN-Q</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>1967 <u> </u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-258	1969	Corrected	No

7. Description of Work Replaced piston and rod bushing.

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 work order 9801488.

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 2-18-0004

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

7/15/03

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 12 AUG-03 to 12 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]
Inspector's Signature

Commissions

NB 17085 AND MN 21924

National Board, Province and Endorsements

Date

August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0005

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9404740

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

Address _____ Code Class yes

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-383	1969	Corrected	No

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 work order 9801488.

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 2-18-0005

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

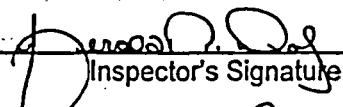
7/15/03

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 12 AUG 03 to 12 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.


Inspector's Signature

Commissions

NB 17085 AWI MN 21924
National Board, Province and Endorsements

Date

August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0006

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9404742</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-199	1969	Corrected	No

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 work order 9801488.

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 2-18-0006

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

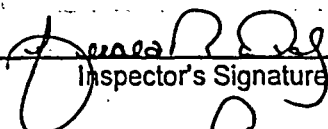
7/15/03

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 12 AUG 03 to 12 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0007

<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></p> <p style="text-align: center;">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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9404699</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>
--	--

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-123	1969	Corrected	No

7. Description of Work Replaced piston and valve block.

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 work order 9801488.

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 2-18-0007

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

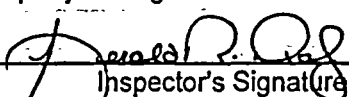
7/15/13

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 12 AUG 03 to 12 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.


Inspector's Signature

Commissions

NB 12085 ANI MA 21924
National Board, Province and Endorsements

Date

August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0008

<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 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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9503798</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-242	1969	Corrected	No

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 work order 9801488.

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 2-18-0008

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 7/15/03
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 12 AUG 03 to 12 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 17085 ONI MW 21924
Inspector's Signature National Board, Province and Endorsements
Date August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0009

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9500664

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

Address _____ Code Class yes

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-602	1969	Corrected	No

7. Description of Work Replaced rod bushing.

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 work order 9801488.

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 2-18-0009

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

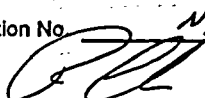
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

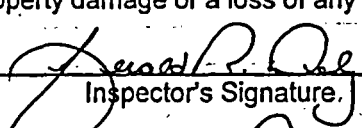
7/15/03

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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 12 AUG 03 to 12 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.


Inspector's Signature

Commissions

NB 12085 ANI MD 21924
National Board, Province and Endorsements

Date

August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0010

<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>, 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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>S6751-SN-Q</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>
---	--

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-43	1969	Corrected	No

7. Description of Work Replaced rod bushing, cylinder and 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 work order 9801488.

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 2-18-0010

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 7/15/03
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 12 AUG 03 to 12 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 17095 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0011

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9404693</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>yes</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-488	1969	Corrected	No

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 work order 9801488.

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 2-18-0011

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 7/15/03
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 12 AUG 03 to 12 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 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0012

<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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>U0757-SN-Q</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-528	1969	Corrected	No

7. Description of Work Replaced 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 work order 9801488.

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 2-18-0012

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

7/15/03

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 12 AUG 03 to 12 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]
Inspector's Signature

Commissions

NB 12085 AWI MN 21924
National Board, Province and Endorsements

Date

August 12, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0013

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801498

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

Address _____ Code Class 2

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-203		2-RRHH-21	1969	Removed	No
Snubber	Basic Engineers	PI-574		2-RRHH-21	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0013

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

7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MD 21924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0014

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801501

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

Address _____ Code Class 2

4. Identification of System SN _____

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-20		2-RBDH-339	1969	Removed	No
Snubber	Basic Engineers	PI-480		2-RBDH-339	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0014

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

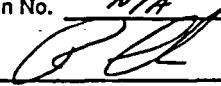
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

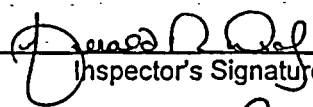
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0015

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801511

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

Address _____ Code Class 2 1 RC 3/15/03

4. Identification of System SN _____

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-579		2-RCVCH-1668	1969	Removed	No
Snubber	Basic Engineers	PI-511		2-RCVCH-1668	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psl Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0015

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

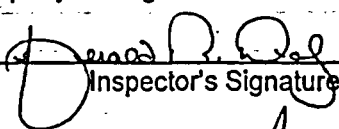
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NS 12085 ANI MN 21924

National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0016

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089 9801497

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

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

Address SN Authorization N/A

Expiration Date N/A

4. Identification of System SN Code Class 2 / RC 7/5/63

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-156		2-RCVCH-1524	1969	Removed	No
Snubber	Basic Engineers	PI-370		2-RCVCH-1524	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0016

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 7/15/03
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 13 AUG 03 to 13 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 17085 ANI MD 21924
Inspector's Signature National Board, Province and Endorsements
Date August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0017

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801502

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

3. Work Performed by Owner _____

Name _____ Type Code Symbol Stamp N/A

Same _____ Authorization N/A

Address _____ Expiration Date N/A

4. Identification of System SN _____ 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-326		2-RBDH-603	1969	Removed	No
Snubber	Basic Engineers	PI-223		2-RBDH-603	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0017

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


1/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MA 21924

National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0018

<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></p> <p style="text-align: center;">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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9801505</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>1</u></p> <p><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-367		2-RCRH-5	1969	Removed	No
Snubber	Basic Engineers	PI-150		2-RCRH-5	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psl Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0018

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

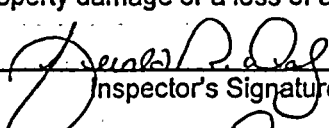
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 AS1

MN 21924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0019

<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></p> <p style="text-align: center;">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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9801512</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><u>1967</u> Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-262		2-RCRH-8	1969	Removed	No
Snubber	Basic Engineers	PI-16		2-RCRH-8	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0019

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

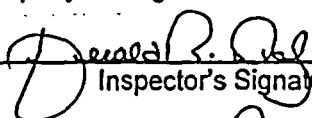
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MD 21924

National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0020

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9801515

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

Name
Same

Address
SN

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-104		2-SIRH-4B	1969	Removed	No
Snubber	Basic Engineers	PI-299		2-SIRH-4B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0020

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 7/15/03
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 13 AUG-03 to 13 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 NA 17085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0021

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801516

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

Address _____ Code Class 2

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-290		2-SIRH-7	1969	Removed	No
Snubber	Basic Engineers	PI-344		2-SIRH-7	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psl Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0021

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

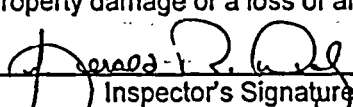
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

SB 12085 ANI MA 21924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0022

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9801508

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

Name
Same Type Code Symbol Stamp N/A

Address
SN Authorization N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-2		2-FWH-72B	1969	Removed	No
Snubber	Basic Engineers	PI-258		2-FWH-72B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0022

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

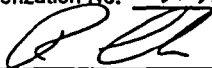
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

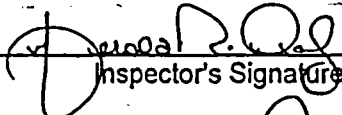
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0023

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801517

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

Address _____ Code Class 2-3 pc 7/15/03

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-295		2-ZX-PSSH-127	1969	Removed	No
Snubber	Basic Engineers	PI-383		2-ZX-PSSH-127	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0023

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 7/15/03
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 13 AUG 03 to 13 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 11093 ANI MD 21924
Inspector's Signature National Board, Province and Endorsements
Date August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0024

<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></p> <p style="text-align: center;">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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9801514</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 RC 71563</u></p> <p>1967 Edition</p> <p>Code Case <u>n/a</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-107		2-RHRRH-28	1969	Removed	No
Snubber	Basic Engineers	PI-199		2-RHRRH-28	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0024

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 2/15/03
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 13 AUG-03 to 13 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.

Inspector's Signature [Signature] Commissions NB 12085 ASME MJ 21924
National Board, Province and Endorsements
Date August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0025

<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>, <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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9801513</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>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-275		2-RCRH-9	1969	Removed	No
Snubber	Basic Engineers	PI-123		2-RCRH-9	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0025

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

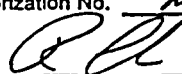
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

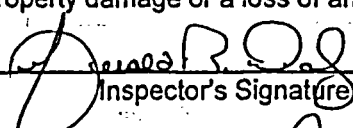
7/15/03

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 13 AUG-03 to 13 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.


Inspector's Signature

Commissions

AB 12095 ANI MN 1924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0026

1. Owner Nuclear Management Company, LLC Date 12/10/02
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801518
- 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 SN Expiration Date N/A
4. Identification of System SN 2 3 2C 1/15/03
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-194		2-CCH-160	1969	Removed	No
Snubber	Basic Engineers	PI-242		2-CCH-160	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure psi Test Temp. F
- Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0026

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

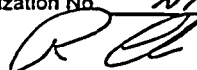
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

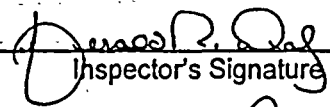
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12095 ANI MN 21924

National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0027

<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>, <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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9801500</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>
--	--

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-129		2-RBDH-337	1969	Removed	No
Snubber	Basic Engineers	PI-192		2-RBDH-337	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0027

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

7/15/03

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 13 AUG 03 to 13 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]
Inspector's Signature

Commissions

NB 12075 ANI

mn 21924

National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0028

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801503

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

Address _____ Code Class 2

4. Identification of System SN _____

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-318		2-RBDH-604	1969	Removed	No
Snubber	Basic Engineers	PI-211		2-RBDH-604	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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

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

9. Remarks

ITEM 2-18-0028

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

7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12095 ANI

MN 21924

National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0029

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9801504

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

Name
Same

Address
SN

Type Code Symbol Stamp N/A

Authorization N/A

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-325		2-RBDH-605	1969	Removed	No
Snubber	Basic Engineers	PI-209		2-RBDH-605	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0029

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

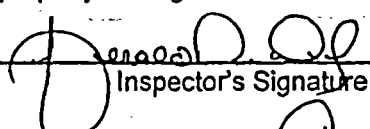
7/15/03

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 13 AUG 02 to 13 AUG 02, and state that to the best of my knowledge and belief, the Owner 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 12075 AWI MD 21924
National Board, Province and Endorsements

Date

August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0030

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801499

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 SN Expiration Date N/A

4. Identification of System SN Code Class 2 Tech Spec PC 7/15/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-39		2-AFSH-46	1969	Removed	No
Snubber	Basic Engineers	PI-602		2-AFSH-46	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0030

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 7/15/03
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 13 AUG-02 to 13 AUG-02, and state that to the best of my knowledge and belief, the Owner 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 MJ 21924
Inspector's Signature National Board, Province and Endorsements
Date August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0031

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801509

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

3. Work Performed by Owner Same Name Address SN 9801509

Type Code Symbol Stamp N/A

Authorization N/A

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-481		2-MSH-54B	1969	Removed	No
Snubber	Basic Engineers	PI-43		2-MSH-54B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0031

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

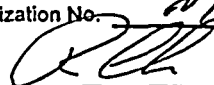
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

7/15/03

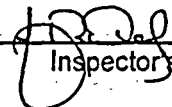
Owner or Owner's Designee, Title

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 C7 of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 AUG 03 to 13 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.

Inspector's Signature



Commissions

NB 12085 ANI MN 21924

National Board, Province and Endorsements

Date

Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0032

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801507

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

3. Work Performed by Owner _____

Name _____ Type Code Symbol Stamp N/A

Same _____ Authorization N/A

Address _____ Expiration Date N/A

4. Identification of System SN Code Class 2 Tech. Spec. R 7/15/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-540		2-MSDH-17	1969	Removed	No
Snubber	Basic Engineers	PI-488		2-MSDH-17	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0032

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

7/15/03

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 13 AUG 03 to 13 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.

Inspector's Signature

Commissions

NB 116085 ANI mN21924
National Board, Province and Endorsements

Date

Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0033

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801506

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 SN Expiration Date N/A

4. Identification of System SN Code Class 8 Tech. Spec. pt 7/15/03

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-506		2-MSH-107B	1969	Removed	No
Snubber	Basic Engineers	PI-539		2-MSH-107B	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0033

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 7/15/03
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 13 AUG 03 to 13 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 11095 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date August 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0034

<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>, <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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9801490</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 Tech. Spec. RC 7/15/03</u></p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-546		2-MSH-103A	1969	Removed	No
Snubber	Basic Engineers	PI-528		2-MSH-103A	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0034

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 7/15/03
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 Co of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 AUG 03 to 13 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 AWI m/ 01924
Inspector's Signature National Board, Province and Endorsements
Date Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0035

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9801510

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 SN Expiration Date N/A

4. Identification of System SN Code Class 2 Tech. Spec. R 7/15/83

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers	PI-577		2-MSDH-19	1969	Removed	No
Snubber	Basic Engineers	PI-397		2-MSDH-19	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-18-0035

9. Remarks

n/a

CERTIFICATE OF COMPLIANCE

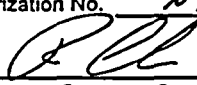
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date _____

Signed



ASME Program Engineer

Date

7/15/03

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 HSBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 13AUG03 to 13AUG03, and state that to the best of my knowledge and belief, the Owner 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 01924
National Board, Province and Endorsements

Date

Aug 13, 2003

ITEM 2-18-0036

6. Identification of Components

7. Description of Work	Replaced snubber with pre-tested spare of same model/manufacturer.
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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 2-18-0036

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 7/15/03
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 13 AUG 03 to 13 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.

Inspector's Signature [Signature] Commissions NB 11075 AW, MN 21924
National Board, Province and Endorsements
Date Aug 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0037

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9803582

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

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

Authorization N/A

Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-16		21S/G01	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-2		21S/G01	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber were visually inspected during the following Unit 1 outage per WO#9803582.

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 2-18-0037

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 7/15/03
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 13 AUG 03 to 13 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0038

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9803582

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

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

Address SN Authorization N/A

Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-13		21S/G02	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-5 004-5	<i>ASME B31.1</i>	21S/G02	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber were visually inspected during the following Unit 1 outage per WO#9803582.

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 2-18-0038

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

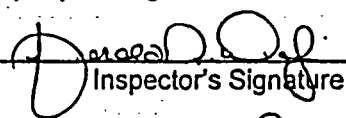
7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0039

<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>6. Identification of Components</p>	<p>Date <u>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9803582</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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Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-14		21S/G03	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-11		21S/G03	1969	Installed	No
			RL 7/15/03				

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Snubber were visually inspected during the following Unit 1 outage per WO#9803582.

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 2-18-0039

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

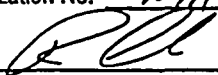
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

7/15/03

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 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0040

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9803582

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-11		21S/G04	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-14		21S/G04	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber were visually inspected during the following Unit 1 outage per WO#9803582.

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 2-18-0040

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 7/15/03
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 13 AUG 03 to 13 AUG 03 HSB CT 100, and state that to the best of my knowledge and belief, the Owner 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-A-1 MW 21924
Inspector's Signature National Board, Province and Endorsements

Date Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0041

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9803583

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 SN Expiration Date N/A

4. Identification of System 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-9		22S/G01	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-2 004	10013 AUG 03 PC 8/14/03	22S/G01	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Functional test of the snubber was 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 2-18-0041

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

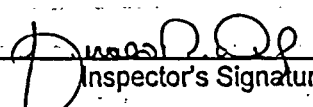
7/15/03

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 HSD CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 AUG 03 to 13 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.


Inspector's Signature

Commissions

NB 12085 ANI

MA 21924

National Board, Province and Endorsements

Date

Aug. 13

2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0042

1. Owner Nuclear Management Company, LLC Date 12/10/02
2. Plant Praire Island Nuclear Generating Plant Sheet 1 of 2
- Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9803583
- 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
- Address _____ Code Class 2
4. Identification of System SN _____
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-12		22S/G02	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-8 -004	100323603 DEC 8/14/02	22S/G02	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacture.
8. Tests conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
- Other ☒ Pressure _____ psi Test Temp. _____ F
- Other: Functional test of the snubber was 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 2-18-0042

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 7/15/03
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 13 AUG 03 to 13 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 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date Aug 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0043

<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>, 1967 Edition</p> <p style="text-align: center;">Addenda <u>n/a</u></p> <p style="text-align: center;">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>12/10/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9803583</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>
--	---

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-2		22S/G03	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-12		22S/G03	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Functional test of the snubber was 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 2-18-0043

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 7/15/03
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 13 AUG 03 to 13 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 NR 12075 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date Aug. 13, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-18-0044

1. Owner Nuclear Management Company, LLC Date 12/10/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9803583

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 SN Expiration Date N/A

4. Identification of System SN 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-1		22S/G04	1969	Removed	No
S/G Snubber	McDOWELL-WELLMAN	25.12620.003-16		22S/G04	1969	Installed	No

7. Description of Work Replaced S/G snubber with pre-tested spare of same model/manufacturer.

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

Other ☒ Pressure psi Test Temp. F

Other: Functional test of the snubber was 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 2-18-0044

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]
Owner or Owner's Designee, Title

ASME Program Engineer Date 7/15/03

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB CT of Hartford Conn. have inspected the components described in this Owner's Report during the period 13 AUG 03 to 13 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]
Inspector's Signature

Commissions

NB 12085 ANI MN 21924
National Board, Province and Endorsements

Date

Aug 13, 2003

ITEM 2-18-1001

Date 8/15/03

Name

Sheet 1 of 2

Name

9612061

Address

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

Owner

Type Code Symbol Stamp N/A

Name

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

Same

Address

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

MS

Code Class 2

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

7. Description of Work	Replaced trim set including disc.
-------------------------------	-----------------------------------

Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Hydrostatic ☐Pneumatic ☐

Nominal Operating Pressure ☒

Exempt ☐Other ☒

Pressure

psi

Test Temp.

F

Other: Inservice 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 2-18-1001

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 8/15/03
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 HSBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 SEP 03 to 04 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 NS 12085 AWI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date September 04, 2003

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

ITEM 2-18-1002

1. Owner Nuclear Management Company, LLC Date 8/18/03

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9701076 / 9701113

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

Expiration Date N/A

4. Identification of System CL 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 CLG WTR PMP DISCH	Mission			2CL-43-1		Corrected	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Relaced with rebuilt spare and refurbished removed valve.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Inservice 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 2-18-1002

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 8/18/03
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 04 SEP 03 to 04 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 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date September 04, 2003

ITEM 2-18-1003

Date 8/26/03

Name

Sheet 1 of 2

Name

-9700719 -

Address

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

Owner

Name

Type Code Symbol Stamp N/A

... Same

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

Address

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

FW

Code Class 2..

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

[illegible]

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 2-18-1003

9. Remarks A post-work MT examination of affected area was performed with NAD as recorded in exam report 97-0092R1.

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 8/26/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 SEP03 to 04 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 17075 AND MD 21924
Inspector's Signature National Board, Province and Endorsements
Date September 04, 2003

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

ITEM 2-18-1004

1. Owner Nuclear Management Company, LLC Date 8/26/03

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9612068 / 9700815

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

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
MS Safety Valve	Dresser	BM9483		RS-21-18		Removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MS Safety Valve	Dresser	BR06308		RS-21-18		Installed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MS Safety Valve	Dresser	BM9483		Spare		Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MS Safety Valve	Dresser	BM9485		RS-21-17		Removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MS Safety Valve	Dresser	BM9483		RS-21-17		Installed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MS Safety Valve	Dresser	BM9532		RS-21-20		Removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MS Safety Valve	Dresser	BM9534		RS-21-20		Installed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced MS safety valves and replaced disc in BM9483.

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

Other ☒ Pressure NOP psi Test Temp. NOT F

Other: Inservice leakage test per SP2596

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 2-18-1004

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 8/26/03
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 04SEP03 to 04SEP03, and state that to the best of my knowledge and belief, the Owner 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 September 04, 2003

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

ITEM 2-18-1005

1. Owner Nuclear Management Company, LLC Date 8/26/03

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089

Address WO-9608992

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

Name Same Type Code Symbol Stamp N/A

Address RC Authorization N/A

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 None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 Pressurizer Safety Valve	Crosby	RRV-8010B		2RC-10-1		Removed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21 Pressurizer Safety Valve	Crosby	1RV-8010B		2RC-10-1		Installed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21 Pressurizer Safety Valve	Crosby	N57872-00-0002		2RC-10-2		Removed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21 Pressurizer Safety Valve	Crosby	2RV-8010A		2RC-10-2		Installed	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced valves with pretested spares.

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

Other ☐ Pressure 2235 psi Test Temp. 500 F

Other: Inservice leakage test per SP2596

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 2-18-1005

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 8/26/03
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 04 SEP 03 to 04 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 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date September 04, 2003

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

ITEM 2-18-1006

1. Owner Nuclear Management Company, LLC Date 8/26/03

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9608069

Address ABB-CE Repair Organization P.O. No., Job No., etc

3. Work Performed by Chattanooga, TN Type Code Symbol Stamp N/A

Name RC Authorization N/A

Address RC Expiration Date N/A

4. Identification of System RC Code Class 1

5. (a) Applicable Construction Code ASME III, 1965 Edition

Addenda W66 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 Steam Generator	Westinghouse	1181	68-39	234-011	1970	Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Installed welded tube plug

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 2-18-1006

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 8/26/03
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 04SEP03 to 04SEP03, and state that to the best of my knowledge and belief, the Owner 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 AND MN 21924
Inspector's Signature National Board, Province and Endorsements
Date Sept. 04, 2003

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

ITEM 2-18-1007

<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>ABB-CE</u></p> <p style="text-align: center;">Name</p> <p><u>Chattanooga, TN</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>, <u>1965</u> Edition</p> <p style="text-align: center;">Addenda <u>W66</u> 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>8/26/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>9700812</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>1</u></p>
---	---

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 Steam Generator	Westinghouse	1181	68-39	234-011	1970	Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Installed welded tubesheet plug

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 2-18-1007

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 8/26/03
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 04 SEP03 to 04 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 12025 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements

Date September 04, 2003

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

ITEM 2-18-1008

1. Owner Nuclear Management Company, LLC Date 8/26/03

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
ABB-CE 9700703

3. Work Performed by ABB-CE Repair Organization P.O. No., Job No., etc

Name
Chattanooga, TN Type Code Symbol Stamp N/A

Address
RC Authorization N/A

4. Identification of System RC Expiration Date N/A

Code Class 1

5. (a) Applicable Construction Code ASME III, 1965 Edition

Addenda W66 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
22 Steam Generator	Westinghouse	1182	68-40	234-012	1970	Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Installed welded tubesheet plug

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 2-18-1008

9. Remarks

CERTIFICATE OF COMPLIANCE

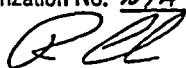
We certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date _____

Signed



ASME Program Engineer

Date

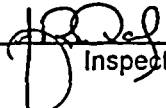
8/26/03

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 ASBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 04 SEP 03 to 04 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 17095 AWI MN 21924
National Board, Province and Endorsements

Date

September 04, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0001

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 U7243-SN-Q

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

3. Work Performed by Owner

Name Same Type Code Symbol Stamp N/A

Address SN Authorization N/A

Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-430	1969	Corrected	No

7. Description of Work Replaced piston, cylinder, and rod bushing.

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 work order 9912208

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 2-19-0001

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 8/27/03,
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 03 SEP03 to 03 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 11085 ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0002

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9612787

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

3. Work Performed by Owner _____

Name _____ Type Code Symbol Stamp N/A

Same _____ Authorization N/A

Address _____ Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-226	1969	Corrected	No

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 work order 9912160.

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 2-19-0002

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 8/27/03
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 HSBC of Hartford Conn have inspected the components described in this Owner's Report during the period 03 SEP03 to 03 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, PORS AW, MA 21924
Inspector's Signature National Board, Province and Endorsements

Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0003

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9600984

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
Expiration Date N/A
Code Class yes
4. Identification of System SN Code Class yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-241	1969	Corrected	No

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 work order 9912160.

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 2-19-0003

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 8/27/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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 SB 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0004

<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>, -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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>9612783</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>
--	---

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-74	1969	Corrected	No

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 work order 9912160.

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 2-19-0004

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

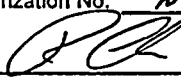
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



ASME Program Engineer

Date

8/27/03

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 03 SEP 03 to 03 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 ANI

MN 21924

National Board, Province and Endorsements

Date

September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0005

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9612789

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

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

Address SN Authorization N/A

Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-36	1969	Corrected	No

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 work order 9912160.

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

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

9. Remarks

ITEM 2-19-0005

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 8/27/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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 MD 21924
Inspector's Signature National Board, Province and Endorsements

Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0006

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9701274

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

Address _____ Code Class yes

4. Identification of System SN _____

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-161	1969	Corrected	No

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 work order 9912160.

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 2-19-0006

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 8/27/03
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 03S-P03 to 03S-P03, and state that to the best of my knowledge and belief, the Owner 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 AN1 MN 21924
Inspector's Signature National Board, Province and Endorsements

Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0007

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9600985

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 SN Expiration Date N/A

4. Identification of System Code Class yes

5. (a) Applicable Construction Code B31.1 1967 Edition 1989 With No Addenda

Addenda n/a Code Case n/a

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

(c) Applicable Section XI Code Cases None

6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-384	1969	Corrected	No

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 work order 9912160.

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 2-19-0007

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 8/27/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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, LOSS ANI MA 21924
Inspector's Signature National Board, Province and Endorsements
Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0008

1. Owner Nuclear Management Company, LLC Date 12/11/02
2. Plant Prairie Island Nuclear Generating Plant Sheet 1 of 2
1717 Wakonade Dr. E, Welch Minnesota 55089 U0750-SN-Q
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
SN Code Class yes
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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-83	1969	Corrected	No

7. Description of Work Replaced 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 work order 9912160.

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 2-19-0008

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 8/27/03
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 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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 MD 01924
Inspector's Signature National Board, Province and Endorsements

Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0009

<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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>U0751-SN-Q</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-431	1969	Corrected	No

7. Description of Work Replaced cylinder and 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 work order 9912160.

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 2-19-0009

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

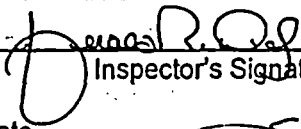
8/27/03

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 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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

September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0010

<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>, <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>12/11/02</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>U0746-SN-Q</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-41	1969	Corrected	No

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 work order 9912160.

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

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

9. Remarks

ITEM 2-19-0010

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 8/27/03
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 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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 1085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements

Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0011

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9701286

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 SN Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-119	1969	Corrected	No

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 work order 9912160.

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 2-19-0011

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

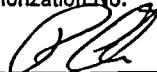
N/A

Certificate of Authorization No.

N/A

Expiration Date

Signed



, ASME Program Engineer

Date

8/27/03

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 03 SEP 03 to 03 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 17055 ANI

MIN 21924

National Board, Province and Endorsements

Date

September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0012

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9701302

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 SN Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-59	1969	Corrected	No

7. Description of Work Replaced 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 work order 9912160.

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 2-19-0012

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 8/27/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 03 SEP03 to 03 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 12085 ANI MN 21924
Inspector's Signature National Board, Province and Endorsements
Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0013

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9307214

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 SN Expiration Date N/A

4. Identification of System SN Code Class yes

5. (a) Applicable Construction Code B31.1 1967 Edition 1989 With No Addenda

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-462	1969	Corrected	No

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 work order 9912160.

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 2-19-0013

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 8/27/03
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 03 SEP03 to 03 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.

Inspector's Signature [Signature] Commissions NR 12085 ANI MN 21924
National Board, Province and Endorsements
Date September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0016

1. Owner Nuclear Management Company, LLC Date 12/11/02

Name

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

Name

1717 Wakonade Dr. E, Welch Minnesota 55089 9600992

Address

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

Name

Same Type Code Symbol Stamp N/A

Address

SN Authorization N/A

4. Identification of System SN Expiration Date N/A

Code Class

yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-305	1969	Corrected	No

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 work order 9912160.

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

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

9. Remarks

ITEM 2-19-0016

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 8/27/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 03 SEP03 to 03 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 JB 17095 ANI MS 0924
Inspector's Signature National Board, Province and Endorsements

Date September 02, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0017

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089

Address U7204-SN-Q

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

Name Same Type Code Symbol Stamp N/A

Address SN Authorization N/A

Expiration Date N/A

4. Identification of System SN Code Class yes

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-568	1969	Corrected	No

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 work order 9912160.

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

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

9. Remarks

ITEM 2-19-0017

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 8/27/03
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 03 SEP 03 to 03 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 [Signature] Commissions NB 17095 AWI mJ 21924
National Board, Province and Endorsements
Date Sept. 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0018

1. Owner Nuclear Management Company, LLC Date 12/11/02

Name _____

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

Name _____

1717 Wakonade Dr. E, Welch Minnesota 55089 9701273

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

Address _____ Code Class yes

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	Basic Engineers			PI-160	1969	Corrected	No

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 work order 9912160.

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 2-19-0018

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]
Owner or Owner's Designee, Title

ASME Program Engineer

Date

8/27/02

CERTIFICATE OF INSERVICE INSPECTION

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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 03 SEP03 to 03 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]
Inspector's Signature

Commissions

NB 12085 ANI MD 21924
National Board, Province and Endorsements

Date

September 03, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-0019

1. Owner Nuclear Management Company, LLC Date 12/11/02

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

Name
1717 Wakonade Dr. E, Welch Minnesota 55089

Address
9912186

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

Name
Same

Address
SN

4. Identification of System SN

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber	ITT Grinnell	PI-7923		2-RCRH-42	1969	Removed	No
Snubber	ITT Grinnell	PI-7698		2-RCRH-42	1969	Installed	No

7. Description of Work Replaced snubber with pre-tested spare of same model/manufacture.

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

Other ☒ Pressure psi Test Temp. F

Other: Snubber will be visually inspected (VT-3) after replacement.

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 2-19-0019

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 8/27/03,
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 03SEP03 to 03SEP03, and state that to the best of my knowledge and belief, the Owner 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 AWI MA 21924
Inspector's Signature National Board, Province and Endorsements

Date September 03, 2003

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

ITEM 2-19-1001

<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>Wyle Laboratories</u></p> <p style="text-align: center;">Name</p> <p><u>7800 Highway 20 West, P.O. Box 077777, Huntsville,</u></p> <p style="text-align: center;">Address</p> <p>4. Identification of System <u>MS</u></p> <p>5. (a) Applicable Construction Code <u>ASME III</u>, 1968 Edition</p> <p style="text-align: center;">Addenda <u>Summer</u> 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>9/5/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p>Wyle labs PO # <u>PL7235SQ</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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
Spare MS Safety Valve	Dresser	BM9537				Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spare MS Safety Valve	Dresser	BM9533				Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spare MS Safety Valve	Dresser	BM9480				Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced discs.

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Seat 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 2-19-1001

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 9/5/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 SEP 03 to 08 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 1205 ANI MAI 21924
Inspector's Signature National Board, Province and Endorsements
Date September 08, 2003

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

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

ITEM 2-19-1002

1. Owner Nuclear Management Company, LLC Date 8/29/03

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9810562

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 ASME III, 1968 Edition

Addenda Summer 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 S/G MS Safety Valve	Dresser	BM9487		RS-21-14		Removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21 S/G MS Safety Valve	Dresser	BM9533		RS-21-14		Installed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21 S/G MS Safety Valve	Dresser	BM9538		RS-21-15		Removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21 S/G MS Safety Valve	Dresser	BM9537		RS-21-15		Installed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Removed/Replaced Main Steam Safety Valves

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 2-19-1002

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 9/5/03
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 HSBC of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 SEPO3 to 08 SEPO3, and state that to the best of my knowledge and belief, the Owner 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 MAJ 2924
Inspector's Signature National Board, Province and Endorsements
Date September 08, 2003

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

ITEM 2-19-1003

1. Owner Nuclear Management Company, LLC Date 8/29/03

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

Name 1717 Wakonade Dr. E, Welch Minnesota 55089 9812609

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

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

Name Authorization N/A

Address Expiration Date N/A

4. Identification of System VC 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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
21 LTDN Orifice Isol. CV	Copes Vulcan	910-95001-156-27		CV-31348		Corrected	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<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: Inservice leakage test and post LLRT

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 2-19-1003

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 8/29/03
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 HSBCT of Hartford Conn. have inspected the components described in this Owner's Report during the period 08SEP03 to 18SEP03, and state that to the best of my knowledge and belief, the Owner 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 1095 ANI MN 21924
National Board, Province and Endorsements
Date September 08, 2003

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

ITEM 2-20-1001

<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>SG</u></p> <p>5. (a) Applicable Construction Code <u>ASME III</u></p> <p style="text-align: center;">Addenda <u>W66</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>8/29/03</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>0000150</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>1965 Edition</p> <p>Code Case</p>
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6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped	
							YES	NO
22 S/G	Westinghouse	1182	68-40	234-012	1970	Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced secondary manway covers

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

Other ☒ Pressure _____ psi Test Temp. _____ F

Other: Inservice 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 2-20-1001

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 8/29/03,
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 HSC7 of Hartford Conn. have inspected the components described in this Owner's Report during the period 08 SEP 03 to 08 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 [Signature] Commissions NB, BOSS ANI, MN 21924
National Board, Province and Endorsements
Date September 08, 2003