



Operated by Nuclear Management Company, LLC

August 25, 2003

L-MT-03-056 10 CFR Part 50 Section 50.55a

US Nuclear Regulatory Commission Attn: Document Control Desk Washington, D.C. 20555

MONTICELLO NUCLEAR GENERATING PLANT DOCKET 50-263 LICENSE No. DPR-22

SUMMARY REPORT FOR INSERVICE INSPECTIONS AND ASME SECTION XI REPAIRS AND REPLACEMENTS

Reference 1: NMC letter to NRC, "Change to Inservice Testing Program Plan and Inservice Inspection Examination Plan 10-Year Intervals," dated January 23, 2003

Pursuant to 10 CFR Part 50, Section 50.55a and IWA-6240 of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code 1995 Edition, with the 1996 Addenda, Nuclear Management Company, LLC (NMC) hereby submits the Summary Report for Inservice Inspections (ISI) and ASME Section XI Repairs and Replacements completed from December 16, 2001 to May 26, 2003. This period includes both the conclusion of the 3rd ISI Interval and the beginning of the 4th ISI Interval as described below.

The NMC extended the 3rd ISI Interval by one full year for Monticello Nuclear Generating Plant (MNGP) as permitted by ASME Code, Section XI, paragraph IWA-2430(d) of the 1986 Edition of the Code. The 3rd ISI Interval end date was May 31, 2003. Cycle 21 pressure testing and repair-replacement (R/R) activities were credited to the 3rd Period of the 3rd ISI Interval (Reference 1).

The 1st Period of the 4th ISI Interval for MNGP began on May 1, 2003 and overlaps the 3rd Interval as permitted by IWA-2430(d)(2) and (3) of the 1995 edition of the ASME Code with the 1996 addenda (Reference 1). Nondestructive (NDE) examinations were scheduled and conducted in accordance with the ISI Plan for the 4th ISI Interval. These NDE exams were credited to the 1st period of the 4th ISI Interval.

A047

Please contact John Fields, Senior Regulatory Affairs Engineer, at (763) 295-1663 if you require additional information.

Thomas J. Palmisano

Site Vice President, Monticello Nuclear Generating Plant Nuclear Management Company, LLC

Attachment 1 – Inservice Inspection Summary Report, Cycle No. 21 Refueling Outage

cc: Administrator, Region III, USNRC (2 copies of attachment)
Project Manager, Monticello, USNRC (1 copy of attachment)
Resident Inspector, Monticello, USNRC (1 copy of attachment)
Joel Amato, Chief Boiler Inspector, State of MN (1 copy of attachment)
Paul Fisher, Hartford Ins. (1 copy of attachment)

Attachment 1

NUCLEAR MANAGEMENT COMPANY, LLC MONTICELLO NUCLEAR GENERATING PLANT DOCKET 50-263

August 25, 2003

INSERVICE INSPECTION SUMMARY REPORT CYCLE NO. 21 REFUELING OUTAGE





Nuclear Management Company, LLC 700 1st Street Hudson, WI 54016 Xcel Energy, LLC 800 Nicollet Mall Minneapolis, MN 55402

INSERVICE INSPECTION SUMMARY REPORT

Monticello Nuclear Generating Plant 2807 West County Road 75 Monticello, MN 55362

Commercial Service Date: June 30, 1971

Cycle No. 21 Refueling Outage

Outage Dates: April 26, 2003 to May 26, 2003

Inservice Inspection Interval 3, Period 3 and Inservice Inspection Interval 4, Period 1

Prepared By:

Section XI ISI Coordinator

Reviewed By:

Site NDE Level II

Approved By:

Supervisor, MII

ANII

7 11 June

Report Date: August 8, 2003

TABLE OF CONTENTS

	SECTIONS	PAGES
I.	Summary 1.0 Introduction 2.0 Personnel 3.0 Examination Reports, Equipment, and Materials 4.0 Inspection Summary 5.0 Abbreviations	3
II.	Form NIS-1 Information	2
III.	Form NIS-2 Information	242
	APPENDICES	PAGES
A.	Class 1, 2, 3, and Non-Code Examinations (Sorted by Class, Category, and Item No.)	9
B.	Class 1, 2, 3, and Non-Code Examinations (Sorted by Class and Summary No.)	9
C.	System Pressure Test Examinations	1
D.	Reactor Vessel IVVI Examinations	5
E.	Snubber Functional Testing	1

I. Summary

Page 1 of 3

1.0 Introduction

This report encompasses all Inservice Inspection (ISI) activities that were performed during Cycle 21 of operation at the Monticello Nuclear Generating Plant (MNGP). Cycle 21 began immediately following the 20th refueling outage on December 16, 2001 that ended on December 15, 2001. This report also includes activities performed during the 21st refueling outage that began on April 26, 2003 and ended on May 26, 2003.

The MNGP site extended the 3rd Interval by one full year as permitted by American Society of Mechanical Engineers (ASME) Code, Section XI, paragraph IWA-2430(d) of the 1986 Edition of the Code. The 3rd Interval end date was May 31, 2003. Cycle 21 pressure testing and repair-replacement (R/R) activities were credited to the 3rd Period of the 3rd ISI Interval.

The 1st Period of the 4th ISI Interval began on May 1, 2003 and overlaps the 3rd Interval as permitted by IWA-2430(d)(2) and (3) of the 1995 edition of the Code with the 1996 addenda. NDE exams were scheduled and conducted in accordance with the ISI Plan for the 4th ISI Interval. These NDE exams were credited to the 1st period of the 4th ISI Interval.

2.0 Personnel

Visual and nondestructive examinations were performed by Nuclear Management Company (NMC), Lambert-MacGill-Thomas (LMT), and Framatome ANP. Hartford Steam Boiler - Connecticut (HSB-CT) provided the Authorized Inspection. Personnel certification records are maintained by NMC.

3.0 Examination Reports, Equipment and Materials

The examination reports listed in the attached appendices contain references to procedures, equipment, and materials used to complete specific examinations. Records of the reports and referenced information are maintained by NMC.

I. Summary (continued)

Page 2 of 3

4.0 Inspection Summary

The start of the 4th ISI interval marks the beginning of Risk-Informed ISI (RI-ISI) implementation at MNGP. In accordance with the 4th Interval ISI Plan, Class 1 and 2 piping welds were examined using methodologies applicable to RI-ISI. The remainder of the components and their supports were examined per the requirements set forth in ASME Section XI for the applicable interval.

Visual examinations of reactor vessel internal components (IVVI) were conducted to ensure the continued integrity of the RPV internals. Additionally, enhanced visual inspections (EVT-1) were performed per the recommendations set forth in BWRVIP-03.

Examinations performed during Cycle 21 are listed in the attached appendices. All of the examinations performed during Cycle 21 met the Code examination requirements.

Results of the Class 1, 2, 3, non-code commitment, augmented, and site requested examinations, noted conditions, and corrective actions are listed and summarized on the attached appendices. All listed anomalies were either corrected, or an engineering evaluation was performed to accept "as-is" conditions.

The Cycle 20 Summary Report indicated that hydrostatic tests for three systems remained and would be completed prior to the end of the 3rd ISI Interval. Those tests have been completed and are listed in the attached appendices.

As noted in the introduction, repair-replacement activities for Cycle 21 were performed to the requirements of the 3rd ISI Interval. A summary of the activities and copies of the NIS-2 forms are attached to this report. During Cycle 21, a nonconformance to the construction specification was identified regarding bolting that was replaced on reactor head piping flanges and reported in its NIS-2 attached to the Cycle 20 Summary Report. The NIS-2 for this repair-replacement activity has been amended, and is included with the NIS-2s in this Summary Report.

Results of the ISI activities indicate that the integrity of the plant systems has been maintained.

I. Summary (continued)

Page 3 of 3

5.0 List of Abbreviations

The Summary Report Examination Appendices contains several abbreviations identified below (System acronyms, plant component identifiers, and standard Section XI identifiers are not included in list):

B- = Bolt (plus number identifier)

CR = Condition Report

D = Downstream

GEO = Geometry / Geometric Reflector

H- = Hanger (plus number identifier)

ISO = ISI Isometric Drawing

LS = Longitudinal Seam

MOD = Modification

MT = Magnetic Particle Examination

NC = Non-Code Commitment Exam

NRI = No Reportable Indications

PM = Preventative Maintenance

PSI = Pre-Service Inspection

PT = Liquid Penetrant Examination

PEI = Program Engineering Instruction

RFO = Refueling Outage

RI = Reportable Indication

RPV = Reactor Pressure Vessel

R/R = Repair / Replacement

U&D = Upstream & Downstream

U = Upstream

UT = Ultrasonic Examination

V- = Valve (plus number identifier)

VT = Visual Examination

W- = Weld (plus number identifier)

WO = Work Order

Page 1 of 2

Form NIS-1 Owner's Data Report for Inservice Inspections As required by the Provisions of the ASME Code Rules

_						
1.	 Owner: Xcel Energy, LLC / Nuclear M Address: 800 Nicollet Mall, Mpls, MN 554 					
2.	Plant: Monticello Nuclear Generating Plant Address: Monticello, MN 55362					
3.	3. Plant Unit: 1 4. Owner (Certificate of Authorization): <u>N/A</u>				
5.	5. Commercial Service Date: 6/30/71 6.	. National Board No. for Unit: <u>N/A</u>				
7.	7. Components Inspected:					
Ap	Manufacturer or Instate Appurtenance or Instate Serial National Reactor Pressure Chicago Bridge B-469	Iller State or National No. Province No. Board No.				
	Vessel & Iron	,				
(Se	(See appendices for components inspected during	ng the cycle)				
8.	8. Examination Dates: 12/16/01 to 05/26/	<u>′03</u> .				
9.	Inspection Interval: 06/01/92 to 05/31/03. (3rd ISI Interval) 05/01/03 to 05/31/12. (4th ISI Interval)					
10.	Applicable Edition of Section XI: 1986 Addenda: (none) (3rd ISI Interval) 1995 Addenda: 1996 (4th ISI Interval)					
l 1.	Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.					
	• See appendices A through E (Attached)					
2.	Abstract of Conditions Noted.					
	• See appendices A through E (Attached)					
3.	3. Abstract of Corrective Measures Recomme	ended and Taken.				

• See appendices A through E (Attached)

II.	Form	NIS-1	Inform	nation
11.	T. OI III	1170-1		иашоп

Page 2 of 2

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.				
Certification of Authorization No. (if applicable)N/A Expiration I	Date N/A			
Date August \$ 20 03 Signed XCELENERSY NMC By Section XI	ISI Coordinator			

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARIFORD STEAM BOILER OF CONNECTICATO HAVE INSPECTOR OF HARIFORD, CT have inspected the components described in this Owner's Report during the period 12/16/21 to \$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 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.

Yant A Quelerli	Commissions NB 11863 AND	HN 004028-50
Inspector's Signature Endorsements	National Board, State	

Date <u>446457 8</u> 2003

Page 1 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2001-20-0160	WOs 0001618, 0109152, and 0202066	SS-21	Replace snubber valve manifold (s/n 160) and piston rod.
2001-20-0281	4280-03-PM	Main Steam SRV topworks, s/n 7	Welded repair of flange gouges made in process of cutting out bolting with torch
2001-20-0288	4280-03-PM (10/8/2001)	Main Steam SRV topworks, s/n 216	Machine SRV preload spacer flange
2001-20-0289	MOD 99Q255	Various, piping rerate	Piping design temperature rating change
2001-20-0290	WOs 0109307, and 0109272	Reactor head piping studs	Studs and nuts replaced. ** Cycle 20 R/R revised on 7/30/03. Resubmitted with Cycle 21 Summary Report
2001-20-0291	4280-03-PM (10/15/2001)	Main Steam SRV s/n 7	Machine preload spacer flange
2001-20-0292	WO 0108101	MO-2374	Reorient MO-2374 and reroute piping in steam chase
2001-20-0298	WO 0001613 and 4280-03-PM (10/31/2001)	Main Steam SRV topworks, s/n 7	Machine preload spacer flange
2001-20-0302	WO 0109337 and 0202136	P-111A	Replace 11 EDG-ESW pump with rebuilt spare, plus replacement of flange bolting.
2001-21-0339	WO 0109254 ·	RHRSW spare pump	Rebuild RHRSW pump and place into spares, s/n 2265
2002-20-0340	WO 0200325	MO-2076	Replace valve disc assembly
2002-21-0343	WO 0202156	P-111B	Replace discharge flange bolts with studs EDG-ESW pump P-111B
2002-21-0346	WO 0201870	RHRSW Pump #12	Replace RHRSW Pump #12 with rebuilt spare
2002-21-0348	WO 0109175	TCV-4030B	Replace bolted valve plus one stud.
2002-21-0351	MOD 02Q195	Torus attached piping	Design temperature increase for Torus attached piping
2002-21-0352	WO 0201582	ESW	Improper pipe alignment on V-EAC- 14B discharge - realign pipe

Page 2 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2002-21-0354	WO 0204516	AO-2541B	Replacing bonnet, stem and gate for valve
2002-21-0355	WO 0203466	AI-571	Design change 02Q145 - Install new check valve with better seat leakage performance
2002-21-0356	WO 0202066	Spare 3 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 002A
2002-21-0357	WO 0202066	Spare 3 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 004A
2002-21-0358	WO 0202066	Spare 3 KIP snubber	Rebuild for '03 outage prep - Replace reservoir & cylinder tube s/n 482
2002-21-0359	WO 0202066	Spare 3 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 483
2002-21-0360	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 515
2002-21-0361	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube, piston rod & manifold s/n 017
2002-21-0362	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 526
2002-21-0363	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 513
2002-21-0364	N/A	CRD Scram	Rerate design temp and pressure on insert and withdraw lines.
2002-21-0365	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 170
2002-21-0366	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 026
2002-21-0367	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube and manifold s/n 007
2002-21-0368	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 002
2002-21-0369	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder and accumulator tube and manifold s/n 030

Page 3 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2002-21-0370	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 031
2002-21-0371	WO 0202066	Spare 10 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 514
2002-21-0372	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 104
2002-21-0373	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 113
2002-21-0374	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube and manifold s/n 110
2002-21-0375	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace reservoir tube and manifold s/n 114
2002-21-0376	WO 0202267	RV-1745	Replacement of relief valve
2002-21-0377	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 019A
2002-21-0378	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube and manifold s/n 107
2002-21-0379	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace piston rod and manifold s/n 108
2002-21-0380	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 122
2002-21-0381	WO 0202066	Spare 20 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 123
2002-21-0382	WO 0202066	Spare 30 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 051
2002-21-0383	WO 0202066	Spare 30 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube and manifold s/n 100
2002-21-0384	WO 0202066	Spare 30 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube and manifold s/n 141
2002-21-0385	WO 0202066	Spare 30 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 521
2002-21-0386	WO 0201002	Main Steam SRV	Replace main stage disc on SRV main stage assembly
2002-21-0387	WO 0201116	XP-11-14A #11 SBLC Squib Valve	Replace squib valve

Page 4 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2002-21-0388	WO 0201116	XP-11-14B #12 SBLC Squib Valve	Replace squib valve
2002-21-0390	WO 0204412	CRDs	Exchange incore drives with refurbished spare drives
2003-21-0391	WO 0202066	Spare 130 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 179
2003-21-0392	WO 0202066	Spare 70 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube and manifold s/n 199
2003-21-0393	WOs 0200934 and 0305899	PSD-2089/2090	Replace bolts to achieve full thread engagement
2003-21-0394	WO 0202066	Spare 3 KIP snubber	Rebuild for '03 outage prep - Replace manifold s/n 003A
2003-21-0395	WO 0202268	Core Spray B, #12 Pump, RV-1746	Replace RV-1746 with rebuilt spare from stock; s/n N89658-00-0001 (replaced), s/n N89658-00-002 (replacement)
2003-21-0397	WO 0200996 (4280-03-PM)	Spare SRV topworks s/n 194	Replace Bellows, add weld metal (flange) to bellows & seal weld bellows to topworks body for spare Main Steam SRV Topworks 194. Replace s/n 131 with s/n 1
2003-21-0398	WO 0305955	MSIV AO-2-80C	MSIV AO-2-80C (new Disc and Stem Assembly) Assemble new Disc/Stem which requires welding
2003-21-0399	WO 0202027	SS-18B	Snubber changeout for Seal Life Program. Replace s/n 003 with s/n 026
2003-21-0400	WO 0202028	SS-25	Snubber changeout for Seal Life Program. Replace s/n 155 with s/n 029
2003-21-0401	WO 0202029	SS-1	Snubber changeout for Seal Life Program. Replace s/n 525 with s/n 514
2003-21-0402	WO 0202030	SS-187	Snubber changeout for Seal Life Program. Replace s/n 202 with s/n 007
2003-21-0403	WO 0202031	SS-31	Snubber changeout for Seal Life Program. Replace s/n 167 with s/n 170
2003-21-0404	WO 0202036	SS-6BR	Snubber changeout for Seal Life Program. Replace s/n 120 with s/n 104

Page 5 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2003-21-0405	WO 0202041	SS-2	Snubber changeout for Seal Life Program. Replace s/n 021 with s/n 141
2003-21-0406	WO 0202042	SS-22	Snubber changeout for Seal Life Program. Replace s/n 529 with s/n 017
2003-21-0407	WO 0202043	SS-4AR-B	Snubber changeout for Seal Life Program. Replace s/n 006 with s/n 545
2003-21-0408	WO 0202044 ⁻	SS-4BR-B	Snubber changeout for Seal Life Program. Replace s/n 102 with s/n 100
2003-21-0409	WO 0202046	SS-2BR	Snubber changeout for Seal Life Program. Replace s/n 146 with s/n 521
2003-21-0410	WO 0202047	SS-4BR-A	Snubber changeout for Seal Life Program. Replace s/n 049 with s/n 546
2003-21-0411	WO 0202054	SS-211	Snubber changeout for Seal Life Program. Replace s/n 531 with s/n 483
2003-21-0412	WO 0202045	SS7-BR	Snubber changeout for Seal Life Program. Replace s/n 022 with s/n 544
2003-21-0413	WO 0200989	RV-2-71A	Replace pilot stage assembly with refurbished assembly
2003-21-0414	WO 0200991	RV-2-71B	Replace pilot stage assembly with refurbished assembly
2003-21-0415	WO 0200997	RV-2-71E	Replace pilot stage assembly with refurbished assembly
2003-21-0416	WO 0200999	Spare SRV s/n 123	Replace 2nd Stage Seat Disc s/n 56 with s/n 121
2003-21-0417	WO 0201000	RV-2-71G	Replace pilot stage assembly with refurbished assembly
2003-21-0418	WO 0201001	RV-2-71G	Replace main stage disc
2003-21-0419	WO 0200992	RV-2-71B	Replace main stage disc
2003-21-0420	WO 0200996 (4280-03-PM)	Spare SRV s/n 194	Replace Preload Spacer s/n V-194 with s/n 589 in spare topworks 194.
2003-21-0421	WO 0200996 (4280-03-PM)	Spare SRV s/n 194	Replace Pilot Disc s/n V-194 with s/n 328 in spare topworks 194.
2003-21-0422	WO 0305896	RV-1745	Replace disc seat insert on RV-1745 s/n N89658-00-0002.
2003-21-0423	WO 0200999 (4280-03-PM)	Spare SRV s/n 123	Replace 1 Topworks Actuator Stud

Page 6 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2003-21-0424	WO 0201004 (4280-03-PM)	Spare SRV s/n 119	Replace 4 Topworks Actuator Studs
2003-21-0425	WO 0202066	Spare 130 KIP snubber	Rebuild for '03 outage prep - Replace cylinder tube s/n 183
2003-21-0427	WO 0200351 and 0204310	AO-2-86C	Replace Seat Ring
2003-21-0429	N/A	HPCI Cooling Water	Rerate design pressure of cooling water lines to 100 psig
2003-21-0430	WOs 0307565, 0307747, and MOD 02Q295	N6A & Head Spray Piping	Remove Rx Head Spray and modify associated piping
2003-21-0431	WO 0203827 and 0203829	#12 Recirc Pump (P-200B)	Replace stuffing box cover on #12 Recirc Pump
2003-21-0432	WO 0203826 and 0203829	#11 Recirc Pump (P-200A)	Replace stuffing box cover on #11 Recirc Pump
2003-21-0433	WO 0203983	#11 EDG ESW HX flange studs	Replace studs with longer ones - also replace all nuts
2003-21-0434	WO 0205093	#12 EDG ESW HX flange studs	Replace studs with longer ones - also replace all nuts
2003-21-0435	WO 0203982	ESW-60-2 Flange Studs	Replace studs with longer ones
2003-21-0436	WO 0205163	Core Spray, RO-1743	Replace studs with longer ones
2003-21-0437	WO 0205164	Core Spray, RO-1744	Replace studs with longer ones
2003-21-0438	WO 0204412	CRD Cap Screws	Replace Cap Screws for CRDs listed on WO 0204412
2003-21-0439	WO 0202049	SS-315-1	Snubber s/n 201 changed out with rebuilt spare s/n 199
2003-21-0440	WO 0308084	RPV Head Vent	Studs and nuts for Reactor Head Vent Flanges
2003-21-0441	WO 0202066	Spare 70 KIP snubber	Replace manifold and main cylinder tube for snubber s/n 201
2003-21-0443	WO 0200644	ESW-1-2	Replace Studs & Nuts on ESW-1-2 check valve

Page 7 of 7

R/R Item Number	WO, MOD, PM	Component or System	Work Description
2003-21-0444	WO 0200351 . and 0204310	AO2-86C	Replace Studs and Nuts
2003-21-0445	WO 0200997	RV-2-71E	Replace six topworks to main body flange bolts and nuts
2003-21-0446	WO 0306070	MO-2075	Replace one bonnet stud and nut
2003-21-0447	WO 0308101 and 0308266	MO-2035	Replace 5 bonnet studs and 2 nuts
2003-21-0448	WO 0306112 and 0308266	MO-2373	Replace 1 bonnet Stud and 2 nuts
2003-21-0449	WO 0200991	RV-2-71B	Replace 6 Actuator Mounting Nuts due to loss of originals
2003-21-0450	WO 0200992	RV-2-71G	Replace 6 Actuator Mounting Nuts due to loss of originals
2003-21-0451	WO 0308220	XP-6 & XP-7	Remove Bonnet Seal Weld and Reweld after internals inspection due to leakage past discs
2003-21-0452	WO 0200351 and 0204310	AO-2-86A	Replacement of downstream disc
2003-21-0455	WO 0203461	RV-2056	Replace 4 flange studs and 8 nuts
2003-21-0456	WOs 0308084 and 0308458	RV Head Vent	Replace 8 studs and 16 nuts due to damage during removal
2003-21-0457	WO 0203460	RV-4281 on RHR HXR (shell-side)	Replace 8 bolts and 8 nuts with 8 studs and 16 nuts due to damage during removal
2003-21-0458	WO 0308388 and 0308566	MO-2075	Replacement for 2 discs. *Only downstream disc is pressure retaining
2003-21-0459	WO 0308559	MSH-3B	Welding repair on a 2" X 2" X 1/4" angle that was found broken off. The angle is not Section XI, but the weld to the Main Steam Clamp on MSH-3B is Section XI.
2003-21-0460	WO 0308499 and 0308606	AO-2-80A	Replacement of Studs and Nuts, MT used in lieu of the VT-1 IAW IWB-2200(b)
2003-21-0461	WO 0308742	RV-2-71G	Replace pilot stage assembly with refurbished assembly

- III. Form NIS-2 Information
 - 2.0 NIS-2 Forms

NIS-2 Forms

to follow

(242 pages)

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 23 \$10/03

•					HEM	2001-20-	0760		
		address all items						am, see	·
8-	1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each s		nd (3) e	each
1. Owner	Xcel Energy C	Company		Date 7	7/18/2003	•			
•		Name							
2. Plant	Monticello Nu	clear Generatir	g Plant	Sheet 1		c	of <u>3</u>		
		Name						_	•
2807 W. Cnf		nticello, Minnes	ota 55362			<u>109152, 02</u>			
•	Ac	dress		Repair	Organiza	tion P.O. N	10., Jo	ob No.	etc.
3. Work Pe	rformed By 🗡	(cel Energy Co		• • • •	•	I Stamp	N/A		
		Company		Authoriza		N/A			
2807 W		onticello, MN 5	55362	_ Expiration	n Date	N/A			
	· Ac	ldress							
4. Identifica	ition of System	Spare - 10 K	ip Snubber	·					·
	·		· 						
5. (a) Applic	able Constructi	on Code AN	SI B31.1	-		1967 Year		E	dition
Adder	nda <i>None</i>		· .	Code	Case _	N/A			
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986			
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents			:
								AS	
	N1	345 - 65 - 1		Other	V	Repaire			de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced Replaced		Stan YES	NO
	Bergen	160	N/A	N/A	2001				N N
Manifold	Patterson			IVA		Replace			
Manifold	Bergen Patterson	160	N/A	N/A	2003	Replacen	nent		\boxtimes
Piston Rod	Bergen Patterson	160	N/A	N/A	2001	Replace	ed		\boxtimes
Piston Rod	Bergen Patterson	160	N/A	N/A	2003	Replacen	nent		Ø
Piston Nut	Bergen Patterson	160	N/A	N/A	2001	Replace	ed		Ø
7. Description		nubber Rebuild							
8. Tests Cor	nducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operatin	g Pre	ssure	
•	Oth	ner 🗌	Pressure		psi	Test Terr	1p _		_ °F

Page 2 of 3

WO No. <u>WO #0001618, 0109152, 0202066</u> ITEM <u>2001-20-0160</u>

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Identification Built or Replacement		ASMI Code Stam		
Piston Nut	Bergen Patterson	160	N/A	N/A	2003	Replacement	Yes	No X
				·				
					·			
				·	- '			
······································								,
								<u> </u>

MONTICELL	O NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 3 of 23 286

		ITEM 2001-20-0160
9.	Remarks (Applicable Manufacturer's Data Reports	to be Attached)
	Snubber failed drag test. Piston rod was 1/2" too long. See C	CR 20015711, APR 20015759.
	_Functional test per 0251, VT-3 to be completed when installed	1
	CERTIFICATE OF COMPLIANC	E
ľ	We certify that the statements made in the report are correct and this	repair/replacement
	conforms to the rules on the ASME Code, Section XI.	repair/replacement
	1	
		Date 8/8 2005
	Owner or Owner's Designee, Title	
	CERTIFICATE OF INCERVICE INCRE	CTION
	CERTIFICATE OF INSERVICE INSPE	CHON
	, the undersigned, holding a valid commission issued by the Nationa nspectors and the State or Province of <u> </u>	
	HATFORD STEAM BOILER OF CONVECTIONOS HART	have have
_	nspected the components described in this Owner's Report during the でんとうしまった。 and state that to the best of my knowledge	
	examinations and taken corrective measures described in this Ow equirements of the ASME Code, Section XI.	
	By signing this certificate neither the Inspector nor his employer make oncerning the examinations and corrective measure described in the	
1	he Inspector nor his employer SHALL be liable in any manner for any	
•	loss of any kind arising from or connected with this inspection.	
	Commissions AR I	1867 ANI HN004028-00
		l Board, Province and Endorsements
	Date <u>August</u> 8 . 2063	

MONTICEL	LO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2001-20-0281		
						eplacement progr further guidance		
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Owner Xcel Energy Company				0/02/200	1		
2. Plant	Monticello Nu	Name clear Generatir	a Plant	Sheet 1		of 2		
Z. Flain	MOUTING IN	Name	ig i iaiit			01 _2		
2807 W. Cn	ty. Rd. 75, Mor		ota 55362	WO 4286		Ham D.O. Na. 1	-b N1-	-1-
Address			•	•	tion P.O. No., J	OD NO.	eic.	
3. Work Performed By NMC Company Name			I ype Cod Authoriza	-	l Stamp <u>NA</u> NA			
2807 W	. Cnty. Rd. 75	• •		Expiration		****		
	Ac	ldress						
4. Identifica	tion of System	Main Steam	Safety/ Reli	ef Valve Topw	orks Seri	ial No.7		
E (a) Amalia	abla Canatayati	on Codo AS	ME Contina			1065	E	dition
5. (a) Applic	able Constructi	on Code AS	VIE Section	111		1965 Year	=	aition
Adder	nda <i>NA</i>		· ····	Code	Case _	NA		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986 Edition		
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
						Descised		ME de
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Stan	nped
Component Relief/	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
valve(spare)	Target Rock	NV/7	-		1967	Repaired		\boxtimes
			•					
		,						
7. Description	on of Work M	/eld repair gou	ges on flang	e.		·		
8. Tests Co		drostatic 🔲	Pneun		Nomina	al Operating Pro	essure	
	Ot	her 🗌	Pressure	NA	psi	Test Temp _	NA	− °F

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page X of 2 ITEM 2001-20-0281 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Specification GE Spec. No 21A1060. Four gouges on the surface of the SRV topworks flange around four bolt holes. They were created as a result of invertent base metal removal by welding torch which was used to cut off galled topworks flange bolts \$ CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOIT and employed by $\mathcal{H}\mathcal{S}\mathcal{B}$ of <u>CI</u> $3/r/\sigma 2$ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 WR 1/863 A, W. I 14 N 00 40 28-Co National Board, Province and Endorsements

, 2002

Date MARCH 5

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

								
					ITEM	2001-20-0288	3	
						eplacement progr further guidance		
8-	NOTE 2: Supplemental sheets in form of lists, sketches, or drawin 8-1/2 in x 11 in, (2) information in items 1 through 6 on this sheet is numbered and the number of sheets is recorded				is include	d on each sheet,		each
1. Owner	Xcel Energy C		··-	Date <u>1</u>	0/08/200	11	- -	
2. Plant				Sheet		of <u>2</u>		
2807 W. Cn	Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362			4280-03	PM(10/08	3/2001)		
	Address					tion P.O. No., J	ob No.	etc.
3. Work Performed By NSP						l Stamp <u>NA</u>	· .	
	Company Name			Authoriza				
2807 W	2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA Address							
			e 1 em 11					
4. Identifica	ition of System	Main steam	safety/Relie	r valve.	* 1			
5. (a) Applic	able Construct	ion Code <i>GE</i>	Spec. # 21.	A9206		NA Year	E	dition
Adder	nda <u>NA</u>			Code	Case _			
(b) Applic	able Edition of	Section XI Utili	zed for Rep	airs or Replace	ement	1986		
	tion of Compor		·	·	_			
							AS	ME
Nome of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de
Name of Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	20
SRV-216	Target Rock	NA	N/A	NV/216	1969	Repaired		\boxtimes
7. Description	on of Work M	achine preload	spacer flan	ge.				
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pro	essure	
	Other Pressure NA psi Test Temp NA °F							

MONTICELLO NUCLEAR GENERATING PLANT

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR

Revision

i		KEI EAGEMENTO - TOKIN NIO-2	rage of UI 2
<u></u>			2 om
		ITEM <u>2001-2</u>	0-0288
9.	Rema	rks (Applicable Manufacturer's Data Reports to be Attached)	
	No p	reservice examination was performed per IWA- 2500. No Pressure testing	per IWA-4400
	_since	the weld repairs donot penetrate through the pressure boundary	777.12
			÷
,		CERTIFICATE OF COMPLIANCE	
	We certi	fy that the statements made in the report are correct and this Rebaut	
	conform	s to the rules on the ASME Code, Section XI. fepair/rep	placement
	Signed	Luli Fight See XI coordinated Date 3-4- Owner or Owner's Designee, Title	200.2
			Į.
		CERTIFICATE OF INSERVICE INSPECTION	
		dersigned, holding a valid commission issued by the National Board of Boiler and rs and the State or Province of MINNESSIN and ALSE	d Pressure Vessel nd employed by have
•		d the components described in this Owner's Report during the period 10/8/0	
	examina	tions and taken corrective measures described in this Owner's Report in acceptants of the ASME Code, Section XI.	
•	concerni the Inspe	ng this certificate neither the Inspector nor his employer makes any warranty, exp ng the examinations and corrective measure described in the Owner's Report. Fu ector nor his employer SHALL be liable in any manner for any personal injury of p any kind arising from or connected with this inspection.	urthermore, neither
		Inspector's Signature Commissions No. 11863 1, N. J. 42 National Board, Province ar	<u> </u>
	Date	MARCH J. 2002	

MONTICELL	O NUCLEAR GENERATING PLANT	3613
TITLE: OWNER'S REPORT FOR REPAIRS OF		Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 23 This

ITEM _ 200	01-20-0289								
NOTE 1: This form may not address all items needed for documentation of a repair/replace 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for furth									
	8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each								
1. Owner Xcel Energy Company Date 02/01/2002									
Name 2. Plant Monticello Nuclear Generating Plant Sheet 1	of 3								
Name		•							
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 99Q255 Address Repair Organization F	PO No Joh No etc								
3. Work Performed By NSP Type Code Symbol Star		·•							
Company Name Authorization No. NA	·								
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA									
Address									
4. Identification of System <u>Main steam Supply, Class 1 & 2</u>									
5. (a) Applicable Construction Code ANSI B 31.1	67 Editio	าก							
Addenda NA Code Case NA	Year								
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986									
6. Identification of Components Repaired or Replaced and Replacement Compon									
	epaired, ASME								
Name of Name of Manufacturer National Other Year Re	placed or Stampe	$\overline{}$							
Class 1 &2 , NA NA NA 1969 Rer		<u>o</u>							
See page 3		-							
		ᅫ							
7. Description of Work Change design temp. to 540 F (Rerating).									
8. Tests Conducted: Hydrostatic Pneumatic Nominal Op	erating Pressure [

MONTICE	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 3 of 23 417/
		41102
•	ITEM <u>2001-</u>	20-0289
9. Remark	(Applicable Manufacturer's Data Reports to be Attached)	
- No pr	eservice examination, no Pressure testing and no IST were performed.	
	· · · · · · · · · · · · · · · · · · ·	· .
	CERTIFICATE OF COMPLIANCE	
	to the rules on the ASME Code, Section XI. repair/re	ment
conforms	to the rules on the ASME Code, Section XI.	placement
Signed	Owner or Owner's Designee, Title	, 2002
	CERTIFICATE OF INSERVICE INSPECTION	
	SERVINION TE OF INSERVICE INSI ESTICIA	
	ersigned, holding a valid commission issued by the National Board of Boiler as and the State or Province of	
MSB-Cion		and employed by have
	the components described in this Owner's Report during the period 2/4	
	ons and taken corrective measures described in this Owner's Report in ac	vner has performed
	ents of the ASME Code, Section XI.	ccordance with the
Dy signin	this portificate poither the Indicates are his ample or make any water to	
	g this certificate neither the Inspector nor his employer makes any warranty, ex g the examinations and corrective measure described in the Owner's Report. F	
the Inspe	ctor nor his employer SHALL be liable in any manner for any personal injury of	
a loss of a	any kind arising from or connected with this inspection.	
V	. 1	
	Inspector's Signature Commissions UB 1/863 AMJ M National Board, Province a	Maryozs-co
	inspector 5 digitation in inspector in inspe	ind Endorsements

17EH 2001-20-0289

The following piping sections will have their temperature ratings changed:

Line Number	Current	New	P&ID	Comments
(from – to)	Temp (°F)	Temp (°F)		
REW6-3"-DB	453	540		RWC discharge.
(RC-7-2 to FW5-4"-ED)			M-126	
and			2/04	02
(RC-7-1 to TW3-12"-ED)				
REW6-3"-DC vent, drain and test connections	570	540	M-128	Includes LT18-3/4"-DC, and V110-3/4"-DBD
FW2A-14"-ED	453	540	M-115	Also includes attached test,
(FW91-1 to FW98-1)				vent and drain connections.
FW2B-14"-ED	453	540	M-115	Also includes attached test,
(FW91-2 to FW98-2)				vent and drain connections.
TW3-12"-ED	453.	540	M-124	HPCI discharge piping
(FW2B-14"-ED to MO-				between the RWC discharge and feedwater
2068)				piping. Includes attached
				leak test connection.
FW5-4"-ED	453	540	M-126	RCIC discharge piping
(AO-13-22 to FW2A-				between the RWC discharge and feedwater
14"-ED				piping. Includes attached
[leak test connection.
REW6-1-1/2"-DB	453	540	M-128	RWCU discharge line
				leading to FW5-4"-ED

MONTIC	3613		
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4	
	REPLACEMENTS - FORM NIS-2	Page 1 of 2	

			٠.		ITEM	2001-20-0	290, Rev.	1
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.					e		
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy Company Date Rev. 1,7/30/2003 (Rev.0, 10/11/2001)					2001)		
2. Plant	Name Monticello Nuclear Generating Plant Sheet 1 of 2							
Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0308220, 0109272								
	Ad	ddress		Repair	Organiza	tion P.O. No	., Job No	etc.
3. Work Pe	erformed By _/	<i>ISP</i>		_ Type Cod	le Symbo	ol Stamp _n/	/a	
		Company		Authoriza				
2807 VI	V. Cnty. Rd. 75,	<i>Monticello, Mi</i> Idress	V 55362	_ Expiration	Date _	n/a		
A 11 -128 -				la a d				-
4. Identifica	ation of System	Reactor Hea	a Piping, Ci	iass 1		 		
5. (a) Applic	able Construct	ion Code _ <i>AN</i>	SI B31.1		<u> </u>	1977	E	dition
Adde	nda <i>Winter</i> 7	78		Code	Case	Year n/a		
(b) Applic	able Edition of	Section XI Utili	zed for Rep	airs or Replace	ement	1986. No Ac	idenda	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement								
Identification of Components Repaired or Replaced and Replacement Components								
						Repaired, Code		
Name of	Name of	Manufacturer	National	Other	Year	Replaced or Stamped		nped
Component Studs, A193	Manufacturer	Serial No.	Board No.	Identification	Built	Replaceme		NO.
GrB7(44)	n/a	n/a	n/a	n/a	1994	Replaced		\boxtimes
Studs, A193 GrB7(44)	n/a	n/a	n/a	n/a	2001	Replaceme	nt 🗆	×
Nuts, Nashers(88)	. n∕a	n/a	n/a	n/a	1994	Replaced		\boxtimes
Nuts, Washers(88)	n/a	. n/a	n/a	n/a	2001	Replaceme	nt 🗆	\boxtimes
. Description of Work Replace bolting on Reactor Head Piping								
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure								
Other Pressure 1000 psi Test Temp 230 °F								
087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:								
FOR ADMINISTRATIVE Resp Supv: PRGE Assoc Ref. PRGE SR: N Fred: 0 vrs								

MONTICELLO NUCLEAR GENERATING PLANT

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

Revision 4

Page 2 of 2

	ITEM <u>2001-20-0290, Rev. 1</u>
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Specs: NPD-M-38 (The Analysis of Piping & Piping Support Systems) & 5828-M-40 (Piping
	Materials, Classification, and Standards for MNGP). Bolting PSI per ISI WO 0109272. Pressure
	Testing per 0255-20-IIA-1 & 2 with Code Case N-498-1 NIS-2 generated due to CR 20010344
	(NOTE: Head Spray bolting did not fully comply with M-40, [CRs 03000721, 03001739, 03001757])
	CERTIFICATE OF COMPLIANCE
	Ve certify that the statements made in the report are correct and this onforms to the rules on the ASME Code, Section XI. repair/replacement
ţ	igned Date July 30, 2003 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
! <u>}</u> ii e	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel spectors and the State or Province of HIVENSOTA and employed by ARIFORD STRAM BOILER OF COMMISSION OF HARIFORD, CT have spected the components described in this Owner's Report during the period 10/11/01 to 7/30/03, and state that to the best of my knowledge and belief, the Owner has performed caminations and taken corrective measures described in this Owner's Report in accordance with the quirements of the ASME Code, Section XI.
c ti	y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, incerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or loss of any kind arising from or connected with this inspection.
	Inspector's Signature Commissions No 11663 A, N. J. H. N. 00 4028-00 National Board, Province and Endorsements
	Date <u> </u>



MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2001-20-0291	1						
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.													
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each					
1. Owner	Xcel Energy (Date <u>1</u>	0/15/200)1							
2. Plant	Monticello Nu	Name clear Generatir	a Plant	Sheet 1		of 2							
Z. Flant	Montice iio 14d	Name	y Flant	_ Oneet _/		01	.						
2807 W. Cr	nty. Rd. 75, Mo		ota 55362	4280-03									
	Ad	ddress		Repair (Organiza	tion P.O. No., J	ob No.	etc.					
3. Work P	erformed By	NSP			-	ol Stamp <u>NA</u>							
2807 1	W. Cnty. Rd. 75	Company Monticello Mi		Authoriza Expiration		<u>NA</u> NA							
2007 V		idress	1 00002	_ Lxpiration	Date _	N/A							
4. Identific	ation of System	Main steam	safetv/Relie	f valve.									
-			<u> </u>										
5. (a) Appli	cable Construct	ion Code <u>GE</u>	Spec. # 21.	49206		NA	E	dition					
्र Adde	enda <i>NA</i>			Code	Case	Year NA							
		Cartina VI I IIII	and for Don										
.,	cable Edition of	Section At Othic	•	(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986									
6. Identification of Components Repaired or Replaced and Replacement Components													
6. Identific	ation of Compor	nents Repaired	or Replace	d and Replace	ment Co	mponents							
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	<u> </u>	AS						
						Repaired,	1	de					
6. Identific Name of Component	Ation of Compor Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other	Year Built	<u> </u>	Co	de					
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de iped					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de iped NO					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO					
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No. <i>N/A</i>	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO					
Name of Component SRV-7	Name of Manufacturer Target Rock	Manufacturer Serial No. <i>NA</i>	National Board No. <i>N/A</i>	Other Identification NV/7	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO					
Name of Component SRV-7	Name of Manufacturer Target Rock	Manufacturer Serial No. NA	National Board No. N/A	Other Identification NV/7	Year Built 1969	Repaired, Replaced or Replacement Repaired	Stan YES	de nped NO					
Name of Component SRV-7	Name of Manufacturer Target Rock ion of Work Manufacturer	Manufacturer Serial No. <i>NA</i>	National Board No. <i>N/A</i>	Other Identification NV/7	Year Built 1969	Repaired, Replaced or Replacement	Stan YES	de nped NO					

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
	OWNER'S REPORT FOR REPAIRS OR	Revision 4
TITLE:	REPLACEMENTS - FORM NIS-2	
	REPLACEIVIENTS - FORIVI 1913-2	Page 3 of 2
		74/02
	ITEM _2001-2	20-0291
9. Rema	rks (Applicable Manufacturer's Data Reports to be Attached)	
No p	reservice examination was performed per IWA- 2500. No Pressure testing	per IWA-4400
_since	the weld repairs donot penetrate through the pressure boundary.	· · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE	
We ced	ify that the statements made in the report are correct and this	
		placement
	norul -	·
Signed	And the Dee XI Coordinated Date 3-4- Owner or Owner's Designee, Title	02,
	Owner or Owner's Designee, Title	
•		
	CERTIFICATE OF INSERVICE INSPECTION	
ما مطالب	descioned helding a valid commission issued by the National Deard of Boiles of	nd Draggues Vansal
	idersigned, holding a valid commission issued by the National Board of Boiler are and the State or Province of <u>FUNKFOTA</u> a	and employed by
MARTI	ERD STEAM BOILER OF CT	have
inspecte なして	d the components described in this Owner's Report during the period 10/13	
	itions and taken corrective measures described in this Owner's Report in ac	
	nents of the ASME Code, Section XI.	
Ry signi	ng this certificate neither the Inspector nor his employer makes any warranty, ex	pressed or implied
	ing the examinations and corrective measure described in the Owner's Report. F	-
	ector nor his employer SHALL be liable in any manner for any personal injury of p	property damage or
a loss of	any kind arising from or connected with this inspection.	• .
. 2		
10	Inspector's Signature Commissions VB 11563 1, V, J HV National Board, Province a	ou 40 21 - CO
	Hispector's Signature inational Board, Province a	HU EHUOISEHIERIS
Date	MARCH 5 , 2002	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613	
TITLE:	TITLE: OWNER'S REPORT FOR REPAIRS OR		
	REPLACEMENTS - FORM NIS-2	Page 1 of 2	

					ITEM	2001-20-0292		
NOTE 1: T	his form may not AWI-09.04.03 (AS	address all items ME SECTION XI I	needed for d	ocumentation of ACEMENT PRO	f a repair/r GRAM) for	eplacement progr further guidance	am, see	
8		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 7	/28/2003	}		
		Name			,			
2. Plant	Monticello Nu	clear Generatin Name	ig Plant	Sheet <u>1</u>		of <u>2</u>	· .	
2807 W. Cn	ty. Rd. 75, Mor		ota 55362	WO #01	08101			
		dress				tion P.O. No., J	ob No.	etc.
3 Work Pe	erformed By λ	cel Energy Co		Type Cod	le Symbo	ol Stamp N/A	•	
O. VOIKT		Company	Name	Authoriza	-	N/A		
2807 V	/. Cty Rd 75, M	onticello, MN 5	55362	Expiration	Date _	N/A		
-	Ac	ldress		-	_			
4. Identifica	ation of System	Main Steam	(MST), Clas	ss 1				
5. (a) Applio	able Constructi	on Code AN	SI B31.1		•	1977 Year	E	dition
Adde	nda <u>W</u> 78			Code	Case _			
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986		
6. Identifica	ation of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents		
							AS	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
PS15-3"-ED	Unknown	N/A	N/A	N/A	1967	Replace		\boxtimes
PS15-3"-ED	US Steel	N/A	N/A	N/A	2003	Replacement		X
				•				
	·							
7. Descripti	on of Work R	eorient MO-23	74 and repla	ce associated	piping			
8. Tests Co		drostatic	Pneun			al Operating Pre	essure	
	Oth	ner 🗌	Pressure		psi	Test Temp		- °F

MONTICE	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 3 of 2
·		2 ams
	ITEM _2001-2	20-0292
9. Remark	ks (Applicable Manufacturer's Data Reports to be Attached)	
Speci	fication: NPD-M-38 (The analysis of Piping & Piping Support Systems), 58	328-M-53.
_Prese	rvice exam performed in accordance with IWB-2200 per the Monticello ISI	Program Pressure
_Testin	ng per 0255-20-IIC-2 with invoked Code Case N-416-1	
	CERTIFICATE OF COMPLIANCE	
We certif	by that the statements made in the report are correct and this ${\it Leolae}$	e mew T
	s to the rules on the ASME Code, Section XI. repair/re	placement
Signed	Owner or Owner's Designee, Title	28 , 2003
	CERTIFICATE OF INSERVICE INSPECTION	
Inspector Inspector inspected 7/44 examinat	dersigned, holding a valid commission issued by the National Board of Boiler and the State or Province of אונגענוס (אַ בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן פּבּענוֹן בּבּענוֹן בּבּענוֹן פּבּענוֹן בּבּענוֹן בּבענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹין בּבּענוֹן בּבענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבּענוֹן בּבענוֹן בּבּענוֹן בּבענוֹן בבענוֹן בּבענוֹן בּבענוֹים בּבענוֹן בּבענוֹים בּבענוֹן בּבענוֹיים בּבענוֹן בּבענוֹים בּבענוֹים בּבענוֹן בּבענוֹים בבענוֹים בבע	nd employed by have to ner has performed
concerning the Inspe	ng this certificate neither the Inspector nor his employer makes any warranty, exp ng the examinations and corrective measure described in the Owner's Report. For actor nor his employer SHALL be liable in any manner for any personal injury of p any kind arising from or connected with this inspection.	urthermore, neither
Zu	Inspector's Signature Commissions VB 1/863 A, N, I HN National Board, Province a	oo yo LF.Co nd Endorsements
Date	JULY 28 , 2007	

TITLE: OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2 TIEM 2001-20-0298										
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance. NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x1 lin, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. Name	MONTICELLO NUCLEAR GENERATING PLANT 3613									
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance. NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 1. Owner Xcel Energy Company Name 2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Repair Organization P.O. No., Job No. etc. 3. Work Performed By NSP Tompany Name Authorization No. NA 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0001613,4280-03PM(10/31/2001) Repair Organization P.O. No., Job No. etc. 3. Work Performed By NSP Tompany Name Authorization No. NA 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Authorization Date NA Address 4. Identification of System Main steam safety/Reilief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Components Name of Name of Name of Manufacturer Serial No. Board No. Identification Built Repaired, Replaced or Stamped Component Manufacturer Serial No. Board No. Identification Built Repaired Replacement YES NO SRV-7 Target Rock NA NA NA NA NV/7 1969 Repaired Stamped Replacement YES NO SRV-7 Target Rock NA NA NA NA NV/7 1969 Repaired Stamped Napaired Stamped Replacement YES NO	\ I	OWNER'S REPORT FOR REPAIRS OR								
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance. NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 1. Owner Xcel Energy Company Name 2. Plant Monticello Nuclear Generating Plant Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address 3. Work Performed By NSP Company Name 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address 4. Identification of System Main steam safety/Relief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 Address 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial No. Board No. Identification Built Replaced or Replaced Pick No. Script No. No. No. No. Script No. Script No. Script No. Script No. No. No. No. Script No. Script No. Script No. No. No. No. Script No. Script No. No. No. No. Script No. Script No. No. No. No. No. No. Script No. Script No. No. No. No. No. No. No. No. Script No. Script No. No. No. No. No. No. No. No. No. Script No.		REPLACEN	IENTS - F	ORM NIS-	2	Page	1 of 2			
AWI-09.04.03 (ASME SECTION XI REPAIRIREPLACEMENT PROGRAM) for further guidance. NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in. (2) information in items of bon this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 1. Owner	ITEM 2001-20-0298									
Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 1. Owner Xcel Energy Company Name		t address all items	s needed for d	ocumentation o	f a repair/r	eplacement progr	ram, see	·····		
Name 2. Plant Monticello Nuclear Generating Plant Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address Repair Organization P.O. No., Job No. etc. 3. Work Performed By NSP Company Name 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address 4. Identification of System Main steam safety/Relief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 Addenda NA Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Name of Component Manufacturer Serial No. Board No. Identification Press Name of Component Manufacturer Serial No. Board No. Identification Repaired Replaced or Replaced or Replaced or Replacement Name of Component Manufacturer Serial No. Board No. Identification Repaired Replaced or Replacement Identification Repaired Replaced or Replacement Identification Repaired Replacement Technology Name of Component Manufacturer Serial No. Repaired Replaced or Replacement Identification Replacement Technology Name of Name of Manufacturer Serial No. Repaired Replaced or Replacement Identification Replacement Technology Name of Name of Manufacturer Serial No. Repaired Replaced or Replacement Identification Replacement Technology Name of Name of Name of Manufacturer Serial No. Repaired Identification Replacement Identification Iden	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each									
2. Plant Monticello Nuclear Generating Plant Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address Repair Organization P.O. No., Job No. etc. 3. Work Performed By NSP Type Code Symbol Stamp NA Authorization No. NA Expiration Date NA Edition Addenda NA Code Case NA Edition Section XI Utilized for Repairs or Replacement 1986 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial No. Board No. Identification Built Replaced or Replaced or Replaced or Replacement YES NO SRV-7 Target Rock NA N/A N/A NV/7 1969 Repaired Stamped Serial No. Serial No. NA N/A NV/7 1969 Repaired Stamped Serial No. Serial No. Serial No. Serial No. NA N/A NV/7 1969 Repaired Serial No. S	1. Owner Xcel Energy			_ Date _1	0/31/200)1				
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address Repair Organization P.O. No., Job No. etc. 3. Work Performed By NSP Company Name 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address 4. Identification of System Main steam safety/Relief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 Addenda NA Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Serial No. Board No. Identification Built Repaired Page Replaced Page Replaced Page Replacement Page Page Page Page Page Page Page Page	2. Plant Monticello Nu		ng Plant	Sheet		of _2) 			
Address Repair Organization P.O. No., Job No. etc. 3. Work Performed By NSP Tompany Name 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address 4. Identification of System Main steam safety/Relief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 NA Year Addenda NA Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement Description of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial No. Board No. Identification Built Replacement Tespischer VES NO SRV-7 Target Rock NA N/A N/A NV/7 1969 Repaired Serial No. In Identification Image No. In Identification Image No. Identification	2807 W. Cntv. Rd. 75, Mc		sota 55362	WO 000	1613,428	 30-03PM(10/31/	/2001)			
Company Name Authorization No. Expiration Date Address 4. Identification of System Main steam safety/Relief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 Addenda NA Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Serial No. SRV-7 Target Rock NA Authorization No. NA NA NA Expiration Date NA Code Case NA Code Case NA Repaired, Replaced or Replaced and Replacement Components ASME Code Replaced or Replaced or Replaced NA NA NV/7 1969 Repaired YES NO Code Case NA ASME Code Code Case NA NA NA NA NV/7 NA NV/7 NA NV/7 NA NV/7 NA Code Case NA ASME Code Code Replaced or Replaced or Replaced or Replaced or Replaced or Replaced or Code Code Stamped Code Code Code Code Code Code Code Co								etc.		
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Address 4. Identification of System Main steam safety/Relief valve. 5. (a) Applicable Construction Code GE Spec. # 21A9206 NA Edition Addenda NA Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Serial No. Board No. Identification Built Replaced or Replaced or Replaced or Replaced or Replaced or Replaced or Replacement Toleration SRV-7 Target Rock NA N/A NV/7 1969 Repaired Stamped SRV-7 Target Rock NA N/A NV/7 1969 Repaired SI NO	•	Company	Name	Authoriza	tion No.	NA				
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Addenda NA Code Case NA (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Manufacturer Serial No. SRV-7 Target Rock NA NA NVA NV7 1969 Repaired Page Repaired No. SRV-7 Target Rock NA NVA NV7 1969 Repaired Serial No. SRV-7 Target Rock NA NVA NV7 1969 Repaired Serial No. SRV-7 Target Rock NA NVA NVA NV7 SRV-7			safety/Relie	f valve.				·		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Name of Manufacturer Serial No. Serial No. Serial No. Serial No. National Serial No. National Serial No.	5. (a) Applicable Construct	tion Code <u>GE</u>	Spec. # 21.	A9206			E	dition		
6. Identification of Components Repaired or Replaced and Replacement Components Name of Component Name of Manufacturer Serial No. Name of Manufacturer Serial No. Name of Name of Component National Board No. Name of Manufacturer	Addenda NA	· ·		Code	Case _	NA				
Name of Component Name of Manufacturer Serial No. SRV-7 Target Rock NA N/A NV/7 1969 Repaired Properties No. SRV-7 Target Rock NA N/A NV/7 No. NAME Code Stamped Replaced or Replacement Properties No. NAME Code Stamped Replaced or Replacement Properties No. NAME Code Stamped Properties No. NAME Code Stamped Properties No. SRV-7 Target Rock NA N/A NV/7 1969 Repaired	(b) Applicable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986				
Name of Component Name of Manufacturer Serial No. National Board No. Other Identification Year Built Repaired, Replaced or Replaced or Replacement Code Stamped SRV-7 Target Rock NA N/A NV/7 1969 Repaired □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	6. Identification of Compo	nents Repaired	or Replaced	d and Replace	ment Co	mponents				
SRV-7 Target Rock NA N/A NV/7 1969 Repaired □ □ <	Name of Name of Manufacturer National Other Year Replac							ode nped		
								 		
								-		
7. Description of Work Machine preload spacer flange.	7 Description of Mark. A	lachine preloso	l spacer flan			<u> </u>	<u> </u>	L		

Pneumatic

psi

Pressure

Hydrostatic

Other \square

8. Tests Conducted:

Nominal Operating Pressure

Test Temp NA

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision TITLE: **REPLACEMENTS - FORM NIS-2** Page 3 of ITEM 2001-20-0298 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks No preservice examination was performed per IWA- 2500. No Pressure testing per IWA-4400 since the weld repairs donot penetrate through the pressure boundary. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Secx/ Corrdinatebate 3-4- 2002 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVNESOTA and employed by 145B 3 \$\int 2 \rightarrow and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. Tut A Ruleule: Commissions NO 11863 A, N, I MN 90 40 28-CO Inspector's Signature National Board, Province and Endorsements

Date FIARCH J

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 23 gard

					ITEM	2001-20-0302	•		
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
8-	· · · · · · · · · · · · · · · · · · ·								
1. Owner	Xcel Energy C	Company	·	Date _4	/15/02				
0 0 4	8.44! U - 8.1 .	Name	. DI4	Object 4	,				
2. Plant	Monticello Nu	clear Generatin Name	ig Plant	Sheet1		of <u>3</u>			
2807 W. Cn	ty. Rd. 75, Mor		ota 55362	WO #01	09337 an	d WO #020213	86		
		Idress		Repair	Organiza	tion P.O. No., J	ob No.	etc.	
3. Work Pe	erformed By	cel Energy Co.		Type Cod	le Symbo	Stamp N/A			
	7	Company		Authoriza	•				
2807 V	/. Cty. Rd. 75, I		55362	Expiration	Date _	N/A			
	Ac	ldress				· .			
4. Identifica	ation of System	P-111A, 11 I	ESW EDG E	mergency Se	rvice Wat	er		·	
5. (a) Applic	able Constructi	on Code AN	SI B31.1		1	1967 Year	E	dition	
Adde	nda <i>N/A</i>			Code	Case _				
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986			
6. Identifica	ation of Compor	ents Repaired	or Replaced	d and Replace	ment Cor	mponents			
·.							I .	ME	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Stan	de nped	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
P-111A Pumo	Johnston Pump	QD-6702	N/A	N/A	1992	Replaced		\boxtimes	
P-111A Pumo	Johnston Pump	QD-6703	N/A	N/A	1992	Replacement		⊠	
Bolts	Anchor Darling	Ht# 61883	N/A	N/A	2002	Replacement		\boxtimes	
Nuts	Nova Machine	Ht# B87035	N/A	N/A	2002	Replacement		\boxtimes	
	, , , , , , , , , , , , , , , , , , ,			·					
7. Descripti	on of Work R	eplace pump w	rith rebuilt sp	pare and Repla	ace disch	arge flange bol	ts and	nuts.	
•		drostatic	Pneun	natic	Nomina	al Operating Pr	essure	\boxtimes	
	Ot	her 🗌	Pressure	48	psi	Test Temp _	50.6	_ °F	

MONTICE	3613				
TITLE:	TITLE: OWNER'S REPORT FOR REPAIRS OR				
	REPLACEMENTS - FORM NIS-2	Page 2 of Z3am			

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:									
FOR ADMINISTRATIVE	Resp Supv:	PRGE	Assoc R	ef. PRGE	SR	N	Frea:	0	vrs
USE ONLY	ARMS: 36	513	Doc Type:	REF ONLY	Admin initials		Date:		

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 3 of Zamul

ITEM 2001-20-0302 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Specification: See PO # PD6273SQ. Preservice examination was performed per pressure testing and requirements of class 3 under PMT attachment to WO#0109337. Rebuilding of pump was performed under WO #0003131 IST was done per procedure 0255-11-III-1 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNER TA and employed by HSBCT MARTFUEL inspected the components described in this Owner's Report during the period _____ 6/16/102 6 10 102 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 WE 1/86 J A, NI KN 00-4028-CO

National Board, Province and Endorsements

JUNE 10 . 2007

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MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
<u> </u>	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0339	7	
	nis form may not AWI-09.04.03 (AS							
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner Xcel Energy Company Date 2/20/2002								
Name								
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>_1</u>	' 	of <u>_</u> 2	<u> </u>	···
2807 W. Cnt	ty. Rd. 75, Mor	Name nticello Minnes	ota 55362	WO 020	9254			
2007 11. 07		dress				tion P.O. No., J	ob No.	etc.
3 Work Pe	formed By	(cel Energy Co		Type Coc	le Symbo	l Stamp <i>n/a</i>		
J. 1701K1 J	.,	Company		Authoriza	_	n/a		
2807 W	⁷ . Cnty. Rd. 75,		55362	Expiration	n Date	n/a		
	Ac	idress						
4. Identifica	tion of System	RSW - RHF	Service Wa	ater, Class 1				
5. (a) Applic	able Constructi	on Code _AN	SI B31.1			1977	E	dition
ستاسات ا	ala lAlimbon di			Code		Year		
Adder	nda <u>Winter 1</u>	978		Code	Case _/	n/a	<u></u>	
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adde	nda	
6. Identifica	tion of Compor	ents Repaired	or Replaced	and Replace	ment Cor	mponents		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	1	ME de nped NO
Pump Bowl Castinas	Johnston	2265	· n/a	n/a	1979	Repaired		⊠ ï
Pump Bowls	Johnston	1, 2	. n/a	Ht. D4633, C-1757	2000	Replacement		Ø
Capscrews A-193 Gr B8	n/a	n/a	n/a	n/a	2001	Replaced		\boxtimes
Capscrews A-193 Gr B8	Nova / Johnston	n/a	ì n/a	n/a	02 / 00 / 88	Replacement		Ø
						·		
7. Description	on of Work R	ebuild and repa	air bowl asse	embly (spare)		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
8. Tests Cor	nducted: Hv	drostatic	Pneun	natic 🗍	Nomina	al Operating Pro	essure	
	Oth	_	Pressure		psi	Test Temp		°F
2007 (DOOL 9.45	·				•	-		
FOR ADMINIS	NT CHANGE, HO	D SUDV: PRGE	Associ			SR: N Fre	a: 0	
USE ON		MS 3613		REFONIY	L Admin ini			vrs

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

9. Remarks (Applicable Manufacturer's Data Reports to be Attached)

Specification: NPD-M-38 (The analysis of piping & piping support systems). 6453-M-212. Pressure testing will be parformed at installation under a different work order

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair's repair/replacement

Signed Source of Total State of Province of Total State of Prov

CERTIFICATE OF INSERVICE INSPECTION	
inspected the components described in this Owner's Report during the period 7/2 f/o3 and state that to the best of my knowledge and belief, the Oexaminations and taken corrective measures described in this Owner's Report in a requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, econcerning the examinations and corrective measure described in the Owner's Report.	and employed by have o /o 2 to where has performed accordance with the expressed or implied, Furthermore, neither
the Inspector nor his employer SHALL be liable in any manner for any personal injury of a loss of any kind arising from or connected with this inspection.	property damage or
Turt A Sulule: Commissions National Board, Province	
Date July 28 , 200 J	

MONTICE	MONTICELLO NUCLEAR GENERATING PLANT 3613							
TITLE:	OWNER'S REPORT FOR REPAIRS OR						ion 4	1
	REPLACEMENTS - FORM NIS-2						1 of 2	
ITEM _2002-20-0340								
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
8		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy (Date _(01/26/200	2		·
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	_ Sheet _1	1	of _2		
2807 W. Cn	ity. Rd. 75, Mo	Name	ota 55362	WO 020	0325 0	200328		•
2007 11. 01.		ddress	JOIG			tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By	NSP		_ Type Cod	de Symbo	Stamp NA		
		Company		Authoriza				
2807 V	V. Cnty. Rd. 75		N 55362	_ Expiration	n Date	NA		· .
	Ac	ddress						
4. Identifica	ation of System	E758A-3-2 F	lowserve V	alve, Class 1	·	·		
5. (a) Applic	cable Construct	ion Code <u>AS</u>	ME Section	<i>III</i>		1989 Year	E	dition
Adde	nda <u>NA</u>			Code	Case _			
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replac	ement _	1986		
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
						Repaired,		ME de
Name of	Name of	Manufacturer	National	Other	Year	Replaced or	Stan	nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
MO- 2076 Disc	Anchor Darling	7(Assembly)	NA	NA	2001	Replaced	×	
MO-2076,	Anchor	9(Assembly)	NA	NA	2002	Replacement		Ø

Pneumatic

Pressure /// psi

Hydrostatic

Other [

7. Description of Work Replacement of MO-2076 valve disc assembly.

Darling

8. Tests Conducted:

Nominal Operating Pressure

Test Temp NA °F

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2002-20-0340 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Specification: MPS-0418 No preservice as disc was replaced. No internal inspection required being less than 4" NPS_IST & Pressure testing per WO 0200325 & invoked Code Case N-498-1 for pressure testing. LLRT per 0137-7A (WD 0200378). System Inservice persone test was performed because of IWA-5214(e). CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. See x Coordinator Date 1-31. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MIUNESOFA _ and employed by LIART FULU, CT HSB CT inspected the components described in this Owner's Report during the period 1/26/02 1/31/02 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. Tuet A lulate: Commissions NB 11563 A, N, I MN 20 46 28-10 Inspector's Signature National Board, Province and Endorsements Date JANUARY 31

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					HEM	2002-21-0343	ſ	
	his form may not AWI-09.04.03 (AS							
8.	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,	: and (3) e	each
1. Owner	Xcel Energy C	Company	Date _7	7/17/2003	,			
		Name					-	
2. Plant	Monticello Nu	clear Generatin	ng Plant	_ Sheet _1	·	of _2		
000714/ 0-	L. Dd 75 Mae	Name	-4- 55262	WO 000	2456			
2807 VV. Ch	ty. Rd. 75, Mor Ad	dress	Ola 55302	WO 020 Repair		tion P.O. No., J	ob No	etc
3 Mark Da	erformed By			·	_	Stamp N/A		
J. WOIN FE	·	Company		_ Ype coc Authoriza	•			
2807 W	/. Cty Rd 75, M			Expiration		N/A		
2007 71		Idress	JOG02	- Expiration	. Pate _	14/74		
4 Jalandista			C	on Class 2				
4. Identifica	ition of System	P-111B, EU	G-ESVV Pull	ip Class 3				
5 (a) Applic	able Constructi	ion Code AN	SI B31 1			1967	E	dition
o. (a) Applic	able Collstidet	on code Aiv	31 D31.1	 	······································	Year		uillori
Adde	nda <u>N/A</u>			Code	Case _	N/A		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986		
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
							1	ME
				0.0	,,,,,,	Repaired,		de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
8 Studs	unknown	N/A	N/A	N/A	unkwn	Replaced		Ø
4 Studs	Nova	N/A	N/A	N/A	2003	Replacement		\boxtimes
	_		`-			<u> </u>		
4 Studs	unknown	N/A	· N/A	N/A	2003	Replacement		\boxtimes
16 Nuts	unknown	N/A	N/A	N/A	unkwn	Replaced		\boxtimes
16 Nuts	Dubose	N/A	N/A	N/A	2003	Replacement		\boxtimes
7. Descripti	on of Work R	eplace flange b	oolting					
8. Tests Co	nducted: Hy	drostatic [Pneun	natic 🗌	Nomina	al Operating Pro	essure	
	Otl	her 🗌	Pressure		psi	Test Temp _		_ °F

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

Page 2 of 2

		I	L ,
			2 mm 3/17
		ITEM <u>2002</u> -	21-0343
9.	Remar	rks (Applicable Manufacturer's Data Reports to be Attached)	
	SA-19	193, gr B7 stud bolts w/ A-194 gr 2H nuts will replace the currently installed	d 3/4" stud bolts and
	nuts	The replacement studs and 2H nuts are of known material of equal or gre	ater strength than
	_the_cu	currently installed studbolts and nuts	· · · · · · · · · · · · · · · · · · ·
		·	
		CERTIFICATE OF COMPLIANCE	
	14/	tife that the statements made in the second are second and this	+
•		tify that the statements made in the report are correct and this repair/repair/re	eplacement
			/
	Signed	Owner or Owner's Designee, Title Date 7	17 . 2003
			•
			6.
		CERTIFICATE OF INSERVICE INSPECTION	
		ndersigned, holding a valid commission issued by the National Board of Boiler a ors and the State or Province of <u>Mリゾレモンの下み</u>	nd Pressure Vessel and employed by
1	HA RTT	TORU STEAM MOLLER OF CONVECTION OF HARTFORD, CT ed the components described in this Owner's Report during the period 9/17	have
	7/17/	n/o] , and state that to the best of my knowledge and belief, the O	wner has performed
		ations and taken corrective measures described in this Owner's Report in a nents of the ASME Code, Section XI.	ccordance with the
	•		
		ing this certificate neither the Inspector nor his employer makes any warranty, ex ing the examinations and corrective measure described in the Owner's Report. If	
	•	ector nor his employer SHALL be liable in any manner for any personal injury of fany kind arising from or connected with this inspection.	property damage or
	a 1055 01	any kind arising norm of connected with this hispection.	
	2	Inspector's Signature Commissions NB 1/63, 1, W, I	<u> </u>
	Date	74 L7 17	
	•		

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•			ITEM	2002-21-0346	·	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C		· · ·	Date _7	7/29/2003	1.00	· ·	
O Dient	Mantinalla Niv	Name	a Dlast	· Charl d	,			
2. Plant	Monticello Nui	clear Generatin Name	ig Plant	_ ` Sheet <u>_1</u>		of <u>2</u>		
2807 W Cnt	y. Rd. 75, Mor		ota 55362	WO 020	1870			-
2007 77. 01.1		idress	00002			tion P.O. No., J	ob No.	etc.
3 Work Pe	rformed By $$ $$ $$	'cel Eneray Co		·	•	i Stamp <i>N/A</i>		
O. 110, KT 0		Company		Authoriza	_	N/A		
2807 W	. Cty Rd 75, M	onticello, MN 5	55362	Expiration	n Date	N/A		
-	Ac	ldress						
4. Identifica	tion of System	#12 RHRSW	/ Pump, Cla	ss 3				
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1977 .	E	dition
		<u>-,</u>			_ 	Year		
Adder	nda <i>Winter</i> 7	8		Code	Case _	N/A		· .
			zed for Rep		_			· .
(b) Applica	able Edition of tion of Compor	Section XI Utili:	·	airs or Replace	ement _	1986		
(b) Applica	able Edition of	Section XI Utili:	·	airs or Replace	ement _	1986	AS	ME
(b) Applica	able Edition of tion of Compor	Section XI Utilizents Repaired	or Replaced	airs or Replace	ement _	1986 mponents Repaired,	Co	ode .
(b) Applica 6. Identifica Name of	able Edition of tion of Compor	Section XI Utilizents Repaired Manufacturer	or Replaced	airs or Replace	ment Cor	nponents Repaired, Replaced or	Co Stan	ode nped
(b) Application (b) Application (b) Application (c) Applicatio	nable Edition of tion of Compor Name of Manufacturer Worthington /	Section XI Utilizents Repaired	or Replaced	airs or Replace	ement _	1986 mponents Repaired,	Co	ode .
(b) Applica 6. Identifica Name of Component Bowl assembly Bowl	Name of Manufacturer Worthington / Johnston Worthington /	Section XI Utilization Serial No.	or Replaced National Board No.	or Replace and Replace Other	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
(b) Application (b) Application (b) Application (c) Applicatio	Name of Manufacturer Worthington / Johnston	Section XI Utilization Sepaired Manufacturer Serial No. 2263	or Replaced National Board No. n/a	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement	Stan YES	nped NO
(b) Applica 6. Identifica Name of Component Bowl assembly Bowl	Name of Manufacturer Worthington / Johnston Worthington /	Section XI Utilization Sepaired Manufacturer Serial No. 2263	or Replaced National Board No. n/a	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
(b) Applica 6. Identifica Name of Component Bowl assembly Bowl	Name of Manufacturer Worthington / Johnston Worthington /	Section XI Utilization Sepaired Manufacturer Serial No. 2263	or Replaced National Board No. n/a	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
(b) Applica 6. Identifica Name of Component Bowl assembly Bowl	Name of Manufacturer Worthington / Johnston Worthington /	Section XI Utilization Sepaired Manufacturer Serial No. 2263	or Replaced National Board No. n/a	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
(b) Application (b) Application (b) Application (c) Applicatio	nable Edition of tion of Comportion of Comporting of Manufacturer Worthington / Johnston Worthington / Johnston	Section XI Utilization Sepaired Manufacturer Serial No. 2263	National Board No. n/a n/a	Other Identification	Year Built 1979 2002	nponents Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
(b) Application (b) Application (b) Application (c) Applicatio	Name of Manufacturer Worthington / Johnston Worthington / Johnston	Section XI Utilization Sepaired Manufacturer Serial No. 2263 2265	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1979 2002	nponents Repaired, Replaced or Replacement Replaced	Stan YES	nped NO

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0346 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Pump bowl assembly is being replaced with approved like-for-like spare which has been refurbished under WO# 0109254 Pressure Testing and IST performed per PMT attachment to work order. CERTIFICATE OF COMPLIANCE replacement We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement Doper Section XI ISI Coord Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA ___ and employed by HALLTOND STORM BOILER OF CUNHECTICUT OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 3777/02 7 /29 /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

5003

Commissions NB 11863 A, N. F MV 00 4028-CO

National Board, Province and Endorsements

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

JULY 29

Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0348)	
						eplacement progr further guidance		:
-8	1/2 in x 11 in, (2)		ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 7	7/28/2003	}		
		Name						
2. Plant	Monticello Nu	clear Generatir	ig Plant	Sheet _ <u>_1</u>	· ·	of <u>2</u>	· ·	
		Name			•			
2807 W. Cnt		nticello, Minnes	ota 55362			· · · · · · · · · · · · · · · · · · ·		
	Ad	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By	(cel Energy Co		_ Type Cod	le Symbo	ol Stamp N/A		
		Company	Name	Authoriza	tion No.	N/A		
2807 W	. Cty Rd 75, M	onticello, MN 3	55362	Expiration	n Date _	N/A		
	Ac	Idress						
4. Identifica	tion of System	ESW Emerg	ency Servic	e Water, Class	s 1			<u> </u>
5. (a) Applic	able Constructi	on Code _ <i>AN</i>	SI B31.1			1973	E	dition _.
					_	Year		
Adder	nda <i>Winter '7</i>	6		Code	Case	N/A		
					_			
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986		
. , , ,		Section XI Utili	•	•				
. , , ,			•	•			AS	ME
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	Co	de
6. Identifica	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	mponents Repaired, Replaced or	Co Stan	de nped
6. Identifica	tion of Compor Name of Manufacturer	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	Co	de
6. Identifica	tion of Compor	nents Repaired Manufacturer	or Replaced	Other Identification	ment Co	mponents Repaired, Replaced or	Co Stan	de nped
6. Identifica Name of Component	Name of Manufacturer Johnson /	nents Repaired Manufacturer Serial No.	or Replaced National Board No.	d and Replace Other Identification	ment Co Year Built	Repaired, Replaced or Replacement	Stan YES	nde nped NO
6. Identifica Name of Component Relief Valve	Name of Manufacturer Johnson / Penn Johnson /	Manufacturer Serial No.	National Board No.	Other Identification N/A Lot ID: 60-	Year Built 1983	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component Relief Valve Relief Valve	Name of Manufacturer Johnson / Penn Johnson / Penn	Manufacturer Serial No. N/A	National Board No. N/A	Other Identification N/A Lot ID: 60- 01704A	Year Built 1983 2002	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	NO
Name of Component Relief Valve Relief Valve Flange Stud	Name of Manufacturer Johnson / Penn Johnson / Penn unknown	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A	Other Identification N/A Lot ID: 60- 01704A unknown	Year Built 1983 2002 1983	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	ode nped NO S S S S S S S S S S S S S S S S S S
Name of Component Relief Valve Relief Valve Flange Stud Flange Stud	Name of Manufacturer Johnson / Penn Johnson / Penn unknown	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A N/A	Other Identification N/A Lot ID: 60- 01704A unknown Ht. 99694	Year Built 1983 2002 1983	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	ode nped NO S S S S S S S S S S S S S S S S S S
Name of Component Relief Valve Relief Valve Flange Stud Flange Stud	Name of Manufacturer Johnson / Penn Johnson / Penn unknown Nova	Manufacturer Serial No. N/A N/A N/A N/A	National Board No. N/A N/A N/A	Other Identification N/A Lot ID: 60- 01704A unknown Ht. 99694	Year Built 1983 2002 1983 1999	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	ode nped NO S S S S S S S S S S S S S S S S S S

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 42403

Page 3 of 2

	ITEM _2002-21-0348
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Replacement of TCV with like for like. Replace 1 Stud, reuse remainder of existing bolting.
٠	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replacement
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Toddsopre, Jection XI ISI Conductor Date July 28, 2003 Owner or Owner's Designee, Title
	Owner or Owner's Designee, True
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of <u>MINNERO TA</u> and employed by
	HARTFORD STEAM ROILER OF CONVECTIONS of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/31/02 to
	7/2 f /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.
	Lust A Aulach: Commissions NB 11863 A, NJ MW 00 402 8 - CO Inspector's Signature National Board, Province and Endorsements
	Inspector's Signature Commissions <u>NB 11863 A, NJ MW 00 402 8 - CO</u> National Board, Province and Endorsements
	Date JULY 18 2003
	Date

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 24 of L

					I I EIVI	2002-21-0351			
	This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner	Xcel Energy (Company		Date 8	3/5/2002				
		Name				<u> </u>			
2. Plant	Monticello Nu	clear Generatir	ng Plant	Sheet 1		of 4			
•		Name							
2807 W. Cn		nticello, Minnes	ota 55362	Project #					
	Ad	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.	
3. Work Pe	rformed By 😕	(cel Energy Co		Type Cod	le Symbo	ol Stamp N/A			
		Company	Name	Authoriza	tion No.	N/A			
2807 W	^r . Cty Rd 75, M	onticello, MN 5	55362	Expiration	Date _	N/A			
•	Ac	idress							
4. Identifica	tion of System	Torus Attach	ed Piping						
5. (a) Applic	able Construct	ion Code _AN	SI B31.1		1	1967 Year	E	dition	
Adder	nda <i>None</i>			Code	Case				
ailaaA (d)	able Edition of	Section XI Utiliz	zed for Repa	airs or Replace	 ement	1986			
				·					
6. Identifica	tion of Compor	nents Repaired	or Replaced	and Replace	ment Co	mponents			
							E .	ME	
				0.1		Repaired,	i	de	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO	
Component	iviana action	Cenarito.	Doald 110.	Identification	Built	replacement			
						,			
7. Description	7. Description of Work Raise design temperature from 195 deg F to 196.7 deg F. See attached page for the list of affected piping sections								
8. Tests Co.		drostatic	Pneun		Nomina	al Operating Pre	essure		
	•	her 🗌	Pressure	_	psi	Test Temp		°F	

MONTICE	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 2 of 24 and

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:									
FOR ADMINISTRATIVE	Resp Supv: PRGE	Assoc Ref. PRGE	SR: N	Frea: 0	vrs				
USE ONLY	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:					

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

ITEM 2002-21-0351 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Raise design temperature from 195 deg F to 196.7 deg F. No physical changes were made. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Section XI Continuatore ate CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of hwvesom ___ and employed by HSD-CT. of FURTFORD, CT inspected the components described in this Owner's Report during the period 8/5/02 f/9/02 ____, 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. Commissions NB 11863 1, N. J MW 004028-CO National Board, Province and Endorsements

Date AUGUST

NIS-2 Item # 2002-21-0351

Line Number	Current	New	P&ID	System	Line
(from – to)	Temp (°F)	Temp (°F)			Designation Table
TW23 (TW20 to X-39A)	195	196.7	M-120	RHR	ND-57651-11
TW24 (TW23 to MO-2009)	195	196.7	M-120	RHR	ND-57651-12
TW24 (MO-2009 to X-210A)	281*	196.7	M-120	RHR	ND-57651-12
TW25 (TW24 to X-211A)	195	196.7	M-120	RHR	ND-57651-12
TW33 (TW30 to X-39B)	195	196.7	M-121	RHR	ND-57651-13
TW34 (TW33 to X-210B)	195	196.7	M-121	RHR	ND-57651-14
TW35 (TW34 to X-211B)	195	196.7	M-121	RHR	ND-57651-14
TW6 (X-226A to P-208B)	195	196.7	M-122	CS	ND-57652-2
TW7 (P-208B to MO-1752)	195	196.7	M-122	CS	ND-57652-3
TW8 (TW7 to TW-24)	195	196.7	M-122	CS	ND-57652-3
TW9 (TW7 to TW24)	195	196.7	M-122	CS	ND-57652-3
TW10 (X226B to P-208A)	195	196.7	M-122	CS	ND-57652-4
TW11 (P208-A to MO-1751)	195	196.7	M-122	CS .	ND-57652-4
TW12 (TW11 to TW34)	195	196.7	M-122	CS	ND-57652-4
TW13 (TW11 to TW34)	195	196.7	M-122	CS	ND-57652-5
TW1 (X-225 MO-2061)	195	196.7	M-124	HPCI	ND-57653-6
TW4 (HPCI-42 to TW8)	195	196.7	M-124	HPCI	ND-57653-6
FW6 (RO-2105 to RCIC-37)	195	196.7	M-126	RCIC	ND-57654-3
OG21 (RCIC-18 to X-223)	1.95	196.7	M-125	RCIC	ND-57654-5
TW5 (X-227 to MO-2100)	195	196.7	M-126	RCIC	ND-57654-6

^{*}This is a instake on the thre designation table that is being corrected

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
!	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-035	2		
	This form may not 4 AWI-09.04.03 (AS								
	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy C	Company		Date7	/28/2003	<u> </u>			
		Name							
2. Plant	Monticello Nu	clear Generatir	ng Plant	Sheet <u>1</u>		of _2	2		
000714/ 0	-t.: Dd 75 86-	Name		14/0 #00	04500				
2807 VV. CI	nty. Rd. 75, Moi	nticello, Minnes ddress	ota 55362	WO #02		tion P.O. No.,	lob No	oto	
•	^′	Juless		ivehali i	Jigariiza	tion F.O. No., .	JOD NO.	elc.	
3. Work P	erformed By 🕏				•	I Stamp <u>N/A</u>			
		Company		Authoriza					
2807 \	N. Cty Rd 75, M		55362	Expiration	Date _	N/A	·		
	Ac	ddress							
4. Identific	ation of System	FSW Emerg	ency Servic	e Water					
5. (a) Appli	cable Construct	ion Code AN	SI B31.1	· ·	,	1977	E	dition	
Adde	enda <i>Winter</i> 7	'8		Code	Case _	Year N/A			
(b) Appli	cable Edition of	Section XI Utili	zed for Rep	airs or Replace	ement _	1986			
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents			
		T	<u> </u>			T .	AS	ME ·	
						Repaired,		de .	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan YES	npea NO	
		 		N/A	2003	 		<u>N</u> O	
2" ESW pipe	Unknown	N/A	N/A	IVA	2003	Repaired			
· ——————						•			
· .			·						
						(<u></u>			
7. Descript		ut and rewelde stallation error.		pe to valve we	ld to impi	rove orientation	due to		
8. Tests Co	onducted: Hy	drostatic	Pneur	natic 🔲	Nomina	al Operating Pr	essure	\boxtimes	
	Other Pressure psi Test Temp *F								

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0352 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Inservice test performed under PMT for WO #0109175. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Date Signed-CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel and employed by HAMIFORD STEAM DOILER OF COMMOCILEN OF HARTFORD have inspected the components described in this Owner's Report during the period 9/16/02 7 /2 **f**/σ) and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 VB // F63 A, N, S P(N 0 0 4028-CO National Board, Province and Endorsements

Date JULY 25 . 2003

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

•*					ITEM	2002-21-0354			
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
8-	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy C			Date	7/30/03				
		Name				_			
2. Plant	Monticello Nu	clear Generatin	g Plant	_ Sheet _1		of <u>2</u>			
2807 W. Cn	tv Rd 75 Mor	Name nticello, Minnes	ota 55362	WO #02	04516				
2007 11. 011		idress	0.0002			tion P.O. No., J	ob No.	etc.	
3. Work Pe	formed By	(cel Energy Co		Type Cod	le Svmbo	Stamp N/A			
,		Company I	Name	Authoriza	_	'			
2807 W	/. Cty Rd 75, M	onticello, MN 5	55362	Expiration	n Date	N/A			
•	Ac	Idress							
4. Identifica	ition of System	AO-2541B, L	Drywell Fir D	m Sump Valv	<u>re</u>				
5. (a) Applic	able Constructi	on Code _AN	SI B31.1		1	1977	E	dition	
Adder	nda <i>Winter</i> 7	8		Code	Case	Year V/A			
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986			
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents			
							AS		
Name of	Name of	Manufasturas	Mational	Other	Voor	Repaired,	-	de	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan YES	NO	
Bonnet	Henry Vogt	A105NR4816 A54008			1970	Replaced		Ø	
Gate	Henry Vogt	410WBD			1970	Replaced		×	
Bonnet	Henry Vogt	A105NR4816 A54008			1970	Replacement		Ø	
Gate	Heriry Vogt	410WBD			1970	Replacement		\boxtimes	
7. Description	on of Work R	eplace Valve B	onnet and C	Sate			· ·		
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🗌	Nomina	al Operating Pre	essure	\boxtimes	
	Otl	ner 🗌	Pressure	system	psi	Test Temp		_ °F	

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4 Page 3 of 2

		1EM _2002-21-0354						
Remarks	(Applicable Manufacturer's Data Reports to be	e Attached)						
Like-for-like replacement (reference Alteration 94A070, Rev.0) VT-2 performed of bonnet at system								
operating pressure and temp_IST includes LLRT per 0137-06 and Stroke time and position								
_indication per W	O PMT and 0255-16-IA							
		<u> </u>						
	CERTIFICATE OF COMPLIANCE							
We certify that the s	tatements made in the report are correct and this	replacement						
conforms to the rule	s on the ASME Code, Section XI.	repair/replacement						
	•							
Signed 7	Deser Listin VI ISI Coordinator Date	a.l. 30, 2003						
	Owner or Owner's Designee, Title							
	CERTIFICATE OF INSERVICE INSPECTIO	N						
I, the undersigned, I	holding a valid commission issued by the National Boa	rd of Boiler and Pressure Vessel						
Inspectors and th	e State or Province of MINNESOTA	and employed by						
inspected the compo	onents described in this Owner's Report during the per	riod 4/26/02 to						
	, and state that to the best of my knowledge and aken corrective measures described in this Owner's	belief, the Owner has performed Report in accordance with the						
		onal injury of property damage of						
	Like-for-like reproperating pression indication per Western with the seconforms to the rule. Signed I, the undersigned, Inspectors and the HART FORD STEAN inspected the comparations and the requirements of the seconceming the examinations and the Inspector nor his the Inspector nor his	Remarks (Applicable Manufacturer's Data Reports to be Like-for-like replacement (reference Alteration 94A070, Rev.0) VT-operating pressure and temp_IST includes LLRT per 0137-06 and indication per WO PMT and 0255-16-IA CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Lician XI ISI (Condition Date Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION, the undersigned, holding a valid commission issued by the National Boal inspectors and the State or Province of MINITIAN OF AMERICAL OF INSERVICE INSPECTION OF MINITIAN OF AMERICAL OF REPORT OF MINITIAN OF AMERICAL OF THE MINITIAN OF AMERICAL OF THE MINITIAN OF AMERICAN OF THE MINITIAN OF AMERICAN OF THE MINITIAN OF AMERICAL OF THE MINITIAN OF AMERICAN OF THE MINITIAN OF						

2003

Commissions NB 11867 AJMI MN 304028-CO

National Board, Province and Endorsements

Inspector's Signature

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

,					ITEM	2002-21-0355	5		
						eplacement progr further guidance		:	
8-	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy C			_ Date _7	7/29/2003	}		· · · ·	
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet _1		of _2	· 		
2807 W Cn	tv Rd. 75 Mor	Name nticello, Minnes	ota 55362	WO #02	03466				
2007 11. 011		dress		-		tion P.O. No., J	ob No.	etc.	
3. Work Pe	rformed By 🗡	(cel Energy Co		•	•	ol Stamp N/A			
202 14	/ Ch. Dd 75 M	Company		Authoriza					
		o <i>nticello, MN &</i> Idress	00302	Expiration	Date _	IN/A			
4. Identifica		Drywell Instr	ument Air S	upply check v	alve, Al-5	571			
5. (a) Applic	able Constructi	on Code _ <i>AN</i>	SI B31.1		1	1977 Year	E	dition	
Adder	nda <i>Winter '</i> 7	8		Code	Case				
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replac	ement	1986			
.,		nents Repaired	,	•	-				
					l .			ME	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	1	nde nped	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
Check valve, Al-571	Velan	Unknown	N/A	N/A	1986	Replaced		\boxtimes	
Check valve, Al-571	BNL Industries	B0210017-2- 1	N/A	N/A	2003	Replacement		☒	
,				,					
7. Description	on of Work R	eplace Valve	<u> </u>			<u> </u>	·	·	
8. Tests Cor		drostatic	Pneun	natic 🛛	Nomina	al Operating Pro	essure		
	Other Pressure 91 - 120 psi Test Temp ambt °F								

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 1 ITEM 2002-21-0355 Remarks (Applicable Manufacturer's Data Reports to be Attached) VT-2 performed at system operating pressure and temp. App J test per 0137-18. Sect XI test per 0255-17-IA-2, verify open and closed positions CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. and NOE LVI II Date 7/29 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNEGOTA and employed by HARTFORD STOAM BOILER OF CONVECTIENT OF MARTFORD, CT inspected the components described in this Owner's Report during the period 10/14/02 7/29/03 , 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 VO 11863 A, V J HV 00 49 Z8 - CO National Board, Province and Endorsements July 29 , 2007

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

						ITEM	2002-21-0356				
NOT	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.										
NOT	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.										
1. (. Owner Xcel Energy Company				Date _7	/18/2003					
2. F	Name Plant Monticello Nuclear Generating Plant Name				Sheet 1		of <u>2</u>	·			
2807	7 W. Cn	ty. Rd. 75, Mor	•	ota 55362	WO #02	WO #0202066					
			idress		Repair	Organiza	tion P.O. No., J	ob No.	etc.		
3. V	Vork Pe	erformed By 🗡	<i>(cel Energy Co</i> Company		•	Type Code Symbol Stamp N/A Authorization No. N/A					
	2807 N	/. Cty Rd 75, M	•		Expiration						
_			Idress			_					
4. 10	dentifica	ation of System	Spare - 3 Kij	Snubber							
5. (a) Applic	able Constructi	on Code AN	SI B31.1		·	1967 Year	E	dition		
	Adde	nda <i>None</i>			Code	Case _	N/A				
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement					
•		ition of Compor	•		Ť						
	me of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	de		
	linder	Bergen Patterson	002A	N/A	N/A	1999	Replaced	. 🗆	Ø		
Cyl	linder	Bergen Patterson	002A	N/A	N/A	2003	Replacement		Ø		
				,		·	{				
		,				*					
		·		·							
7. Description of Work Replace cylinder tube (part #7)											
8. T	ests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pre	essure			
		Oth	ner 🗌	Pressure		psi	Test Temp _		_ °F		

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision TITLE: **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2002-21-0356 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. M. NDE Lul III Date Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HART FORD STEAM POILER OF COMMEDICUT OF MART FORD, CT 7/15/03, 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.

2007

Commissions NJ 11863 1, N, J MN 004018-00

National Board, Province and Endorsements

Date

JULY

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•			ITEM	2002-21-0357	,				
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.											
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.											
Owner _Xcel Energy Company				Date	/18/2003						
Name 2. Plant Monticello Nuclear Generating Plant				Sheet 1		of 0					
2. Plant	Workleeno Na	Name	ig Flatit	_ Sheet _1		of <u>_2</u>	,				
2807 W. Cr	ity. Rd. 75, Mor		ota 55362	WO #02	WO #0202066						
	Ac	ddress	_	Repair	Organiza	tion P.O. No., J	ob No.	etc.			
3. Work Pe	erformed By λ	cel Energy Co		Type Cod	le Symbo	Stamp N/A					
		Company		- Authoriza	tion No.	N/A					
2807 V	V. Cty Rd 75, M		55362	Expiration	Date _	N/A					
	Ac	idress						<i>:</i>			
4. Identific	ation of System	Spare - 3 Kij	Snubber				,				
5. (a) Applio	5. (a) Applicable Construction Code ANSI B31.1 1967 Edition										
Adde	nda <i>None</i>		·	Code	Case _	Year N/A					
(b) Applic	(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986										
. ,			•	·	6. Identification of Components Repaired or Replaced and Replacement Components						
_ <u></u>	· · · · · · · · · · · · · · · · · · ·					-					
			-				AS				
Name of	Name of	Manufacturer	National	Other	Vaar	Repaired,	Co	de			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement		de			
	1					Replaced or	Co Stan	de nped			
Component	Manufacturer Bergen	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Stan YES	de nped NO			
Component Cylinder	Manufacturer Bergen Patterson Bergen	Serial No.	Board No.	Identification N/A	Built 1992	Replaced or Replacement Replaced	Stan YES	de nped NO			
Component Cylinder	Manufacturer Bergen Patterson Bergen	Serial No.	Board No.	Identification N/A	Built 1992	Replaced or Replacement Replaced	Stan YES	de nped NO			
Component Cylinder	Manufacturer Bergen Patterson Bergen	Serial No.	Board No.	Identification N/A	Built 1992	Replaced or Replacement Replaced	Stan YES	de nped NO			
Cylinder Cylinder	Manufacturer Bergen Patterson Bergen Patterson	Serial No. 004A 004A	Board No. N/A N/A	Identification N/A N/A	Built 1992	Replaced or Replacement Replaced	Stan YES	de nped NO			
Component Cylinder Cylinder 7. Descripti	Manufacturer Bergen Patterson Bergen Patterson	Serial No. 004A 004A eplace cylinder	Board No. N/A N/A rtube (part ‡	Identification N/A N/A	Built 1992 2003	Replaced or Replacement Replaced Replacement	Stan YES	de nped NO			
Cylinder Cylinder	Manufacturer Bergen Patterson Bergen Patterson On of Work R Patterd: Hy	Serial No. 004A 004A	Board No. N/A N/A	Identification N/A N/A *7) natic	Built 1992 2003	Replaced or Replacement Replaced	Stan YES	de nped NO			

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page Z of 2 ITEM 2002-21-0357 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. and NDE LV/ III Date _ 7/18 Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of A IVNIS SOM and employed by MARTFORD STEAM BOILER OF CONNECTICUT OF HARTFURD, CT 7/18/00 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 WB 11867 A,N, I ANDOYO L8-CO National Board, Province and Endorsements National Board, Province and Endorsements Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

ITEM 2002-21-0358									
	This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
8-	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.						each		
Owner Xcel Energy Company				_ Date _7	Date <u>7/18/2003</u>				
2. Plant	Name Plant Monticello Nuclear Generating Plant				1	of _2	?		
2007 W. Co	ity. Rd. 75, Moi	Name	oto 55363	WO #02	osoše				
2007 VV. CII		dress	01a 33302			tion P.O. No., J	lob No.	etc.	
3 Work Pe	erformed By λ	(cel Enemy Co		·		ol Stamp <i>N/A</i>			
o. Work t		Company		Authoriza			· · · · · · · · · · · · · · · · · · ·		
2807 V	V. Cty Rd 75, M	•		Expiration	n Date _	N/A			
	Ac	dress							
4. Identifica	ation of System	Spare - 3 Kij	Snubber		·				
5. (a) Applic	5. (a) Applicable Construction Code ANSI B31.1								
Adde	Addenda <i>None</i> Code Case <i>N/A</i>								
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986									
6. Identifica	6. Identification of Components Repaired or Replaced and Replacement Components								
·						Repaired,		ME de	
Name of	Name of	Manufacturer	National	Other	Year	Replaced or	Stan	nped	
Component	Manufacturer Bergen	Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
Cylinder	Patterson	482	N/A	. N/A	1993	Replaced		Ø	
Cylinder	Bergen Patterson	482	N/A	N/A	2003	Replacement		⊠.	
Reservoir	Bergen Patterson	482	N/A	N/A	1993	Replaced		Ø	
Reservoir	Bergen Patterson	482	N/A	N/A	2003	Replacement		⊠.	
7. Descripti	on of Work R	eplace cylindei	tube (part ‡	7) and reserv	oir (part ‡	1 47)			
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
	Oth	ner 🗌	Pressure		psi	Test Temp		°F	

MONTICELLO NUCLEAR GENERATING PLANT TITLE: OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2 Page 3 of 2 2 970 J 7, ITEM 2002-21-0358 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Revision 4 Page 3 of 2 2 970 J 7, ITEM 2002-21-0358 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed.

Out NDE LV/II Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT OF FIARTFORD, CT have 7/15/03 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 NO 11863 A.N. I MNOO4028-CO National Board, Province and Endorsements JULY 18 Date

MONTICE	3613
TITLE:	Revision 4
	Page 1 of 2

					ITEM	2002-21-0359)	
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner	Xcel Energy (Company		Date	/18/2003			
0 Diam	Adamticalla Nive	Name	a Dlant	Chart d				
2. Plant	Monticello Nu	clear Generatir Name	ig Plant	_ Sheet <u>_1</u>		of <u>2</u>		
2807 W. C	nty. Rd. 75, Moi		ota 55362	WO #02	02066			
	Ad	dress	· · · · · · · · · · · · · · · · · · ·	Repair (Organiza	tion P.O. No., J	ob No.	etc.
3. Work F	erformed By	(cel Energy Co		Type Cod	le Symbo	Stamp N/A		
		Company		Authoriza	tion No.	N/A		
2807	W. Cty Rd 75, M		55362	Expiration	Date _	N/A	·	
	Ac	Idress						
4. Identific	cation of System	Spare - 3 Kip	Snubber					
5. (a) Appl	icable Construct	on Code _AN	SI B31.1		·	1967 Year	E	dition
Adde	enda <i>None</i>			Code	Case			
		Section XI Litili	zed for Ren					
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19866. Identification of Components Repaired or Replaced and Replacement Components								
. ,		nents Repaired	or Replaced	d and Replace	ment Cor	nponents	-	
. ,		nents Repaired	or Replaced	d and Replace	ment Cor	mponents	AS	ME
6. Identific	ation of Compor		•		/	Repaired,	Co	de
6. Identific	ation of Compor	nents Repaired Manufacturer Serial No.	or Replaced National Board No.	Other	ment Cor Year Built		Co Stan	de
6. Identific	Name of Manufacturer Bergen Patterson	Manufacturer	National	Other	Year	Repaired, Replaced or	Co	de nped
6. Identific Name of Component	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Co Stan YES	de nped NO
6. Identifice Name of Component Cylinder	Name of Manufacturer Bergen Patterson	Manufacturer Serial No. 483	National Board No.	Other Identification N/A	Year Built 1993	Repaired, Replaced or Replacement Replaced	Co Stan YES	de nped NO
6. Identifice Name of Component Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 483	National Board No.	Other Identification N/A	Year Built 1993	Repaired, Replaced or Replacement Replaced	Co Stan YES	nde nped NO
6. Identifice Name of Component Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 483	National Board No.	Other Identification N/A	Year Built 1993	Repaired, Replaced or Replacement Replaced	Co Stan YES	de nped NO
6. Identification Name of Component Cylinder Cylinder	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 483 483	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993	Repaired, Replaced or Replacement Replaced	Co Stan YES	nde nped NO
6. Identification Name of Component Cylinder Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 483 483	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993	Repaired, Replaced or Replacement Replaced	Co Stan YES	de nped NO
Name of Component Cylinder Cylinder 7. Descrip	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 483 483	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced	YES CO	de nped NO

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2002-21-0359 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINUCSOTA and employed by HANTFURD STEAM BOILER OF CONNECTICH OF MART FORD, CT inspected the components described in this Owner's Report during the period 10/25/02 7//s 103, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. This Province and Endomance National Board Province and Endomance National Board, Province and Endorsements JULY 18 , 200J Date

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0360)	
NOTE 1:	This form may not 4 AWI-09.04.03 (AS							•
NOTE 2:	Supplemental she 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet.	; and (3) e	each
1. Owne	er Xcel Energy (Company		Date _7	7/18/2003			
		Name						
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>1</u>	· · · · · · · · · · · · · · · · · · ·	of _2		
2007 \//	Cnty. Rd. 75, Mo	Name nticello Minnos	oto 55363	WO #02	റാറടെ			
2607 VV.	· · · · · · · · · · · · · · · · · · ·	ddress	ola 55562			tion P.O. No., J	ob No.	etc.
3 Work	Performed By	Kcel Energy Co	·	•	_	Stamp N/A		
O. 110/1K	· 0	Company		- Authoriza	-	N/A		
2807	W. Cty Rd 75, M			Expiration		N/A		
		ddress					····	
4 Idaali			in Caubbor					
4. Identi	ication of System	Spale - 10 N	up Shubber			· ·	-, , -	
5 (a) An	olicable Construct	ion Code AM	CI D31 1			1967	_	dition
J. (a) App	Dicable Constituct	ion code AN	31 D3 1.1		·	Year		JIUOH
Ad	denda <i>None</i>			Code	Case _	N/A	•	
(h) An	olicable Edition of	Section XI LItili	zed for Rena	airs or Replace	ement	1986		
			•	·	_	·		
6. Identii	ication of Compo	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
							AS	ME
			l			Repaired,		de
Name of Componer		Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan	
	Bergen						YES	NO .
Cylinder	Patterson	515	N/A	N/A	1993	Replaced		☒
Cylinder	Bergen Patterson	515	N/A	N/A	2003	Replacement		\boxtimes
		·	,					
1-1-1-E								
		<u> </u>						
7. Descri	ption of Work <u>R</u>	eplace cylinder	tube (part #	‡7)				
8. Tests	Conducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
	Ot	her 🗌	Pressure		psi	Test Temp _		_°F

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision 4 TITLE: **REPLACEMENTS - FORM NIS-2** ITEM 2002-21-0360 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Dull, NDE LV/III Date 7/18 Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel __ and employed by HARTFORD STEAM BOILER OF CONNECTICAT OF HARTFORD, CT inspected the components described in this Owner's Report during the period 10/20/02 7 // x /x), and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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/1863 ANT MN 00 4025-CO National Board, Province and Endorsements

JULY 18 , 2003

Date

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2 "

	•				ITEM	2002-21-0361		
NOTE 1:	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
NOTE 2:	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owne	r Xcel Energy			Date _7	/18/2003		·	<u></u>
2. Plant	Monticello N	Name Nuclear Generatin	ng Plant	Sheet 1		of 2		
		Name	<u> </u>			· · · · · · · · · · · · · · · · · · ·		
2807 W. (<u>lonticello, Minnes</u>	ota 55362	WO #02				
		Address		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work	Performed By	Xcel Energy Co		Type Cod	le Symbo	Stamp N/A		
		Company		Authoriza				
2807		Monticello, MN 5	55362	_ Expiration	Date _	N/A		
		Address						
4. Identif	ication of Syste	m <i>Spare - 10 K</i>	ip Snubber		<u></u>	····		
5. (a) App	olicable Constru	ction Code _AN	SI B31.1		,	1967	E	dition
A .d.	denda <i>None</i>	 		Codo	Coso	Year .	<u>-</u>	
Add	denda <i>None</i>			Code	Case _	WA		
(b) App	licable Edition	of Section XI Utili:	zed for Rep	airs or Replace	ement _	1986		
6. Identif	ication of Comp	onents Repaired	or Replaced	d and Replace	ment Co	mponents		
							AS	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	1
Componer			Board No.	Identification	Built .	Replacement	YES	NO
Cylinder	Bergen Patterson	017	N/A	N/A	1992	Replaced		Ø
Cylinder	Bergen Patterson	017	N/A	N/A	2003	Replacement		\boxtimes
Piston rod		017	N/A	N/A	1992	Replaced		\boxtimes
Piston rode nut	& Bergen Patterson	017	N/A	N/A	2003	Replacement		\boxtimes
Manifold	Bergen • Patterson	017	N/A	N/A	1992	Replaced		\boxtimes
7. Descri	ption of Work	Replacement Ma Replace cylinder	•		•	and Manifold		
8. Tests (- Conducted: I	-lydrostatic	Pneun			al Operating Pre	essure	\Box
		Other	Pressure		psi	Test Temp _		°F

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision 4 REPLACEMENTS - FORM NIS-2 Page 2 of 2 ITEM 2002-21-0361 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIUWESTA ___ and employed by HARTRORD STEAM BOILER OF CONNECTION OF MATFORD, CT have 7 / 8 / 65 _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11867 1, NI HW 50 4328-CO National Board, Province and Endorsements JULY 18 , 2003

MONTIC	3613					
TITLE:	TITLE: OWNER'S REPORT FOR REPAIRS OR					
	REPLACEMENTS - FORM NIS-2					

					ITEM	2002-21-0362		
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 7	/18/2003			
		Name		<u> </u>				
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>_1</u>	<u></u>	of <u>_2</u>		
2807 W. Cn	ty. Rd. 75, Mor	Name . nticello Minnes	ota 55362	WO #02	02066	•		
2007 11. 011		dress	00002			tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By _X	cel Energy Co		•	_	Stamp N/A		·
	<u> </u>	Company		Authoriza		N/A		
2807 W	/. Cty Rd 75, M		55362	_ Expiratior	Date _	N/A		
	Ac	Idress						
4. Identifica	ation of System	Spare - 10 K	ip Snubber	·				
5. (a) Applic	able Constructi	on Code AN	SI B31.1		1	1967	E	dition
Addei	nda <i>None</i>			Code	Case	Year N/A		
•		Cartina VI I Hili	and for Door		_			
(b) Applic	able Edition of	Section XI Othic	zed for Repa	airs or Replace	ement _	1986		
Identification	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
				·			AS	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder	Bergen Patterson	526	N/A	N/A	1991	Replaced		X
Cylinder	Bergen Patterson	526	N/A	N/A	2003	Replacement		\boxtimes
					_			
						•		
				,				
7. Descripti	on of Work _R	eplace cylinder	tube (part #	‡7)				
8. Tests Co	nducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
Other Pressure psi Test Temp °F								

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

3613

Revision

Page 3 of 2

-	2 cm 57
	ITEM 2002-21-0362
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional test per 0251, VT-3 to be completed when installed.
	CERTIFICATE OF COMPLIANCE
	2.1 +
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Tepair/replacement
	Signed
	Signed Owner's Designee, Title Owner's Designee, Title
-	
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of MINUESTA and employed by
	HARTFORD STEAM BOILEX OF CONNECTION of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/2 f/07, to
	ארטלים, and state that to the best of my knowledge and belief, the Owner has performed
	examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or
	a loss of any kind arising from or connected with this inspection.
	Plant Add a series of the seri
	Inspector's Signature Commissions NB 11863 A, V, F HN 004028-CU National Board, Province and Endorsements
	Date 744 18 , 2003
	· · · · · · · · · · · · · · · · · · ·

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0363	<u> </u>	
NOTE 1:	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
NOTE 2:	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owne	er Xcel Energy C			Date7	7/18/2003	ì		
		Name						
2. Plant	Monticello Nu	clear Generatir	ig Plant	Sheet1		of <u>_2</u>	·	
		Name						
2807 W. (Cnty. Rd. 75, Moi		ota 55362					
	Ac	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work	Performed By	(cel Energy Co		Type Cod	le Symbo	ol Stamp N/A		
	´ -	Company	Name	Authoriza	-	· -		
2807	W. Cty Rd 75, M	onticello, MN 5	55362	Expiration	n Date	N/A		
	Ac	dress		•	-			
4. Identif	ication of System	Spare - 10 K	(ip Snubber	·		·		
5. (a) Apr	olicable Construct	ion Code AN	SI B31.1			1967	E	dition
						Year		
Add	denda <i>None</i>			Code	Case _	N/A		
(b) App	olicable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		
6. Identif	ication of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
						Bassiand		ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		de nped
Componer	· ·	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder	Bergen	513	N/A	N/A	1990	Replaced		
Cylinder	Bergen Patterson	513	N/A	N/A	2003	Replacement		
						·		
			· .					
						l		
7. Descri	ption of Work <u>R</u>	eplace cylindei	tube (part #	‡7) <u> </u>				·
8. Tests	Conducted: Hy	drostatic	Pneun	natic 🗌	Nomina	al Operating Pre	essure	
	Other Pressure psi Test Temp °F							

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0363 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Dud, NOE Let III Date Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HUNE 1274 and employed by HARTFORD STEAM BOILER OF CONNECTICUT OF HARTFORD, CT 7//8/03 , 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 VB 1163 1, N, J 14N 00 40 25 - C0 National Board, Province and Endorsements JULY 18 , 2003

MONTIC	3613					
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4				
	REPLACEMENTS - FORM NIS-2					

	his form may not AWI-09.04.03 (AS							•
	Supplemental sheen 1-1/2 in x 11 in, (2) Theet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy C	Company		Date 7	7/30/03			
		Name	· · · · · · · · · · · · · · · · · · ·	-			····	
2. Plant	Monticello Nu	clear Generatin	g Plant	Sheet 1	!	of 2		
		Name		 .				
2807 W. Cr	ity. Rd. 75, Moi		ota 55362	<i>N/A</i>				
	Ad	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work P	erformed By	(cel Energy Co		Type Cod	le Symbo	Stamp N/A		
		Company	Name	Authoriza				
2807 V	V. Cty Rd 75, M	onticello, MN 5	55362	Expiration	n Date	N/A		
	Ac	ldress		-		•		
4. Identific	ation of System	CRD Scram	·					· ·
5 (a) Appli	cable Constructi	ion Code AN	SI B31 1		,	1967	F	dition
O. (a) / (pp.)		<u> </u>	0. 00	, <u> </u>		Year		4,4,0,,
Adde	nda <i>None</i>			Code	Case _	N/A		
(b) Appli	cable Edition of	Section XI Utilia	zed for Repa	airs or Replace	ement _	1986		
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
	T	<u> </u>				T	AS	ME
				011		Repaired,	,	de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
Component	Ivialialactulei	Ochai IVO.	Doald 140.	Identification	Bailt	Replacement		
		:						
-								
						·		
7. Descript	ion of Work R	erate of design	pressure ar	nd temp for CF	RD Scran	n Insert / Withdr	aw line	 :s
•		drostatic	Pneun			al Operating Pre		\boxtimes
	Otl	ner 🗌	Pressure		psi	Test Temp _		_ °F

MO	NTICE	ELLO NUCLEAR GENERATING PLANT	3613
	LE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
		REPLACEMENTS - FORM NIS-2	Page 3 of 2
			2 -m.
		ITEM _2002-2	21-0364
9. F	Remark	ks (Applicable Manufacturer's Data Reports to be Attached)	
	This r	erate is not in response to a flaw. The rerate (to 575 deg F and 1265 PSIC	3) is to ensure that
_	all of t	the CRD lines in the flow path for vessel water during a scram have the sa	me design pressure
_	and te	emperature. I eakage test was accomplished using vessel system leakage	test 0255-20-IIC-2
		2/18/00. No physical changes have been made as a result of the rerate.	
		CERTIFICATE OF COMPLIANCE	
		fy that the statements made in the report are correct and this	
co	onforms	s to the rules on the ASME Code, Section XI. repair/re	placement
		1	
Sig	gned	- 1 Our JOHN NDELVIII Date 7/30	, 2003
,		Owner or Owner's Designee, Title	
·			
			
		CERTIFICATE OF INSERVICE INSPECTION	·
l. t	the und	dersigned, holding a valid commission issued by the National Board of Boiler ar	nd Pressure Vessel
Ins	spector		and employed by
		the components described in this Owner's Report during the period	have to
	7/3	<u>'ゅん)</u> , and state that to the best of my knowledge and belief, the Ow	ner has performed
		tions and taken corrective measures described in this Owner's Report in ac ents of the ASME Code, Section XI.	
· Bv	, sianin	ng this certificate neither the Inspector nor his employer makes any warranty, ex	pressed or implied
COI	ncernir	ng the examinations and corrective measure described in the Owner's Report. F	urthermore, neither
		ctor nor his employer SHALL be liable in any manner for any personal injury of pany kind arising from or connected with this inspection.	property damage or
	:		
_	2	Inspector's Signature Commissions WB 1163 A, W, I A National Board, Province a	7N 0040L8-CU
_	•	Inspector's Signature National Board, Province a	and Endorsements
[Date	JULY 30 , 2007	

MONTICE	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0365	5	
						eplacement progr further guidance		!
-8	upplemental shee 1/2 in x 11 in, (2) leet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.	and (3) e	each
1. Owner	Xcel Energy C			Date7	7/18/2003	<u> </u>	·	
2. Plant	Monticello Nue	Name clear Generatin	ng Plant	Sheet 1	1	of 2	,	
2. TOTAL	THO THE CHO THE	Name	ig i lant					
2807 W. Cnf	y. Rd. 75, Mor		ota 55362	WO #02		tion D.O. No. 1	ala Ma	-1-
		idress		•		tion P.O. No., J	OD NO.	etc.
3. Work Pe	formed By $\frac{\lambda}{2}$	<i>Cel Energy Co</i> Company	Name	Type Cod Authoriza	•	ol Stamp <u>N/A</u> N/A		
2807 W	. Cty Rd 75, M	•		Expiration		N/A		
	. Ac	dress		•	_			
4. Identifica	tion of System	Spare - 10 K	ip Snubber					· ·
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1967	E	dition
Addenda <i>None</i> Code Case <i>N/A</i>								
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986								
(b) Applic		Section XI Utili	zed for Repa					
, , , ,			•	airs or Replace	ement _	1986		
, , , ,	able Edition of		•	airs or Replace	ement _	1986 mponents	AS	
, , , ,	able Edition of		•	airs or Replace	ement _	1986	Co	ME ode
6. Identifica	able Edition of tion of Compor Name of Manufacturer	ents Repaired	or Replaced	airs or Replace	ement _	nponents Repaired,	Co	de
6. Identifica	able Edition of tion of Compor Name of	nents Repaired Manufacturer	or Replaced	airs or Replace d and Replace Other	ment Cor	nponents Repaired, Replaced or	Ço Stan	de nped
6. Identifica Name of Component	nable Edition of tion of Compor Name of Manufacturer Bergen	nents Repaired Manufacturer Serial No.	or Replaced National Board No.	airs or Replace I and Replace Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement	Co Stan YES	de nped NO
6. Identifica Name of Component Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Co Stan YES	de nped NO
6. Identifica Name of Component Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO
6. Identifica Name of Component Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO
Name of Component Cylinder Cylinder	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 170	National Board No. N/A N/A	Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO
Name of Component Cylinder Cylinder	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 170	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	nponents Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision TITLE: **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2002-21-0365 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of HIVNESSIA and employed by HARTFORD STEAM BOILER OF COLNETTICUT OF HARTFORD, C) 7//8/03 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 11563 A, NJ MNOHOLE-CO National Board, Province and Endorsements

J444 18

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		· · · · · · · · · · · · · · · · · · ·						
					ITEM	2002-21-0366	5	
						eplacement progr further guidance		
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.		each
1. Owner	Xcel Energy C	ompany		Date 7	/18/2003			
0 5		Name	- 51	Observation of		-		
2. Plant	Monticello Nuo	clear Generatin Name	g Plant	_ Sheet <u>_1</u>		of _2		
2807 W. Cni	ty. Rd. 75, Mor		ota 55362	WO #02	02066		•	
	Ac	ldress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By $$ $$ $$	cel Energy Co		Type Cod	le Symbo	Stamp N/A		
		Company		Authoriza			·	
_2807 W	. Cty Rd 75, Me		5362	Expiration	Date _	N/A		
·	Ad	dress						
4. Identifica	tion of System	Spare - 10 K	ip Snubber			· · · · · · · · · · · · · · · · · · ·		
5. (a) Applic	able Constructi	on Code <u>AN</u>	SI B31.1	<u></u>		1967	E	dition
Adder	nda <i>None</i>			Code	Case _	Year N/A		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986		•
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Cor	nponents		
						l		ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder	Bergen Patterson	026	N/A	N/A	1992	Replaced		\boxtimes
Cylinder	Bergen Patterson	026	N/A	N/A	2003	Replacement		\boxtimes
					,	·		
7. Description	on of Work R	eplace cylinder	tube (nart ±	<u> </u>	<u> </u>	L	l	
•			Pneun		Nomina	al Operating Pro	DECUTO	<u> </u>
8. Tests Co	•	drostatic 🔲	•			• •	=55ul C	<u>ا</u>
	Oth	ner []	Pressure		psi	Test Temp _		- °F

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision REPLACEMENTS - FORM NIS-2 Page 3 of 2 ITEM 2002-21-0366 Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. DUBS, NDE LUITE Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINUESTA and employed by HARTFORD STEAM BOILER OF CONNECTICOT OF MARIFURD 7//s/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 NA 1/863 A, N. 5 14N 00 40 28-C0 National Board, Province and Endorsements 2003 Date

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR Revision 4Revision 4REPLACEMENTS - FORM NIS-2Page 1 of 2

					ITEM	2002-21-0367	7	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy (Company		Date 7	7/18/2003	<u> </u>		
0 Diant	Montinella Nu	Name	- Di	Chart d	· · · · <u>-</u>			
2. Plant	MONICE IO NU	clear Generatir Name	ig Plant	Sheet 1		of _2		
2807 W. Cn	ty. Rd. 75, Moi	nticello, Minnes	ota 55362	_WO #02	02066			
	Ad	ddress	•	Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	formed By 🗡	cel Energy Co		Type Cod	ie Symbo	Stamp N/A		
·	. <u>.</u>	Company		Authoriza		N/A		
_2807 W		onticello, MN 3 Idress	55362	_ Expiratior	Date _	N/A		
4. Identifica	ition of System	Spare - 10 K	(ip Snubber					
5. (a) Applicable Construction Code ANSI B31.1 1967 Edition								
Adder	nda <i>None</i>			Code	Case	Year N/A		
(h) Applic	able Edition of	Section XI Utili	zed for Rena	eirs or Penlace	- ement	 1986		
			•	•	-			
6. Identification of Components Repaired or Replaced and Replacement Components								
		1	1				AS	ME
						Repaired,	AS Co	de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or	Co Stan	de nped
Name of Component Cylinder		Manufacturer Serial No. 007	National Board No.	Other Identification N/A	Year Built 1992		Co	de
Component	Manufacturer Bergen	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Co Stan YES	de nped NO
Component Cylinder	Manufacturer Bergen Patterson Bergen	Serial No. 007	Board No.	Identification N/A	Built 1992	Replaced or Replacement Replaced	Co Stan YES	de nped NO
Component Cylinder Cylinder	Manufacturer Bergen Patterson Bergen Patterson Bergen Bergen	Serial No. 007 007	Board No. N/A N/A	Identification N/A N/A	Built 1992 2003	Replaced or Replacement Replaced Replacement	Co Stan YES	de nped NO
Component Cylinder Cylinder Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Bergen	Serial No. 007 007 007	Board No. N/A N/A N/A	Identification N/A N/A N/A	Built 1992 2003 1992	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO M
Component Cylinder Cylinder Manifold Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Serial No. 007 007 007	Board No. N/A N/A N/A N/A	Identification N/A N/A N/A N/A	Built 1992 2003 1992	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO
Component Cylinder Cylinder Manifold Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Serial No. 007 007 007 007	Board No. N/A N/A N/A N/A	Identification N/A N/A N/A N/A A/A anifold	Built 1992 2003 1992 2003	Replaced or Replacement Replaced Replacement Replaced	YES CO	de nped NO

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0367 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Ould, NOE LV/ III Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESSIA __ and employed by HARTFORM STEAM BOILER OF CONVECTICUT of HARTPULLS, inspected the components described in this Owner's Report during the period 11/6/02 7 1/8 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 11863 A.N. T MN 004028-00 National Board, Province and Endorsements JULY Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					11 -141	2002-21-0300		
						eplacement progr further guidance		:
8-	upplemental shee -1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.	and (3) e	each
1. Owner	Xcel Energy C	Company		Date 7	7/18/2003	?		
		Name		_				
2. Plant	Monticello Nu	clear Generatir	ng Plant	Sheet <u>1</u>		of 2		
		Name						
2807 W. Cn	ty. Rd. 75, Mor		ota 55362	<u></u>				
	Ac	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By X	cel Energy Co		Type Cod	le Symbo	Stamp N/A		
		Company	Name	Authoriza	tion No.	N/A		
2807 W	/. Cty Rd 75, M	onticello, MN 3	55362	Expiration	n Date	N/A		
	Ac	idress						
4. Identifica	ation of System	Spare - 10 K	(ip Snubber					
							_	
5. (a) Applic	able Constructi	on Code <u>AN</u>	SI B31.1		1	1967	E	dition
Adder	nda <i>None</i>			Code	Case	Year N/A		
								
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
				<u> </u>			AS	ME
) 	011-1-		Repaired,	1	de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
Manifold	Bergen Patterson	002	N/A	N/A	1992	Replaced		×
Manifold	Bergen Patterson	002	N/A	N/A	2003	Replacement		\boxtimes
	7 411570577				-			
							ū	
7. Description	on of Work R	eplace manifol	d.					
8. Tests Co	nducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
	Oti	ner 🗌	Pressure		psi	Test Temp		_ °F

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0368 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Dall NOE LV/III Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MIUMIOIA and employed by FLARTFURU TEAM BUILDE OF CONVECTICUT OF HARTFURD, CT _ have 7 / (r 16) and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither

the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or

, 2007

Commissions UR /1863 A, N, F MN 00 40 25 CO

National Board, Province and Endorsements

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

. JULY 18

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	•				ITEM	_2002-21-0369	} .	
NOTE 1:	This form may no 4 AWI-09.04.03 (A	t address all items SME SECTION XI						:
NOTE 2:	Supplemental she 8-1/2 in x 11 in, (2 sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet.	s and (3)	each
1. Owne	r Xcel Energy	Company		_ Date _7	/18/2003	·		
		Name						
2. Plant	Monticello Ni	uclear Generatir	ng Plant	Sheet 1		of 2	?	
		Name						
2807 W. C	Cnty. Rd. 75, Mc		ota 55362	WO #02				
	Α	ddress		Repair	Organiza	tion P.O. No., J	lob No.	etc.
3. Work	Performed By			•	-	Stamp N/A	· - .	
	•	Company		Authoriza		_ <i>N/A</i>		
2807	W. Cty Rd 75, M	Ionticello, MN 3	55362	_ Expiration	n Date	N/A		
	A	ddress					•	
4. Identifi	ication of System	Spare - 10 K	(ip Snubber	<u></u>				
5. (a) App	licable Construc	tion Code AN	SI B31.1		1	1967	E	dition
	•					Year		
Add	lenda <i>None</i>			Code	Case _	N/A		
(b) App	licable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		
6. Identifi	cation of Compo	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
							AS	ME
						Repaired,	Co	de
Name of	Name of	Manufacturer	National	Other	Year	Replaced or		nped
Componen		Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder & accumlator		030	N/A	N/A .	1992	Replaced		☒
Cylinder & accumlator	Bergen	030	N/A	N/A .	2003	Replacement		\boxtimes
Manifold	Bergen Patterson	030	N/A	· N/A	1992	Replaced		\boxtimes
Manifold	Bergen	030	N/A	N/A	2003	Replacement		☒
	Patterson		· · · · · · · · · · · · · · · · · · ·					
 .		I						
7. Descrip	otion of Work <u>f</u>	Replace cylindei	ad accumu	lator tube and	manifold			
B. Tests (Conducted: H	ydrostatic	Pneun	natic 🔲	Nomina	al Operating Pro	essure	
	. 0	ther	Pressure		psi	Test Temp		-°F

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2002-21-0369 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. DUBS, NDE Lul III Date 7/18 Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MILLUESOTA ___ and employed by HART FORD STEAM BOILER OF COUNTRILLY OF HART FULL, CT inspected the components described in this Owner's Report during the period 11/12 62 7 / 18/32 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. ust A Ruled. Commissions NB 11563 1, NJ MN 004028-CO National Board, Province and Endorsements

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0370)	_
						eplacement progr further guidance		:
8		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy (Date	7/18/2003	}	•	
2. Plant	Monticello Nu	Name clear Generatir	no Plant	Sheet 1	1	of 2		
2		Name	9 1 141.11					
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362				WO #02				
•	Ad	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By 🕏	(cel Energy Co		Type Cod	le Symbo	ol Stamp N/A		
		Company		Authoriza		N/A		
2807 V	V. Cty Rd 75, M		55362	_ Expiration	n Date	N/A		
	AC	dress						
4. Identifica	ation of System	Spare - 10 K	(ip Snubber		·	 		
E (a) Appli	cable Construct	ion Code AM	CI B21 1			1967	: ⊑	dition
5. (a) Applic	Cable Constituet	ion code _An	0/ D01.7		·	Year		uiuoii
Adde	nda <i>None</i>	· · · · · · · · · · · · · · · · · · ·		Code	Case _	N/A		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986		
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
								ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder tube	Bergen Patterson	031	N/A	N/A	1992	Replaced		\boxtimes
Cylinder tube	Bergen Patterson	031	N/A	N/A	2003	Replacement		X
· · · · · · · · · · · · · · · · · · ·								
,			·			·		
7. Descripti	on of Work R	eplace cylinder	tube	··	<u> </u>			
8. Tests Co		drostatic	Pneun	natic 🗍	Nomina	al Operating Pre	essure	
	•	her 🗌	Pressure		psi	Test Temp		°F
						· -		-

MONTICELLO NUCLEAR GENERATING PLANT TITLE: OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2 ITEM 2002-21-0370 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MIVVEJOIA ____ and employed by HAPTEDIEN STEAM BOILER OF CONNECTICUI OF HART FORD, CT have 7/18/05 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection. Commissions NA 1/863 1, N. 7 HN 00 4028-10 National Board, Province and Endorsements JULY 18 2003 Date

ones NOE Lul TIT Date

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

Owner or Owner's Designee, Title

conforms to the rules on the ASME Code, Section XI.

Signed

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

•				•	ITEM	2002-21-0371	٠	
						eplacement progr further guidance	am, see	
8-	upplemental shee 1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.	and (3) e	each
1. Owner	Xcel Energy C	Company		_ Date _7	/18/2003			
Name 2. Plant Monticello Nuclear Generating Plant				- Charl 4				
2. Plant	_ Sheet <u>_1</u>		of <u>_2</u>		 :			
Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362				WO #02	02066			
	Ac	dress		Repair (Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By 🗡	(cel Energy Co		Type Cod	e Symbo	Stamp N/A		
0007.14	/ O4 . D4 75 M	Company		Authoriza		N/A		
	/. Cty Rd 75, M Ac	onticello, MIN 3 Idress	00302	- Expiration	Date _	N/A		
4. Identifica	ation of System		(ip Snubber			·		
5. (a) Applio	able Constructi	on Code _AN	SI B31.1		,	1967	E	dition
Adde	nda <i>None</i>		·	Code	Case _	Year V/A		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986		
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents		
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	AS Co Stan	de
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder tube	Bergen Patterson	514	N/A	N/A	1990	Replaced		\boxtimes
Cylinder tube	Bergen Patterson	514	N/A	N/A	2003	Replacement		\boxtimes
7. Description	on of Work R	eplace cylindei	tube	·				
8. Tests Co		drostatic	Pneun	natic 🗌	Nomina	al Operating Pre	essure	
								°F

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0371 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. NOE LUITE Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNES JA and employed by HARIFORD SICAM BOILER OF CONNECTICUT OF MART FURD, CT inspected the components described in this Owner's Report during the period $11/12/\rho \Sigma$ 7/15/5\, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,

concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or

Commissions No. 11867 A, N, S MW 00 40 28-CO

National Board, Province and Endorsements

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

18

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0372	?	
NOTE 1: TI	his form may not AWI-09.04.03 (AS	address all items ME SECTION XI I	needed for d REPAIR/REPL	ocumentation of ACEMENT PRO	f a repair/r GRAM) for	eplacement progr further guidance	am, see	•
8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.	and (3) e	each
1. Owner	Xcel Energy C	Company		_ Date _7	/18/2003	•	· .	
		Name		_				
Plant Monticello Nuclear Generating Plant				Sheet <u>1</u>		of <u>2</u>	·	
Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362				WO #02	02066			
2007 11. 011		dress	,			tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By _X					l Stamp <u>N/A</u>		
000714	/ Ot . D. 75 M	Company		Authoriza		N/A		
2807 W	/. Cty Rd 75, M	onticello, MIN : Idress	05362	- Expiration	Date _	N/A		
							•	
4. Identifica	ition of System	Spare - 20 K	ip Snubber		•		,	
5. (a) Applic	able Constructi	on Code AN	SI B31.1		, ,	1967 Year	E	dition
Adder	nda <i>None</i>	· · · · · · · · · · · · · · · · · · ·		Code	Case _	N/A		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Coi	mponents		
			÷			<u> </u>		ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		ode nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Manifold	Bergen Patterson	104	N/A	N/A	1992	Replaced		Ø
Manifold	Bergen Patterson	104	N/A	N/A	2003	Replacement		⊠.
			·	·				
7. Description	on of Work R	eplace manifol	d					
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pro	essure	
	Oth	ner 🗌	Pressure	·	psi	Test Temp _		_ °F.

_	-		
M	ONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TI	TLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	·	REPLACEMENTS - FORM NIS-2	Page 3 of 2
			2 am]
		ITEM 2002-2	21-0372
9.	Remar	· · · · · · · · · · · · · · · · · · ·	
-		tional test per 0251, VT-3 to be completed when installed.	
•	, 41100		
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
			.,
			
		CERTIFICATE OF COMPLIANCE	,
. ,	We certin	fy that the statements made in the report are correct and this	lacement
ļ	conforms	s to the rules on the ASME Code, Section XI. repair/re	placement
	Ciannel	100 July 1106 1 1 7 7/1	8 2005
•	Signed	Owner or Owner's Designee, Title	8 , 2003
			\mathcal{O}_{\cdot}
		CERTIFICATE OF INSERVICE INSPECTION	
		dersigned, holding a valid commission issued by the National Board of Boiler ar	
		rs and the State or Province of MIVNESOTA a ORD STEAM BUILER OF COMMERTICUT OF HARTFOXI, CT	and employed by have
	inspecțe	d the components described in this Owner's Report during the period 11/12	102 to
_	7/18	f/o, 3, and state that to the best of my knowledge and belief, the Ow	vner has performed
		tions and taken corrective measures described in this Owner's Report in actions of the ASME Code, Section XI.	оончаное with the
	•		income and an installed ^
		ng this certificate neither the Inspector nor his employer makes any warranty, ex ing the examinations and corrective measure described in the Owner's Report. F	
t	the Inspe	ector nor his employer SHALL be liable in any manner for any personal injury of	
ŧ	a 1055 Of	any kind arising from or connected with this inspection.	
•		Inspector's Signature Commissions WA 11863 A.M. I National Board, Province a	and Endorsements
	•		
	Date	TULY 18 7.067	i

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

			•		ITEM	2002-21-0373		
						eplacement progr further guidance		
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C			Date	/18/2003	·		
2. Plant	Monticello Nu	Name clear Generatin	na Plant	Sheet 1		of 2		
Z. Flant	Worldcello 14d	Name	y riant	- Officer 7		of <u>2</u>		
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362				WO #02				·
	Ac	idress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By X				•	Stamp N/A		
2807 W	/. Cty Rd 75, M	Company - Company		Authoriza Expiration		_ <i>N/A</i> N/A		
2007 17		Idress	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- Expiration	, Date			
4. Identifica	ition of System	Spare - 20 K	(ip Snubber	· .		<u> </u>		
5: (a) Applic	able Constructi	on Code AN	SI B31.1		,	1967	E	dition
						Year		
Adder	nda <u>None</u>	· · · · · · · · · · · · · · · · · · ·	:	Code	Case _	V/A		
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986								
6. Identification of Components Repaired or Replaced and Replacement Components								
6. Identifica			or Replaced	•	_	······································		
6. Identifica			or Replaced	•	_	mponents		ME de
6. Identifica			National	d and Replace Other	ment Cor	Repaired, Replaced or	AS Co Stan	de
Name of Component	tion of Compor Name of Manufacturer	Manufacturer Serial No.	National Board No.	other	ment Cor Year Built	Repaired, Replaced or Replacement	Co Stan YES	de nped NO
Name of	Name of Manufacturer Bergen Patterson	nents Repaired Manufacturer	National	d and Replace Other	ment Cor	Repaired, Replaced or	Co Stan	de nped
Name of Component	Name of Manufacturer Bergen	Manufacturer Serial No.	National Board No.	other	ment Cor Year Built	Repaired, Replaced or Replacement	Co Stan YES	de nped NO
Name of Component Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Co Stan YES	de nped NO
Name of Component Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Co Stan YES	nped NO
Name of Component Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No.	National Board No. N/A N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	de riped NO
Name of Component Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 113	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced	Co Stan YES	de riped NO

MONTICELLO NUCLEAR GENERATING PLANT TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 REPLACEMENTS - FORM NIS-2 Page 3 of 2 2 on 1. ITEM 2002-21-0373 9. Remarks (Applicable Manufacturer's Data Reports to be Attached)

.9.	. Remarks	(Applicable Manufacturer's Data Reports to	be Attached)
	Functional test pe	er 0251, VT-3 to be completed when installed.	·
	•	•	
Γ		CERTIFICATE OF COMPLIANCE	
	•	atements made in the report are correct and this on the ASME Code, Section XI.	repaid replacement
	Signed	Tom Jones, NDE LV/III Da Owner or Owner's Designee, Title	te 7/18 , 2003

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of

MONTICE	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
.]	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0374	!	
						eplacement progr further guidance		
	upplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.	and (3) e	each
1. Owner	Xcel Energy C	Company		Date 7	7/18/2003	! •		
		Name						
2. Plant	Monticello Nu	clear Generatir	ng Plant	Sheet _ <u>_1</u>	· ·	of <u>2</u>		
2807 W. Cn	ty. Rd. 75, Mor	Name nticello, Minnes	ota 55362	WO #02	02066	÷		
		dress				tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By λ	(cel Eneray Co		Type Cod	le Symbo	l Stamp N/A		
J. 71011(7)		Company		Authoriza	•			
2807 W	/. Cty Rd 75, M		55362	Expiration	Date _	N/A		
	Ac	Idress						
4. Identifica	ation of System	Spare - 20 K	(ip Snubber					
5. (a) Applic	able Constructi	ion Code AN	SI B31.1		1	1967	E	dition
۸ مامام	ada Nono			Codo		Year		
Adde	nda <i>None</i>			Code	Case _	IVA		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents	•	
	_							
							AS	
	Name of	Manufacturer	National	Other	Year	Repaired,	Co	de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement		de
Name of	Manufacturer Bergen					Replaced or	Co Stan	de iped
Name of Component	Manufacturer Bergen Patterson Bergen	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Co Stan YES	de nped NO
Name of Component Cylinder	Manufacturer Bergen Patterson Bergen Patterson Bergen Bergen	Serial No.	Board No.	Identification N/A	Built 1992	Replaced or Replacement Replaced	Co Stan YES	de nped NO
Name of Component Cylinder Cylinder	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen	Serial No. 110 110	Board No. N/A N/A	Identification N/A N/A	Built 1992 2003	Replaced or Replacement Replaced Replacement	Stan YES	de nped NO
Name of Component Cylinder Cylinder Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Bergen Patterson	Serial No. 110 110 110	Board No. N/A N/A N/A	Identification N/A N/A N/A	Built 1992 2003 1992	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO 🖾
Name of Component Cylinder Cylinder Manifold Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Serial No. 110 110 110	Board No. N/A N/A N/A N/A	Identification N/A N/A N/A N/A N/A	Built 1992 2003 1992	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO 🖾
Name of Component Cylinder Cylinder Manifold Manifold 7. Description	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson On of Work	Serial No. 110 110 110 110 110 eplace cylinder	Board No. N/A N/A N/A N/A rtube and m	Identification N/A N/A N/A N/A AV/A anifold	Built 1992 2003 1992 2003	Replaced or Replacement Replaced Replacement Replaced Replaced Replaced	YES	de nped NO 🖾
Name of Component Cylinder Cylinder Manifold Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson On of Work	Serial No. 110 110 110 110 110 eplace cylinder drostatic	Board No. N/A N/A N/A N/A	Identification N/A N/A N/A N/A N/A anifold natic	Built 1992 2003 1992 2003	Replaced or Replacement Replaced Replacement Replaced	YES	de nped NO 🖾

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision 4 TITLE: REPLACEMENTS - FORM NIS-2 Page 2 of 2 ITEM 2002-21-0374 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. DOLLA NOE LUITE Date 7/18 Signed Owner or Owner's Designée, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVNESOTA and employed by INRIFURD STEAM BOILEX OF CONNECTICUT OF HART PURY, CT 7 / (f / 0), and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 WB 11863 ANJ HN 80 40 28-CO National Board, Province and Endorsements

MONTICELLO NUCLEAR GENERATING PLANT 3613				
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4		
	REPLACEMENTS - FORM NIS-2	Page 1 of 2		

		•			ITEM	2002-21-0375	<u> </u>	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.				:				
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
Owner Xcel Energy Company				Date _7	7/18/2003			
Name								
Plant				_ Sheet <u>_1</u>		of <u>_2</u>	<u></u>	
000714/ 0-4	Dd 75 Mae	Name	TERRO	14/0 #00	00066			
2807 VV. Cht	 	nticello, Minnes Idress	01a 55362	WO #02		tion D.O. No. I	lah Na	oto
	AC	idiess		Repair	Organiza	tion P.O. No., J	OD NO.	eic.
3. Work Pe	rformed By $\underline{\lambda}$	cel Energy Co				l Stamp N/A		
	•	Company	Name	Authoriza	tion No.	N/A		
2807 W	. Cty Rd 75, M	onticello, MN 5	55362	Expiration	n Date	N/A		
	Ac	Idress						
4. Identifica	tion of System	Spare - 20 K	(ip Snubber			· · · · · · · · · · · · · · · · · · ·		
5. (a) Applicable Construction Code ANSI B31.1					1967	E	dition	
Addenda <i>None</i> Code Cas				Case _	Year N/A			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement								
(b) Applica	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986		
. , , , .		Section XI Utili: nents Repaired	·	·	_			
. , , , .		•	·	·	_	mponents		ME
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	nponents Repaired,	Co	de
6. Identifica	tion of Compor Name of	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	nponents Repaired, Replaced or	Co Stan	de nped
6. Identifica Name of Component	tion of Compor Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Col Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO
Name of Component Reservoir tube	Name of Manufacturer Bergen Patterson	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	nponents Repaired, Replaced or	Co Stan	de nped
Name of Component Reservoir tube Reservoir	Name of Manufacturer Bergen	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Col Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO
Name of Component Reservoir tube	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO
Name of Component Reservoir tube Reservoir tube	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen	Manufacturer Serial No. 114	National Board No. N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO
Name of Component Reservoir tube Reservoir tube Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Manufacturer Serial No. 114 114	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	de nped NO M
Name of Component Reservoir tube Reservoir tube Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Manufacturer Serial No. 114 114	National Board No. N/A N/A N/A	Other Identification N/A N/A N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	de nped NO
Name of Component Reservoir tube Reservoir tube Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Manufacturer Serial No. 114 114 114 114	National Board No. N/A N/A N/A	Other Identification N/A N/A N/A N/A n/A	Year Built 1993 2003 1993 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	de nped NO

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

Page of 2

	2 orms 1
	ITEM <u>2002-21-0375</u>
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional test per 0251, VT-3 to be completed when installed.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Replacement repair/replacement
	Signed Town Janes, NDE Lul III Date 7/18, 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 HINKSOM and employed by HARTFORD STEAM ROFLED OF COLMCTICET OF HARTFORD CT have inspected the components described in this Owner's Report during the period 11/18/02 to 7/18/03 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.
	Lux A Ruleck. Commissions NR 1/863 4, NF 14 00 402 5- CO Inspector's Signature National Board, Province and Endorsements
	Date

MONTIC	MONTICELLO NUCLEAR GENERATING PLANT 3613				
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4			
	REPLACEMENTS - FORM NIS-2	Page 1 of 2			

					ITEM	2002-21-0	376	
NOTE 1:	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.				2			
NOTE 2:	Supplemental she 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sh		each .
1. Owner	Xcel Energy	Company		Date _0	7/30/200	3		
		Name						
2. Plant				_ Sheet _1	'	of	2	
Name								
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address			_	WO #0202267 Repair Organization P.O. No., Job No. etc.				
				•	_		,	. e.c.
3. Work F	Performed By			Type Code Symbol Stamp N/A Authorization No. N/A				
2907	W. Cty Rd 75, N	Company (Expiration				
2007		ddress	JJJ02	_ Expiration	I Date _	1V/A		
	,				_			
4. Identifi	cation of System	Core Spray	- Relief valve	e RV-1745, Cl	ass 2			·
F ' (=\ A = =)	inabla Camata d	San Coda AA	OLD 24 4			4077	_	
5. (a) App	icable Construct	ion Code AN	SI B3 1. I		'	1977 Year	=	dition
Add	enda Winter 1	978		Code	Case	- -	•	
(ln). A mind			and for Door	-iro or Donloo		1006		
(b) Appi	icable Edition of	Section XI Utili.	zea for Repa	airs or Replace	ement _	1900		
6. Identifi	cation of Compo	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
	Ţ		<u> </u>	I			AS	ME
			ļ			Repaired		ode
Name of	Name of	Manufacturer	National	Other	Year	Replaced		nped
Componen		Serial No. <i>N89658-00-</i>	Board No.	Identification	Built	Replaceme		NO
Relief Valve	Crosby	0002			1997	Replaced		
Relief Valve	Crosby	N89658-00- 0003	,	· · · · · · · · · · · · · · · · · · ·	2003	Replaceme	ent 🛛	
					•	· · · · · · · · · · · · · · · · · · ·		
			<u> </u>			 		$\overline{\Box}$
			·					 -
	<u> </u>							
7. Descrip	tion of Work	Replacement of	Relief Valve	RV-1745 with	new, sp	are valve fro	om stock.	
8. Tests C	onducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating	Pressure	\boxtimes
	Ot	her 🗌	Pressure	305	psi	Test Temp		°F
					•			

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 41363

Page 3 of 2

	ITEM <u>2002-21-0376</u>
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Pressure setpoint and leak check verified per 0255-03-IB-1. VT-2 per 0255-03-IIB.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Told Section XI ISI Coordinator Date July 30, 2003 Owner or Owner's Designee, Title
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
·	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of https://www.nuffedecomponents.com// National Board of Boiler and Pressure Vessel Inspectors and the State or Province of https://www.nuffedecomponents.com// National Board of Boiler and Pressure Vessel Inspectors and employed by https://www.nuffedecomponents.com/ hattfield components compo
·`(By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 LR 11863 A, V, I HVOG 4928 CO Inspector's Signature National Board, Province and Endorsements
	Date 5414 31 . 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0377			
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
NOTE 2:	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a	and (3) e	each	
1. Owner	r Xcel Energy (Date <u>7</u>	/18/2003	<u></u>			
2. Plant	Monticello Nu	Name clear Generatir	na Plant	Sheet 1	•	of 2			
Z. Fight	THO TRUE TO THE	Name	gran			0'		-	
2807 W. C	Cnty. Rd. 75, Moi		ota 55362	WO #02		4: D.O. N I	- h . h l -		
		dress		•	_	tion P.O. No., J	OD NO.	etc.	
3. Work f	Performed By _>	<i>Cel Energy Co</i> Company		_ Type Cod Authoriza	-	ol Stamp <u>N/A</u> N/A			
2807	W. Cty Rd 75, M			Expiration	-	N/A			
	Ad	ldress		-	_				
4. Identifi	cation of System	Spare - 20 K	(ip Snubber			·			
				•			_		
5. (a) App	licable Construct	on Code AN	SI B31.1		· · · · ·	1967 Year	E	dition	
Add	lenda <i>None</i>			Code	Case _	N/A			
	radio m are i ac	Section XI I Itili:	zed for Repa	aire or Renlace		1986			
(b) App	licable Edition of	 (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 Identification of Components Repaired or Replaced and Replacement Components 							
			·		_				
			·		_	mponents		ME	
			·		_		Co	ME de	
6. Identifi	cation of Compor Name of Manufacturer	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	Co	de	
6. Identifi	cation of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired, Replaced or	Co Stan	de 1ped	
6. Identifi Name of Componen	Cation of Compor Name of Manufacturer Bergen	Manufacturer Serial No.	or Replaced National Board No.	d and Replace Other Identification	ment Co Year Built	Repaired, Replaced or Replacement	Co Stan YES	de nped NO	
6. Identifi Name of Componen Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO	
6. Identifi Name of Componen Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO	
6. Identifi Name of Componen Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	de nped NO	
6. Identifi Name of Componen Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 019A 019A	National Board No. N/A N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	YES	de nped NO	
6. Identifi Name of Componen Manifold Manifold 7. Descrip	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 019A 019A	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced	YES	de nped NO	
6. Identifi Name of Componen Manifold Manifold 7. Descrip	Name of Manufacturer Bergen Patterson Bergen Patterson Stion of Work R Conducted: Hy	Manufacturer Serial No. 019A 019A	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced Replacement	YES	de nped NO	

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision 4 **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0377 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. MANE LUITE Date 7/18 Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA __ and employed by HARTFORD STEAM BULER OF CONNECTICAT OF HARTFURD, CT have 7/18/13 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 1/863 A, N, I HN 004028-CO National Board, Province and Endorsements 2057 JULY 18 Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

				ITEM	2002-21-0378	!	
	not address all items (ASME SECTION XI						:
8-1/2 in x 11 in	sheets in form of list: (2) information in ite ered and the number	ems 1 through	6 on this report	is include	d on each sheet, a		each
1. Owner Xcel Energ	gy Company	·	Date7	7/18/2003	<u> </u>		
	Name						
2. Plant Monticello	Nuclear Generatir	ng Plant	Sheet <u></u>		of <u>2</u>		
2007 M. Cali. Bd 75	Name Manticella Minne	note EESES	WO #02	02066			
2807 W. Cnty. Rd. 75,	Address	501a 55362			tion P.O. No., J	oh No	etc
	•		•	•	•	OD 110.	eic.
Work Performed By			- • • •	-	Stamp N/A		
0007144 04 504 75	Company		Authoriza		N/A		
2807 W. Cty Rd 75	i	00362	_ Expiration	Date _	N/A		•
	Address		•		•		
4. Identification of Syst	em <i>Spar</i> e - 20 k	(ip Snubber					
5. (a) Applicable Constr	uction Code AN	ISI B31.1	<u> </u>	,	1967	E	dition
A 11		•	0 1		Year.		
Addenda <u>None</u>	·		Code	Case _	W/A		
(b) Applicable Edition	of Section XI Utili	zed for Repa	airs or Replace	ement	1986		
6. Identification of Com	ponents Repaired	or Replaced	d and Replace	ment Co	mponents		
						AS	ME ·
None of Name of			045	, 	Repaired,		de
Name of Name of Component Manufacture		National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
Cylinder Bergen		 					
tube Pattersor	107	N/A	N/A	1992	Replaced		☒
Cylinder Bergen tube Patterson	107	N/A	'N/A	2003	Replacement		\boxtimes
Porcen		81/0	A//A	1002	Booleand		8
Patterson	107	N/A	N/A	1992	Replaced		
Manifold Bergen Pattersor	107	N/A	N/A	2003	Replacement		\boxtimes
				,			
7. Description of Work	Replace cylinde	r tube and m	anifold				
8. Tests Conducted:	Hydrostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
	Other 🗌	Pressure		psi	Test Temp		_ °F.

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

ITEM 2002-21-0378 (Applicable Manufacturer's Data Reports to be Attached) Remarks Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HINVESOLA ____ and employed by HARTFORD STEAL BOILER OF CONNECTICUT OF HARTERBUIC have inspected the components described in this Owner's Report during the period 12/3/02 7// r/oz and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 NR 11567 4, N. I MN 00 4025-CO National Board, Province and Endorsements

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0379		
	This form may not I AWI-09.04.03 (AS							
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each
1. Owner	Xcel Energy C			Date7	//18/2003			
O Dient	Monticelle Nu	Name	a Dlont	Shoot 1		-£ 0		
2. Plant	Monticello Nu	clear Generatir Name	ig Plant	_ Sheet <u>1</u>		of <u>2</u>		
2807 W. Cı	nty. Rd. 75, Mor		ota 55362	WO #02	02066			
	Ad	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work P	erformed By λ	(cel Energy Co		Type Cod	le Symbo	Stamp N/A		
		Company	Name	Authoriza	•			
2807 V	V. Cty Rd 75, M		55362	_ Expiration	Date _	N/A		
	Ac	idress				٠.		
4. Identific	ation of System	Spare - 20 K	(ip Snubber					
5. (a) Appli	cable Constructi	ion Code AN	SI B31.1	·		1967	E	dition
Adde	enda <i>None</i>	,		Code	Case _	Year N/A		
(b) Appli	cable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986	-	
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
								
]	·					AS	
Name of	Name of	Manufacturer	National	Other	Year	Repaired,	Co	de -
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	J	de -
		i .	1			Replaced or	Co Stan	de iped
Component	Manufacturer Bergen	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Co Stan YES	de nped NO
Component Piston Rod	Manufacturer Bergen Patterson Bergen	Serial No. 108	Board No.	Identification N/A	Built 1992	Replaced or Replacement Replaced	Co Stan YES	de nped NO
Piston Rod Piston Rod	Manufacturer Bergen Patterson Bergen Patterson Bergen Bergen	Serial No. 108 108	Board No. N/A N/A	Identification N/A N/A	Built 1992 2003	Replaced or Replacement Replaced Replacement	Co Stan YES	de nped NO
Piston Rod Piston Rod Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen	Serial No. 108 108 108	Board No. N/A N/A N/A	Identification N/A N/A N/A	Built 1992 2003 1992	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO M
Component Piston Rod Piston Rod Manifold Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen	Serial No. 108 108 108 108	Board No. N/A N/A N/A N/A	Identification N/A N/A N/A N/A N/A	Built 1992 2003 1992	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO
Component Piston Rod Piston Rod Manifold Manifold	Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Serial No. 108 108 108 108	Board No. N/A N/A N/A N/A	Identification N/A N/A N/A N/A ifold	Built 1992 2003 1992 2003	Replaced or Replacement Replaced Replacement Replaced	Co Stan YES	de nped NO

·		
MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 3 of 2
		2 am
•	ITEM 2002-	21-0379
9. Rema	rks (Applicable Manufacturer's Data Reports to be Attached)	
Func	tional test per 0251, VT-3 to be completed when installed.	
	CERTIFICATE OF COMPLIANCE	
		4
		cement
contorm	is to the rules on the ASME Code, Section XI. re∦air/re	pracement
		,
Signed	10m JOHN NOE LV/ IF Date 7/18	., 2003
	Owner or Owner's Designee, Title	
		. (
<u> </u>		
	CERTIFICATE OF INSERVICE INSPECTION	
Inspecto	ndersigned, holding a valid commission issued by the National Board of Boiler are some state or Province of MINNESOTA CT	
inspecte	d the components described in this Owner's Report during the period/2/	3/02 to
7 // R	and state that to the best of my knowledge and belief, the Owntions and taken corrective measures described in this Owner's Report in ac	
	nents of the ASME Code, Section XI.	
By signi	ng this certificate neither the Inspector nor his employer makes any warranty, ex	pressed or implied.
concerni	ing the examinations and corrective measure described in the Owner's Report. F	urthermore, neither
	ector nor his employer SHALL be liable in any manner for any personal injury of proceedings of the following from or connected with this inspection.	property damage or

Date <u>July 18</u>, 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	_	•			ITEM	2002-21-0380)	
	This form may not 4 AWI-09.04.03 (AS) .
1	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy (···	Date <u>7</u>	7/18/2003	<u> </u>		
0. 5%	Adambia - Ha Aba	Name		Object	,			
2. Plant	Monticello Nu	clear Generatir Name	ig Plant	Sheet _1		of <u>_2</u>		
2807 W. C	nty. Rd. 75, Moi	* *	ota 55362	WO #02	02066			
		ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work P	erformed By	(cel Enerav Co		Type Coo	le Symbo	ol Stamp N/A		
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Company		Authoriza	-	N/A		
2807	N. Cty Rd 75, M	onticello, MN 3	55362	Expiration	n Date	N/A		
	Ac	Idress						
4. Identific	ation of System	Spare - 20 K	(ip Snubber					
5. (a) Appli	cable Construct	ion Code AN	SI B31.1			1967	E	dition
Adde	enda <i>None</i>	<u>.</u>		Code	Case	Year N/A		
(b) Appli	cable Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986		
	cable Edition of ation of Compor		•		-			<u> </u>
			•		-	mponents	L	ME
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	Co	de .
			•		-	mponents	Co	
6. Identific	Name of Manufacturer Bergen	nents Repaired Manufacturer	or Replaced	d and Replace	ment Co	Repaired, Replaced or	Co Stan	de nped
6. Identification Name of Component	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Co Year Built	Repaired, Replaced or Replacement	Stan	nped NO
6. Identifice Name of Component Manifold	Name of Manufacturer Bergen Patterson	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan	nped NO
6. Identifice Name of Component Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stand YES	nped NO
6. Identifice Name of Component Manifold	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 122 122	National Board No. N/A N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Stan YES	ode nped NO
Name of Component Manifold Manifold 7. Description	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 122 122	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced Replacement	YES	ode nped NO
Name of Component Manifold Manifold 7. Description	Name of Manufacturer Bergen Patterson Bergen Patterson tion of Work R onducted: Hy	Manufacturer Serial No. 122 122	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1993 2003	Repaired, Replaced or Replacement Replaced	YES	ode inped NO

OWNER'S REPORT FOR REPAIRS OR

3613 Revision

		REPLACEMENTS - FORM NIS-2	Page 3 of 2
			2 9ms (
		ITEM _2002-2	21-0380
9.	Remar	ks (Applicable Manufacturer's Data Reports to be Attached)	
	Func	ional test per 0251, VT-3 to be completed when installed.	•
	 .		•
		CERTIFICATE OF COMPLIANCE	1-
,	We certi	fy that the statements made in the report are correct and this $\frac{2e\rho/a}{}$	eement
(conform	s to the rules on the ASME Code, Section XI. repair/re	placement
9	Signed	Tom Jours ANDE INT Date 7/1	1 2003
`	Oigilou	Owner or Owner's Designee, Title	, 2003
	<u> </u>		
			(`
		CERTIFICATE OF INSERVICE INSPECTION	
		dersigned, holding a valid commission issued by the National Board of Boiler and sand the State or Province of <u>MIMCらみ</u> a	d Pressure Vessel nd employed by
Ė	UNRIFO	IRM STEAM BOILER OF CONNECTICUT OF MARTFORD, CT	have
İ		the components described in this Owner's Report during the period <u>, , ε / 3</u> , and state that to the best of my knowledge and belief, the Ow	
	examina	tions and taken corrective measures described in this Owner's Report in ac	
ſ	requirem	ents of the ASME Code, Section XI.	
		ng this certificate neither the Inspector nor his employer makes any warranty, ex	
		ng the examinations and corrective measure described in the Owner's Report. Frector nor his employer SHALL be liable in any manner for any personal injury of p	
		any kind arising from or connected with this inspection.	
•	. ,		
		Inspector's Signature Commissions NR // 863 1, N. 1 National Board, Province as	4N004028-CO
	·	inspector's Signature inational board, Province a	iiu Endorsements
	Date	JULY 18 . 2003	•
		•	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
·	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-038	1		
	nis form may not AWI-09.04.03 (AS							:	
8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each	
1. Owner	Xcel Energy C	Company	•	Date 7	/18/2003	·			
•		Name		_					
2. Plant	Monticello Nu	clear Generatir	ng Plant	Sheet <u>1</u>	·	of _:	2		
		Name		1440 1100					
2807 W. Cn	ty. Rd. 75, Mor		ota 55362	WO #02					
	At	Idress		Repair	Organiza	tion P.O. No.,	JOD NO.	etc.	
Work Pe	rformed By _X			• • • •	-	l Stamp <u>N/A</u>		· .	
		Company		Authoriza		N/A			
2807 W	. Cty Rd 75, M		55362	Expiration	Date _	N/A			
•	Ac	ldress							
4. Identifica	tion of System	Spare - 20 K	(ip Snubber						
F (a) Applia	able Constructi	on Codo AM	CI D21 1			1967	Ē.	dition	
5. (a) Applic	able Constitucti	on code Aiv	31 23 1.1		<u> </u>	Year	— <u>-</u> '	uitiori	
Adder	nda <i>None</i>	·		Code	Case	N/A			
(h) Applic	able Edition of	Section XI Litili	and for Pen	eire or Renlace	- ament	1986			
(b) Applic	able Edition of		zeu ioi ivepi	all's of Meplace	-	7300	***		
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents			
	ĺ						AS	ME	
	N1 6			015	V	Repaired,	1	ode	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO	
	Bergen	·				 	1		
Manifold	Patterson	123	N/A	N/A	1992	Replaced		\boxtimes	
Manifold	Bergen Patterson	123	N/A	N/A	2003	Replacement		☒	
		•							
						·			
7. Description	7. Description of Work Replace manifold								
•				natic 🗆	Nomine	al Operating Br	Accure		
7. Description		drostatic	Pneun Pressure		Nomina psi	al Operating Pi Test Temp	essure	—— □ °F	

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2002-21-0381 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNE SOTA ___ and employed by MARTFORD STEAM BOILER OF CONNECTICUT OF MARTFORD, CT have $\frac{7}{//}$ / $\frac{3}{\sqrt{3}}$ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 \[\begin{align*} \text{NB | 1867 | A, N, S | HW 00 4028-C0} \\ \text{National Board, Province and Endorsements} \end{align*}

Date 7444 (8 , 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

				-	ITEM	2002-21-0382	2	_
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.					each			
1. Owner	Xcel Energy C	Company		Date <u>_7</u>	/18/2003			
O Dlank	Montinglio Nov	Name	a Dinat	Shoot 1		-5 0		
2. Plant	Monticello Nui	clear Generatin Name	ig Plant	Sheet		of <u>2</u>		
2807 W. Cnt	ty. Rd. 75, Mor		ota 55362	. WO #02	02066			
	Ac	Idress		Repair (Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By λ	cel Energy Co		Type Cod	e Symbo	Stamp N/A		
	,	Company		Authoriza		N/A		
2807 W	V. Cty Rd 75, M		55362	Expiration	Date _	N/A		
	Ad	dress						
4. Identifica	tion of System	Spare - 30 K	ip Snubber					
5. (a) Applic	able Constructi	on Code AN	SI B31.1		1	1967	E	dition
Adder	nda <i>None</i>			Code	Case	Year N/A		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	- ement	1986		
6. Identifica	tion of Compon	ents Répaired	or Replaced	and Replace	ment Co	mponents		
							1	ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	1	de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Manifold	Bergen Patterson	051	N/A	N/A	1993	Replaced		\boxtimes
Manifold	Bergen Patterson	051	N/A	N/A	2003	Replacement		\boxtimes
			,	·				
7. Description	on of Work R	eplace manifolo	<u> </u>				L	
8. Tests Co		drostatic	Pneun	natic [Nomina	al Operating Pro	assura	
U. 15313 UUI				- -	•		.33ai G	°F
	Otr	ner 🗌	Pressure	·	psi	Test Temp _		_ 「

3613

Revision

		REPLACEIVIEN 13 - FURIVI NI3-2	Page 3 of 2
			2 orms
		ITEM 2002-2	21-0382
9.	Remai		
	Funci	tional test per 0251, VT-3 to be completed when installed.	
			·
			·
			
		CERTIFICATE OF COMPLIANCE	
,	We certi	fy that the statements made in the report are correct and this $\frac{Peol}{}$	acement
	conform		olacement
,	Signed	Owner or Owner's Designee, Title	18 2003
,	olylica	Owner or Owner's Designee, Title	, 2003
		CERTIFICATE OF INSERVICE INSPECTION	
		dersigned, holding a valid commission issued by the National Board of Boiler an rs and the State or Province of <u>MIVVESTA</u> a	d Pressure Vessel nd employed by
	MARIF	ORD STEAH BOILER OF COMMETTICHT OF HARTFURD, CT	have
,		d the components described in this Owner's Report during the period $\frac{12/3}{63}$, and state that to the best of my knowledge and belief, the Owner's	
	examina	tions and taken corrective measures described in this Owner's Report in ac	
	equirem	ents of the ASME Code, Section XI.	
		ng this certificate neither the Inspector nor his employer makes any warranty, exp	
		ng the examinations and corrective measure described in the Owner's Report. Fuector nor his employer SHALL be liable in any manner for any personal injury of p	
ä	a loss of	any kind arising from or connected with this inspection.	
		Inspector's Signature Commissions NB 11863 A, N, I AN National Board, Province as	oo 4028-CU
			id Endolocinonia
	Date	JULY 18, 2007	
			•

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4 Page 1 of 2

					ITEM	2002-21-0383	}		
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
8-	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy C	Company		Date <u>7</u>	/18/2003				
0 51	Non-Air-Ma No.	Name	- Dit						
2. Plant	Monticello Nu	clear Generatin Name	ig Plant	_ Sheet <u>_1</u>		of <u>2</u>			
2807 W. Cnt	ty. Rd. 75, Mor	nticello, Minnes	ota 55362	WO #02	02066				
		dress		Repair	Organiza	tion P.O. No., J	ob No.	etc.	
3. Work Pe	rformed By メ	(cel Energy Co		Type Cod	le Symbo	I Stamp N/A			
		Company	Name	Authoriza		·			
2807 W		onticello, MN 5	55362	Expiration	Date _	N/A			
	Ac	Idress					•		
4. Identifica	tion of System	Spare - 30 K	ip Snubber						
5. (a) Applic	able Constructi	on Code AN	SI B31.1		,	1967 Year	E	dition	
Adder	nda <i>None</i>			Code	Case _	•			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986									
(b):/ (pp.io	abic Edition of	6. Identification of Components Repaired or Replaced and Replacement Components							
, , , , ,			·		_				
, , , , ,			·		_	nponents	AS		
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents Repaired,	Co	de	
, , , , ,			·		_	nponents		de	
6. Identifica	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Cor	nponents Repaired, Replaced or	Co Stan	de nped	
6. Identifica Name of Component	Name of Manufacturer Bergen	nents Repaired Manufacturer Serial No.	or Replaced National Board No.	d and Replace Other Identification	ment Cor Year Built	nponents Repaired, Replaced or Replacement	Co Stan YES	de iped NO	
6. Identifica Name of Component Cylinder	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen	Manufacturer Serial No.	or Replaced National Board No. N/A	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	Co Stan YES	de nped NO	
Name of Component Cylinder Cylinder	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 100	National Board No. N/A	Other Identification N/A	Year Built 1992 2003	Repaired, Replaced or Replacement Replaced Replaced	Co Stan YES	de nped NO	
Name of Component Cylinder Cylinder Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen	Manufacturer Serial No. 100 100	National Board No. N/A N/A	Other Identification N/A N/A	Year Built 1992 2003	Repaired, Replaced or Replacement Replaced Replacement Replaced	Co Stan YES	de nped NO M	
Name of Component Cylinder Cylinder Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Manufacturer Serial No. 100 100	National Board No. N/A N/A N/A N/A	Other Identification N/A N/A N/A N/A	Year Built 1992 2003	Repaired, Replaced or Replacement Replaced Replacement Replaced	Co Stan YES	de nped NO S S S S S S S S S S S S S S S S S S	
Name of Component Cylinder Cylinder Manifold Manifold	Name of Manufacturer Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson Bergen Patterson	Manufacturer Serial No. 100 100 100	National Board No. N/A N/A N/A N/A	Other Identification N/A N/A N/A N/A N/A	Year Built 1992 2003 1992 2003	Repaired, Replaced or Replacement Replaced Replacement Replaced	Co Stan YES	de nped NO S S S S S S S S S S S S S S S S S S	

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision 4 **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0383 9. Remarks : (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINICS OF and employed by HARIFORD SICAM BOILER OF CONNECTICUT OF HAFTFORD inspected the components described in this Owner's Report during the period 12/3/07 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 1/863 A, N I HW 00 4028-CO National Board, Province and Endorsements

T464 18

Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0384	 4	
NOTE 1: T	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.	s and (3)	each
1. Owner	Xcel Energy (_ Date	7/18/2003	· 		_
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet _1	<u> </u>	of _2	2	
2007.14/ Co.	h. Dd 75 Mai	Name		14/0 #00	00000	•	•	
2807 VV. CII	ty. Rd. 75, Moi Ad	dress	501a 55362	WO #02		tion P.O. No., J	loh No	etc.
				•	_	•	100 140.	eic.
3. Work Pe	rformed By _X	Company Company		_ Type Coo Authoriza		Stamp N/A		
2807 W	. Cty Rd 75, M			Expiration		_N/A N/A		
		dress			-			
4. Identifica	tion of System	Spare - 30 K	(ip Snubber		 _			· ·
5. (a) Applic	able Constructi	ion Code <u>AN</u>	SI B31.1		,	1967 Year	E	dition
Adder	nda <i>None</i>			Code	Case	Vear N/A		
(b) Applic	able Edition of	Section XI Utili	zed for Repa		-	1986		
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents		
								ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	B .	de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Cylinder	Bergen Patterson	141	N/A	N/A	1993	Replaced		Ø
Cylinder	Bergen Patterson	141	N/A	N/A	2003	Replacement		\boxtimes
Manifold	Bergen Patterson	141	N/A	N/A	1993	Replaced		Ø
Manifold	Bergen Patterson	141	N/A	N/A	2003	Replacement		☒
					t			
7. Description	on of Work R	eplace cylinder	tube and m	anifold	-			
8. Tests Cor	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
	Oth	ner 🔲	Pressure		psi	Test Temp		°F
			•			_		-

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2002-21-0384 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Duld, NOE LV III Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIUNTSOIN __ and employed by HARTFORD STEAM BUILER OF COUNTECTICUT OF HARTFORD, CT inspected the components described in this Owner's Report during the period 12/6/02 7//8/03 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 11863 A, N, I MN 004028-CO National Board, Province and Endorsements Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	•	3613
TITLE:	OWNER'S REPORT FOR	REPAIRS OR	Revision 4
	REPLACEMENTS - FO	ORM NIS-2	Page 1 of 2
		ITEM 2002-	21-0385
NOTE 1:	This form may not address all items needed for doc 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACE)	cumentation of a repair/replacement	ent program, see guidance.
NOTE 2:	Supplemental sheets in form of lists, sketches, or d 8-1/2 in x 11 in, (2) information in items 1 through 6 sheet is numbered and the number of sheets is reco	on this report is included on eac	(1) size is h sheet, and (3) each
1. Owner	Xcel Energy Company	Date 7/18/2003	
2. Plant	Name Monticello Nuclear Generating Plant	Sheet 1	of 2
2807 W. C	Name Inty. Rd. 75, Monticello, Minnesota 55362	WO #0202066	
	Address	Repair Organization P.C). No., Job No. etc.
3. Work F	Performed By Xcel Energy Co	Type Code Symbol Stamp	N/A
	Company Name	Authorization No. N/A	
2807	W. Cty Rd 75, Monticello, MN 55362	Expiration Date N/A	
	Address	-	
4. Identifi	cation of System Spare - 30 Kip Snubber		
5. (a) Appl	icable Construction Code ANSI B31.1		Edition
Add	enda <i>None</i>	Code Case N/A	ear
(b) Appl	icable Edition of Section XI Utilized for Repair	s or Replacement 1986	
6 Identific	cation of Components Papaired or Paplaced s	and Poolessment Company	+ ^

Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Co	ME ode nped NO
Cylinder	Bergen Patterson	521	N/A	N/A	1993	Replaced		×
Cylinder	Bergen Patterson	521	N/A	N/A	2003	Replacement		×

7.	Description of Work	Repla	ce cyl	linder	tube on snubber	SN 521	•		
8.	Tests Conducted:	Hydros	tatic		Pneumatic		Nomin	nal Operating Pressure	
		Other			Pressure		psi	Test Temp	-°F

MONTIC	ELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR R	EPAIRS OR	Revision 4
	REPLACEMENTS - FOR	•	Page 3 of 2
			1 976
	·	ITEM 0000	24 0005
0 D.	de l'ambanha Man, fest, codo Dat	ITEM <u>2002</u>	-21-0385
9. Remai	ks (Applicable Manufacturer's Dat	a Reports to be Attached)	
<u>Func</u>	tional test per 0251, VT-3 to be completed whe	n installed.	
			
		··	
		•	
			
	CERTIFICATE OF CO	MPLIANCE	
We certi	fy that the statements made in the report are correc	and thisRepl	acement
conform	s to the rules on the ASME Code, Section XI.	repair/r	eplacement
0:	-10a 10001	/ <u></u>	1 2-2
Signed	Owner or Owner's Designee, Title	Date ///	, 2003
•			· ·
			
	CERTIFICATE OF INSERVI	CE INSPECTION	,
I, the un	dersigned, holding a valid commission issued by the	e National Board of Boiler a	ind Pressure Vessel
	rs and the State or Province of hive	HARTPORD, CT	and employed by
	oku <u>steam boucer of counterieut</u> of d the components described in this Owner's Report		have lo
	$\frac{(8/\sigma_3)}{(8/\sigma_3)}$, and state that to the best of my	knowledge and belief, the O	wner has performed
	tions and taken corrective measures described i	n this Owner's Report in a	ccordance with the
requirem	ents of the ASME Code, Section XI.		
	ng this certificate neither the Inspector nor his emp		
	ng the examinations and corrective measure descri ector nor his employer SHALL be liable in any man		
•	any kind ansing from or connected with this inspect	• • • • • • •	property damage or
	م ک	•	
٠.	Inspector's Signature Commissions	UR USK3 ANT A	ALL AD HOT K-CO
· ·	Inspector's Signature	National Board, Province	and Endorsements
Date	JULY 18 , 2007		
Date	, 2003	-	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0386	<u> </u>	
	his form may not AWI-09.04.03 (AS							!
	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner	Xcel Energy C			Date 7	/18/2003			
2. Plant	Monticello Nu	Name clear Generatin	no Plant	Sheet 1		of 2		
2. 1 1011	11101111101101111	Name	.ga		-			
2807 W. Cr	ity. Rd. 75, Mor		ota 55362	WO #02	01002			
	Ac	dress	•	Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By 1	IMC/Xcel Energ	gy Co	Type Cod	le Symbo	Stamp N/A		
÷	<u> </u>	Company	Name	Authoriza	tion No.	N/A		
_2807 V	V. Cty Rd 75, M	onticello, MN 5	55362	Expiration	Date _	N/A		
	Ac	Idress						
4. Identifica	ation of System	Main Steam	Safety/Relie	ef Valve Main	Stage As	sembly (spare)		
5 (a) Appli	cable Constructi	ion Code AM	CI D31 1			•	. =	dition
5. (a) Applic	Lable Constitucti	on code Aiv	<u> </u>		 '	Year		JILIOH
Adde	nda <i>None</i>	_		Code	Case _	V/A		·
(b) Applic	cable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		· · · · · · · · · · · · · · · · · · ·
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
							r .	ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired,		de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced or Replacement	YES	NO
MainStage Disc	Target Rock	123	N/A	N/A	1967	Replaced		×
MainStage Disc	Target Rock	4567	N/A	N/A	2003	Replacement		⊠.

		·						
7. Descripti	on of Work R	eplace Main St	age Disc			•		
8. Tests Co		drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
		ner 🗌	Pressure		psi	Test Temp _		_ °F

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 3 of 2 2 your 7/1. ITEM 2002-21-0386 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Fabrication code per GE Spec 21A9206; ASME Sect III '68 with Winter add. ANS B16.5 and ANSI B31 1.0. The addenda dates for latter two specs assumed to be 1968. VT-3 to be completed as part of procedure 4280-01-PM CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel inspectors and the State or Province of MIUVESOTA and employed by MARTFORD STEAM BOILER OF CONNECTION OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/12/02 7/18 Lo3 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or

Commissions NS 11863 ANT HW 004028-CU

National Board, Province and Endorsements

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

JULY 18

Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2002-21-0387		
	This form may not 4 AWI-09.04.03 (AS							!
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,	; and (3) e	each
1. Owner	Xcel Energy C	Company		Date 0	7/31/200	3	•	
		Name		-	•			
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>_1</u>		of <u>2</u>) 	
		Name						
2807 W. C	nty. Rd. 75, Moi		ota 55362	WO #02				
•	Ac	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work P	erformed By 😕	(cel Energy Co		_ Type Cod	le Symbo	I Stamp N/A		
•		Company	Name	Authoriza	tion No.	N/A		
2807	V. Cty Rd 75, M	onticello, MN 3	55362	_ Expiration	n Date _	N/A		
	Ad	dress	 -	_	_			<u>-</u>
4. Identific	ation of System	SBLC , Clas	s 2	,				
	•							
5. (a) Appli	cable Constructi	ion Code AN	SI B31.1		1	1977	E	dition
					 .	Year		
Adde	enda <u>Summer</u>	1977	·	Code	Case _	N/A		
(b) Appli	cable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986		
1,7			•	•				
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents	AS	ME
						Repaired,	Co	de
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	ode nped
	Name of Manufacturer					Repaired,	Co	de
Name of	Name of Manufacturer Conax Nuclear	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	ode nped
Name of Component	Name of Manufacturer Conax	Manufacturer Serial No.	National	Other	Year Built	Repaired, Replaced or Replacement	Stan YES	nped NO
Name of Component XP-11-14A	Name of Manufacturer Conax Nuclear Conax	Manufacturer Serial No. 427	National	Other	Year Built 2001	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component XP-11-14A	Name of Manufacturer Conax Nuclear Conax	Manufacturer Serial No. 427	National	Other	Year Built 2001	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component XP-11-14A	Name of Manufacturer Conax Nuclear Conax	Manufacturer Serial No. 427	National	Other	Year Built 2001	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component XP-11-14A XP-11-14A	Name of Manufacturer Conax Nuclear Conax Nuclear	Manufacturer Serial No. 427 1489	National Board No.	Other Identification	Year Built 2001 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode nped NO
Name of Component XP-11-14A XP-11-14A	Name of Manufacturer Conax Nuclear Conax Nuclear	Manufacturer Serial No. 427 1489	National Board No.	Other Identification	Year Built 2001 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode nped NO
Name of Component XP-11-14A XP-11-14A	Name of Manufacturer Conax Nuclear Conax Nuclear	Manufacturer Serial No. 427 1489	National Board No.	Other Identification	Year Built 2001 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode nped NO

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4/3/03 Page 3 of 2

	ITEM 2002-21-0387
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	IST requirements met under procedure 0086. No Pressure Testing required, <=NPS-1.
	<u></u>
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Dection XI ISI Coordinator Date July 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 MINNESOFA and employed by HARTFORM STEAM BOILER OF CONNECTICES of HART FORD, CT have
	Inspectors and the State or Province of MINNESOFA and employed by HARTFORM STEAM BOILER OF CONNECTICES of HART FORD, C) have inspected the components described in this Owner's Report during the period 12/23/02 to
	Inspectors and the State or Province of MINNESOFA and employed by HARTFORM STEAM BOILER OF CONNECTICES of HART FORD, CT have
	Inspectors and the State or Province of MINNESOFA and employed by HART FORD STEAM BOILER OF CONNECTICES of HART FORD, CT have inspected the components described in this Owner's Report during the period 12/23/02 to 7/31/03 and state that to the best of my knowledge and belief, the Owner has performed
	Inspectors and the State or Province of MINNESOFA and employed by HARTFORM STEAM MOILER OF COUNTECTION of HARTFORM, CT have inspected the components described in this Owner's Report during the period 1/2/3/02 to 7/31/03 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
	Inspectors and the State or Province of MINNESOFA and employed by HART FORD STEAM BOILER OF CONNECTICAT OF HART FORD, CT have inspected the components described in this Owner's Report during the period 12/21/02 to 7/21/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
-	Inspectors and the State or Province of MINNESOFA and employed by HART FORD STEAM BOILER OF CONNECTICAT OF HART FORD, CT have inspected the components described in this Owner's Report during the period 12/21/02 to 7/21/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
-	Inspectors and the State or Province of MINNESOFA and employed by HART FORD STEAM BOILER OF CONNECTICAT OF HART FORD, CT have inspected the components described in this Owner's Report during the period 1/2/3/32 to 7/31/03 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
-	Inspectors and the State or Province of MINNESOFA and employed by HART FOLD STEAM BOILER OF CONNECTICAT OF HART FOLD, CT have inspected the components described in this Owner's Report during the period 1/2/3/32 to 7/31/32, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
-	Inspectors and the State or Province of MINNESOFA and employed by HART FORM STEAM BOILER OF CONNECTICAT OF HART FORD, CT have inspected the components described in this Owner's Report during the period (2) 102 to 7/21/02, 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.

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

				ITEM	2002-21-0388		
NOTE 1: This form may not 4 AWI-09.04.03 (AS							:
NOTE 2: Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each
1. Owner Xcel Energy C			Date 0	7/31/200	3		
2. Plant Monticello Nu	Name clear Generatir	na Plant	Sheet 1		of 2		
Z. Hartt Wortherno Hu	Name	ig i iaiit		<u> </u>	0, _2		···
2807 W. Cnty. Rd. 75, Moi		ota 55362	WO #02				
	ddress		•	_	tion P.O. No., J	ob No.	etc:
3. Work Performed By λ	<i>Coel Energy Co</i> Company		Type Cod Authoriza	•	I Stamp N/A		
2807 W. Cty Rd 75, M			Expiration		·		
	ldress		•	_		· ^_	
4. Identification of System	SBLC, Class	2		******			
5. (a) Applicable Constructi	on Code AN	SI B31.1		,	1977	E	dition
Addenda S77			Code	Case	Year A//A		
						··	
(b) Applicable Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986		
6. Identification of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
					Banairad		ME ode
Name of Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		nped
Component Manufacturer Conax	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
XP-11-14B Collax Nuclear	426			2000	Replaced		Ø
XP-11-14B Conax Nuclear	1487			2003	Replacement		Ø
			٠.				
			·	,	·		
7. Description of Work R	eplace trigger L	oody and rai	m assembly fo	r #12 SE	BLC squib valve	,	
8. Tests Conducted: Hy	drostatic [Pneun	natic 🔲	Nomina	al Operating Pre	essure	
Oti	ner 🗌	Pressure	<u> </u>	psi	Test Temp _		- °F

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

3613 Revision 43/02

Page & of 2

	ITEM 2002-21-0388
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	IST requirements met under procedure 0086. No Pressure Testing required, <=NPS-1.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this replosement
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Section XI IST CORDINATORDate July 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
	HARTFURD STEAM BOILER OF CONNECTION of HARTFURD (T have inspected the components described in this Owner's Report during the period 12/2) hz 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.
1	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 Will 1163 A, N, 7 MV 00 4028-CU National Board, Province and Endorsements
	,
	Date <u>TULY JI</u> , <u>200 J</u>

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	•				ITEM	2002-21-0390	•	
	This form may not 4 AWI-09.04.03 (AS							:
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a	and (3) e	each
1. Owner	Xcel Energy (Company	·	_ Date _	7/31/2003			
		Name		.				
2. Plant	Monticello Nu	clear Generatin	ig Plant	_ Sheet _1		of <u>2</u>		
2007 \\/ \C	oty Dd 75 Mai	Name	ota 55363	WO #02				
2007 VV. C	nty. Rd. 75, Moi	idress	Ula 55502			tion P.O. No., J	oh No	etc
				•	•	·	OD 110.	Cio.
3. Work P	erformed By 🔼				-	I Stamp N/A		
00071	N 04 D475 M	Company		Authoriza	•			
2807	N. Cty Rd 75, M		00362	_ Expiration	n Date	N/A		<u> </u>
	AC	Idress						
4. Identific	ation of System	Control Rod	Drives, Clas	ss 1		•		
5. (a) Appli	cable Construct	ion Code AS	ME Sect. III		 '	1965 Year	E	dition
Adde	enda <i>None</i>			Code	Case _/			
(b) Appli	cable Edition of	Section XI Utili:	zed for Repa	airs or Replac	ement _	1986, No Addei	nda	
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents		
								ME
Name of	Name of	Manufa Musan	Mational	Other	Vana	Repaired,		de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
CRD	GE	see remarks			various	Replaced		
CRD	GE	see remarks			2003	Replacement		\boxtimes
								
• .								
······································						` .		
7. Descrip	ion of Work E	xchange incore	drives with	refurbished s	pare drive	s		
B. Tests C	onducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	.⊠
	Oti	her 🗌	Pressure		psi	Test Temp		_ °F

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4 1/31/03

Page 3 of 2

			١.
	ITE	M _2002-21-0390	
9.	. Remarks (Applicable Manufacturer's Data Reports to be A	Attached)	_
	The following CRD's were exchanged: 10-31 (replaced sn = 694 / rep	placement sn = 635), 14-31	
	_(1678 / 485), 18-15 (722 / 809), 18-19 (852 / 660), 18-39 (745 / A6574	1), 22-15 (564A / A6841),	
	_22-31 (1547 / 689) , 26-31 (568A / 848), 30-31 (396 / A6861), 38-31 (625 / 850)	
	Pressure Testing with VT-2 performed per 0255-20-IIC-2.		
<u> </u>			
	CERTIFICATE OF COMPLIANCE		,
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI.	replacement repair/replacement	•
	Signed Tection XI I SI Coordinator Date Owner or Owner's Designee, Title	July 31, 2003	
			_(
	CERTIFICATE OF INSERVICE INSPECTION	·	
	I, the undersigned, holding a valid commission issued by the National Board Inspectors and the State or Province of MINITED TO THE HART FORD STEAR BULER OF CONNECTICES MARTERS,	and employed by have d 1/2/20/02 to lief, the Owner has performed	
	By signing this certificate neither the Inspector nor his employer makes any w concerning the examinations and corrective measure described in the Owner's the Inspector nor his employer SHALL be liable in any manner for any personal loss of any kind arising from or connected with this inspection.	Report. Furthermore, neither	

Commissions

2005.

National Board, Province and Endorsements

Inspector's Signature

AUGUIT

Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	•			•	ITEM	_2003-21-0391		
						eplacement progr further guidance		!
-8		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C			Date	/18/2003			
		Name	5	O				
2. Plant	Monticello Nu	clear Generatin	ig Plant	Sheet <u>1</u>		of <u>2</u>		
200714/ 0~	. Dd 75 Mar	Name	eta EESES	WO #02	00066			
2807 VV. Chi	ty. Rd. 75, Mor	idcello, Minnes Idress	ota 55362	WO #020		tion D.O. No. I	ab Na	oto
	AC	idiess	•	Repair	Organiza	tion P.O. No., J	סט ואָס.	etc.
3. Work Pe	rformed By X	cel Energy Co		Type Cod	e Symbo	Stamp N/A		
	· -	Company	Name	Authoriza	tion No.	N/A		
2807 W	⁷ . Cty Rd 75, M	onticello, MN 5	55362	Expiration	Date _	N/A		
<u> </u>	Ac	ldress	•					
4. Identifica	ition of System	Spare - 130	Kip Snubbe	<u>r</u>				
5. (a) Applic	able Constructi	on Code AN	SI B31.1		. ,	1967	E	dition
() - ()						Year.		
Adder	nda <i>None</i>			Code	Case _	N/A		
(b) Application	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986		
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Cor	mponents		
							•	ME
				011		Repaired,	Co	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan YES	npea NO
	Bergen							
Cylinder	Patterson Bergen	179	N/A	N/A	1993	Replaced		
Cylinder	Patterson Patterson	179	N/A	N/A	2003	Replacement		\boxtimes
				·				
7. Description	on of Work R	eplace cylinder	tube on snu	ubber SN 179				
	 مدال باهرماند، باهرم	dractatia 🔽	Pneun	natic 🗍	Nomina	al Operating Pre	SCHILE	П
8. Tests Cor	nauctea: Hy	drostatic	Friedri	iauc [_]	110111111	ar operating in	,55410	

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2003-21-0391 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. med, NDE IN TI Date Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MIVVESOIA ____ and employed by HARTFORD STEAM BOILER OF CONVERTICUT OF MART FORD, CT inspected the components described in this Owner's Report during the period _____/6/17 7/18/03 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. Commissions NA 11863 1,N,3 AN 00 4028-CO National Board, Province and Endorsements Date 7444 18 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0392) 					
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.												
8		information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each				
1. Owner	Xcel Energy Company Date 7/18/2003 Name											
2. Plant	Monticello Nu	Sheet _ <i>_1</i>		of _2	,							
2807 W. Cr	ity. Rd. 75, Mor	Name nticello Minnes	ota 55362	WO #02	02066							
2007 11. 01.		dress				tion P.O. No., J	ob No.	etc.				
3. Work Pe	erformed By _\(\frac{\lambda}{2}\)	(cel Energy Co.	,	Type Cod	e Symbo	Stamp N/A						
		Company		Authoriza		repair/replacement program, see AM) for further guidance. used, provided (1) size is included on each sheet, and (3) each of this form. 8/2003 Of 2 066 ganization P.O. No., Job No. etc. Symbol Stamp N/A n No. N/A ate N/A ent 1986 ent Components Repaired, Replaced Tellon Year Built Replacement YES NO 1992 Replaced Tellon YES NO 1993 Replaced Tellon YES NO 1994 Tellon YES NO 1995 Tellon YES NO 1996 Tellon YES NO 1997 Tellon YES NO 1998 Tellon YES NO 1999 Te						
2807 V	V. Cty Rd 75, M		55362	_ Expiration	Date _	N/A	•					
4. Identifica	ation of System	ldress _ <i>Spare - 70 K</i>	ip Snubber									
5. (a) Applicable Construction Code ANSI B31.1 1967 Edition												
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986						
6. Identifica	6. Identification of Components Repaired or Replaced and Replacement Components											
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or	Co Stan	de nped				
Cylinder	Bergen Patterson	199	N/A	N/A	1992	Replaced		×				
Cylinder	Bergen Patterson	199	N/A	N/A	2003	Replacement		Ø				
						·						
		,										
7. Descripti	on of Work · R	eplace cylinder	tube on sn	ubber SN 199		-						
B. Tests Co	nducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure					
	Oti	ner 🗌	Pressure		psi	Test Temp _		_ °F .				
3087 (DOCUM	ENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:								
	FOR ADMINISTRATIVE Reso Suov: PRGE Assoc Ref PRGE SR: N Fred: 0 vrs											

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

Page 2 of 2

		l _e .
		ITEM 2003-21-0392
9.	Remarks (Applicable Manufacturer's D	ata Reports to be Attached)
	Functional test per 0251, VT-3 to be completed wh	en installed.
	CERTIFICATE OF C	OMPLIANCE
	We certify that the statements made in the report are corrections to the rules on the ASME Code, Section XI.	replacement replacement
÷	Signed Tom Janes, NSE Owner or Owner's Designee, Title	Lv/III Date 7/18 , 2003
	•	
	CERTIFICATE OF INSER	VICE INSPECTION
,	I, the undersigned, holding a valid commission issued by Inspectors and the State or Province of MIVATION STEAM BOLLER OF CONNECTION OF inspected the components described in this Owner's Report of the ASME Code, Section XI.	and employed by /// **** / CT
1	By signing this certificate neither the Inspector nor his emconcerning the examinations and corrective measure describe Inspector nor his employer SHALL be liable in any male loss of any kind arising from or connected with this inspe	cribed in the Owner's Report. Furthermore, neither nner for any personal injury of property damage or
	Inspector's Signature Commission	ns <u>WB 11863 A, W, I HW 20 40 28 - CO</u> National Board, Province and Endorsements
	Date <u> </u>	

MONTIC	3613			
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4		
	REPLACEMENTS - FORM NIS-2	Page 1 of 2		

					IIEM	2003-21	-0393		
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
8	upplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each s			each
1. Owner	Xcel Energy (Company		_ Date _7	/30/03				
		Name							
2. Plant							of _2		
2907 W Ca	ty. Rd. 75, M oi	Name	ota 55362	WO #02	00934, 0	305800			
2007 VV. CII		ddress	01a 33302			tion P.O. I	No., J	ob No.	etc.
3. Work Pe	erformed By ン	(cel Energy Co		Type Cod	le Symbo	l Stamp	N/A		
	-	Company		- Authoriza					
2807 V	V. Cty Rd 75, M	onticello, MN s	55362	Expiration	Date	N/A			
Address									
4. Identifica	ation of System	RCIC, Class	2, PSD-20	89 & 2090					
5. (a) Applic	able Constructi	ion Code AN	SI B31.1		<u> </u>	1977		E	dition
8 al al a.	-d- W/770	•		Cada	Cooo	Yea	•		
Adde	Addenda W 78 Code Case N/A								
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986									
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Coi	mponents			
								AS	
))			045	V	Repair		Co	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replace Replacer		Stan YES	
	 								NO
2 studs	Unknown Dubose	N/A	N/A	N/A	1970	Replac			☑.
2 studs	National	N/A	N/A	HT# NAM	. 2003	Replacei	nent		
								□.	
7. Descripti	on of Work R	eplace two stud	ds to achieve	e full thread er	ngageme	nt			
8. Tests Co		drostatic	Pneun			al Operatir	na Pre	essure	
J. 10313 QU	_		Pressure		psi	Test Ten			°F
Other Pressure psi Test Temp fr									

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2003-21-0393 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) No additional testing required. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. NOELV/III Date 7 CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINUFSOIA and employed by HARTFORD STEAM BOILT OF CONNECTICAT of thatford , ct have inspected the components described in this Owner's Report during the period 1/5/03 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

TA Rulates Commissions WB 11863 A, MJ HW06 4028-CO
Inspector's Signature National Board, Province and Endorsements

National Board, Province and Endorsements

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

J414 30

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0394					
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.											
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.											
1. Owner	Xcel Energy C			Date _7	/18/2003		· · · · · · · · · · · · · · · · · · ·				
2. Plant	Monticello Nue	Name clear Generatir	na Plant	Sheet 1	Sheet 1 of 2						
•		Name		-							
2807 W. Cn	ty. Rd. 75, Mor Ac	nticello, Minnes Idress	ota 55362	WO #020		tion P.O. No., J	ob No	etc			
3 Work Pe	formed By λ			·	_	•	05 110.	0.0.			
J. WORLE		Company		• ' '	Type Code Symbol Stamp N/A Authorization No. N/A Expiration Date N/A						
2807 W	/. Cty Rd 75, M		55362	Expiration	Date _	N/A					
	Address										
4. Identification of System Spare - 3 Kip Snubber											
5. (a) Applic	5. (a) Applicable Construction Code ANSI B31.1 1967 Edition										
Adder	Addenda <i>None</i> Code Case <i>N/A</i>										
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986											
6. Identification of Components Repaired or Replaced and Replacement Components											
		,				Danaisad	AS				
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	nped			
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO			
Manifold	Bergen Patterson	003A	N/A	N/A	1992	Replaced		\boxtimes			
Manifold	Bergen Patterson	003A	N/A	N/A	2003	Replacement		\boxtimes			
			. :								
7. Description	on of Work R	eplace manifol	d								
8. Tests Co.	nducted: Hy	drostatic	Pneun	natic [Nomina	al Operating Pre	essure				
	Oti	ner 🗌	Pressure	· 	psi	Test Temp _		_ °F			

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2003-21-0394 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Functional test per 0251, VT-3 to be completed when installed. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code. Section XI. and, NDE LV/ III Date Signed Owner or Owner's Designeé, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MIVNESSTA and employed by HARTFORD STRAM BOILER OF CONNETICITOS HARTFORD, CT inspected the components described in this Owner's Report during the period ____//z 7/0 3 7/18 lo 3 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,

concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or

Commissions NB NB 63 AIN 5 HN 004028-CO

National Board, Province and Endorsements

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

Inspector's Signature

JULY 18

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613		
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4		
	REPLACEMENTS - FORM NIS-2	Page 1 of 2		

					ITEM	2003-21-0	0395				
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.											
8-	1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each sh		nd (3) e	each		
1. Owner	Xcel Energy C		· · · · · · · · · · · · · · · · · · ·	Date 8	3/3/2003		<u>. </u>	<u>.</u> .			
2. Plant	Monticello Nu	Name clear Generatir	Sheet _1	1	of	f <u>2</u>					
2807 W. Cn	ty. Rd. 75, Mor	Name nticello, Minnes	ota 55362	Work Or	der 0202	268, 02022	267, 0	30589	96		
		ddress				tion P.O. N					
3. Work Pe	rformed By	IMC/Xcel Ener	gy	Type Cod	le Symbo	l Stamp _n	n/a				
		Company	•	Authoriza		n/a					
2807 W		onticello, MN 5	55362	Expiration	n Date	n/a			•		
4. Identifica		ldress <i>Core Sprav</i> i	B. Pump No	. 12. Relief Va	ılve RV-1	746. Class	2				
4. Identification of System Core Spray B, Pump No. 12, Relief Valve RV-1746, Class 2 5. (a) Applicable Construction Code ANSI B31.1 Pear											
. Adder	nda Winter 1	978		Code	Case _	n/a					
(b) Applic	able Edition of	Section XI Utili:	zed for Rep	airs or Replace	ement _	1986, no ac	ddend	la ·			
6. Identification of Components Repaired or Replaced and Replacement Components											
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired Replaced Replacem	or	AS Co Stan YES	đe		
RV-1746	Crosby	N89658-00- 0001	n/a	n/a	n/a	Replace			\boxtimes		
RV-1746	Crosby	N89658-00- 0002	n/a	n/a	n/a	Replacem	ent		Ø		
				·							
·						·					
	<u>.</u>	·									
7. Description	on of Work R	emove RV-174	6 for PM an	d replace with	rebuilt s	oare.					
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure							g Pre	\boxtimes			
C. 100tb 00.	nauctea: Hy			Other Pressure psi Test Temp F							
. 100.0 00.	·		_		psi	Test Temp	p _				
	Oth		Pressure		psi	Test Tem	P				
	Oth	ner 🗍	Pressure	orporated:		SR: N	Fred Date				

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

ITEM 2003-21-0395 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Pressure setpoint verified per 0255-03-IB-2. VT-2 with Functional test (system leakage) per 0255-CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA ____ and employed by HARTFORD STEAM BOILER OF COMFCTRUT OF HARTFORD, CT ____ have inspected the components described in this Owner's Report during the period 2/14/03 , 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 11867 A. V. 3 HW 00 4925-CO National Board, Province and Endorsements

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
,	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0397	,	
						eplacement progr further guidance		,
8-	1/2 in x 11 in, (2)		ms 1 through	6 on this repor	t is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy (_ Date _	8/4/03			
Name 2. Plant Monticello Nuclear Generating Plant				_ Sheet _	1	of _2		
Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Work Order 0200996 (4280-03-PM)					PM)			
,	Ad	dress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By	IMC/Xcel Energ	gy	•	-	i Stamp <u>n/a</u>		<u> </u>
		Company				_n/a		
_2807 W		onticello, MN 5	55362	Expiratio	n Date _	n/a		
4. Identifica		ldress <i>Main Steam,</i>	Spare SRV	/ Topworks. s	/n 194. Cl	ass 1		
			, <u> </u>		<u>, , , , , , , , , , , , , , , , , , </u>			
5. (a) Applic	able Constructi	on Code AS	ME Section	<i>III</i>		1968 Year	E	dition
Adder	nda <u>Winter 1</u>	968		Cod	e Case			
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replac	ement _	1986, no adden	da	•
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replac	ement Cor	mponents		
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ement Cor			ME
				T		Repaired,	Co	ode
Name of Component	tion of Compor Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ement Cor Year Built			ode
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	ode nped
Name of Component Bellows/ Flance Bellows/	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built un-	Repaired, Replaced or Replacement	Stan YES	nde nped NO
Name of Component Bellows/ Flance	Name of Manufacturer Target Rock	Manufacturer Serial No. 131	National Board No.	Other Identification n/a	Year Built un- known	Repaired, Replaced or Replacement Replaced	Stan	nped NO
Name of Component Bellows/ Flance Bellows/	Name of Manufacturer Target Rock	Manufacturer Serial No. 131	National Board No.	Other Identification n/a	Year Built un- known	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component Bellows/ Flance Bellows/	Name of Manufacturer Target Rock	Manufacturer Serial No. 131	National Board No.	Other Identification n/a	Year Built un- known	Repaired, Replaced or Replacement Replaced	Stan YES	ode nped NO
Name of Component Bellows/ Flange Bellows/ Flange	Name of Manufacturer Target Rock Target Rock	Manufacturer Serial No. 131 1	National Board No. n/a n/a	Other Identification n/a n/a	Year Built un- known 2003	Repaired, Replaced or Replacement Replaced	Stan YES	ode nped NO
Name of Component Bellows/ Flange Bellows/ Flange	Name of Manufacturer Target Rock Target Rock on of Work R	Manufacturer Serial No. 131 1	National Board No. n/a n/a	Other Identification n/a n/a	Year Built un- known 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode nped NO
Name of Component Bellows/ Flange Bellows/ Flange 7. Description	Name of Manufacturer Target Rock Target Rock on of Work R nducted: Hy	Manufacturer Serial No. 131 1	National Board No. n/a n/a	Other Identification n/a n/a	Year Built un- known 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode nped NO
Name of Component Bellows/ Flange Bellows/ Flange 7. Description 8. Tests Con	Name of Manufacturer Target Rock Target Rock on of Work R nducted: Hy Ott	Manufacturer Serial No. 131 1 eplace Bellows drostatic	National Board No. n/a n/a and its Flai Pneum Pressure	Other Identification n/a n/a	Year Built un- known 2003 SRV Topy	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode nped NO

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision 4 TITLE: **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2003-21-0397 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Bellows Flange changed per Alteration 99A043, Rev. 2. High Pressure Nitrogen bench test of the hellows and Setpoint Pressure Test of the topworks using steam performed per procedure 4280-03-PM Dve Penetrant exam performed on seal weld. This is a spare topworks, installation testing and system leakage test will take place under separate work orders when installed in plant at later date. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement conforms to the rules on the ASME Code, Section XI. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESSA _____ and employed by HARTFORD STEAM BUILLY OF CONNECTICUT OF HARTFORD, CT inspected the components described in this Owner's Report during the period 2/17/03 ጽ / 4 / 0 J _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied. concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11863 AN A MW 00 407 8-60 National Board, Province and Endorsements

Date <u>AUGUST</u> 4 , 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

NOTE 1: This form may not		•	•	ITEM	2003-21-039	8	
4 AWI-09.04.03 (AS	address all items ME SECTION XI						•
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner Xcel Energy (Company		_ Date _7	7/29/03			
	Name		_				
2. Plant Monticello Nu	clear Generatir	ig Plant	_ Sheet <u>_1</u>	<u>'</u>	of	2	
2007 M. Coby. Pd. 75. Mo.	Name	oto 55363	Work Or	der 0305	055		
2807 W. Cnty. Rd. 75, Mo	ddress	501a 55362			tion P.O. No.,	lob No	etc
			•	•	ř	JOD NO.	eic.
3. Work Performed By			•	_	l Stamp <u>n/a</u>		·
000714/04/54/75 14	Company		Authoriza				
2807 W. Cty Rd 75, M		05362	_ Expiratior	Date _	n/a	 	
4. Identification of System	ldress Main Steam	MSIV AO-3	2-80C				
4. Identification of Cystem	mair oteam,	MOIV AC 2					
5. (a) Applicable Construct	ion Code AN	SI B31.1			1967	E	dition
					Year		
Addenda <i>None</i>			Code	Case _	n/a		
(b) Applicable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, no adde	nda .	
. ,		-	·	_	· · · · · · · · · · · · · · · · · · ·		
Identification of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
6. Identification of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents	T AS	ME
					Repaired,	Co	ode
Name of Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Star	ode nped
Name of Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Star YES	nped NO
Name of Component Manufacturer Disc Attwood & Morrill	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Star	ode nped
Name of Name of Manufacturer Disc Attwood &	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Star YES	nped NO
Name of Component Manufacturer Disc Attwood & Morrill Disc Anchor	Manufacturer Serial No. Unknown	National Board No.	Other Identification n/a	Year Built 1968	Repaired, Replaced or Replacement Replaced	Star YES	nped NO
Name of Component Manufacturer Disc Attwood & Morrill Disc Anchor	Manufacturer Serial No. Unknown	National Board No.	Other Identification n/a	Year Built 1968	Repaired, Replaced or Replacement Replaced	Star YES	nde nped NO
Name of Component Manufacturer Disc Attwood & Morrill Disc Anchor	Manufacturer Serial No. Unknown	National Board No.	Other Identification n/a	Year Built 1968	Repaired, Replaced or Replacement Replaced	Star YES	ode nped NO
Name of Component Name of Manufacturer Disc Attwood & Morrill Disc Anchor Darling	Manufacturer Serial No. Unknown	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1968 2003	Repaired, Replaced or Replacement Replaced Replacement	Star YES	ode nped NO
Name of Component Name of Manufacturer Disc Attwood & Morrill Disc Anchor Darlina 7. Description of Work P	Manufacturer Serial No. Unknown 4P	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1968 2003	Repaired, Replaced or Replacement Replaced Replacement	Star YES	ode nped NO
Name of Component Name of Manufacturer Disc Attwood & Morrill Disc Anchor Darlina 7. Description of Work P 8. Tests Conducted: Hy	Manufacturer Serial No. Unknown 4P re-outage asserdrostatic	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1968 2003 g & tacks Nomina	Repaired, Replaced or Replacement Replaced Replacement	Star YES	ating
Name of Component Name of Manufacturer Disc Attwood & Morrill Disc Anchor Darlina 7. Description of Work P 8. Tests Conducted: Hy	Manufacturer Serial No. Unknown 4P re-outage assertorstatic her	National Board No. n/a n/a mbly include Pneum	Other Identification n/a n/a	Year Built 1968 2003	Repaired, Replaced or Replacement Replaced Replacement	Star YES	ode nped NO S S S S S S S S S S S S S S S S S S
Name of Component Manufacturer Disc Attwood & Morrill Disc Anchor Darlina 7. Description of Work P 8. Tests Conducted: Hy Ot	Manufacturer Serial No. Unknown 4P re-outage assertorstatic her	National Board No. n/a n/a mbly include Pneum	Other Identification n/a n/a ses seal welding natic orporated:	Year Built 1968 2003 g & tacks Nomina	Repaired, Replaced or Replacement Replaced Replacement	Star YES	ating

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

C.
ITEM _2003-21-0398
9. Remarks (Applicable Manufacturer's Data Reports to be Attached)
Pressure test per 0255-20-IIC-1. VT-3 also.
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this
conforms to the rules on the ASME Code, Section XI.
Signed JOH JOHN NOE LV/ TIT Date 7/29 , 2003 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of HINDESOTA and employed by
HANTENED STEAM BOILER OF COWNEST RUT of HARTEURS, CT have inspected the components described in this Owner's Report during the period 2/28/03 to
7 /29/03, 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 11863 A, NF HW 00 40 LF- CO National Board, Province and Endorsements
Inspector's Signature National Board, Province and Endorsements
Date 3447 29 . 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0399)	
	his form may not AWI-09.04.03 (AS							
&.	upplemental shee 1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a	and (3) e	each
1. Owner	Xcel Energy C	Company		Date 0	7/28/200	3		
		Name						
2. Plant	Monticello Nu	clear Generatin	ig Plant	_ Sheet <u>_1</u>		of <u>2</u>		
2907 M/ Cn	ty. Rd. 75, Mor	Name	ota 55363	WO 020	2027			
2001 VV. CII		idress	01a 33302			tion P.O. No., J	ob No	etc
, 0 M-4 D-				•		•	00 110.	
3. WORK PE	rformed By	Company		Type Cod Authoriza	-	l Stamp <u>N/A</u> N/A		
2807 W	/. Cnty. Rd. 75,	•		Expiration			·	
200, 1.		ldress	00002		- Date	4// 1		
4. Identifica	ation of System	Residual He	at Removal			•		
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1967 Year	E	dition
Adde	nda <u>No Adde</u>	nda		Code	Case _/	V/A	 	
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Addei	nda	
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	— ment Cor	nponents '		
	1		<u> </u>		<u> </u>	- · · · · · · · · · · · · · · · · · · ·	AS	ME
•						Repaired,	Co	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan YES	nped NO
	Bergen							
SS-18B	Patterson	003	N/A	N/A	1994	Replaced		Ø
SS-18B	Bergen Patterson	026	N/A	N/A	2003	Replacement		Ø
		·		·				
					,			
7. Descripti	on of Work R	emovde snubb	er 003 and i	eplaced with i	ebuilt spa	are 10 kip snub	ber s/n	026
B. Tests Co	nducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
	Oth	ner 🛛	Pressure		psi	Test Temp _		-°F
3087 (DOCUME	NT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
ا داخان کا میکن کو بیشن میکن کا میکند کا								
FOR ADMINE		o Suov: PRGE	Assoc	Ref PRGE		SR: N Free	a: 0	vrs

9. Remarks (Applicable Manufacturer's Data Reports to be Attached)

Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.

CERTIFICATE OF COMPLIANCE

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

Signed Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MILICETA and employed by HARTORS STEAL BOILER OF CONVECTION of HARTESON, CT have inspected the components described in this Owner's Report during the period 12/1/02 to 7/21/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
Turk A Sulester Commissions We 11567 A.M. MW 00 402 5-00 Inspector's Signature National Board, Province and Endorsements
Date

					ITEM	2003-21-0400)	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner								
				Sheet _1		of <u>2</u>		
Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202028								
	 	ddress				tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By \(\Lambda	IMC/Xcel Ener	gv	Type Cod	e Symbo	l Stamp n/a		
	<i>'</i> —	Company		Authoriza	-	n/a		
2807 V	V. Cnty. Rd. 75,	Monticello, M∆	i 55362	Expiration	·Date _	n/a		
4 tale material		dress	-4 Do					
4. Identifica	ation of System	Residual He	at Removal					
5. (a) Applio	cable Construct	ion Code AN	SI B31.1	<u> </u>		1967 Year	E	dition
Adde	nda <i>No Adde</i>	enda		Code	Case	n/a		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
	1					<u> </u>	AS	ME
N	Name of		Mattend	. 045		Repaired,		de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
SS-25	Bergen Patterson	155	n/a	n/a	1994	Replaced		Ø
SS-25	Bergen Patterson	029	n/a	n/a	2003	Replacement		Ø
7. Descripti	on of Work _ <i>R</i>	emove snubbe	r 155 and re	place with reb	uilt spare	10 kip snubbe		
7. Descripti 8. Tests Co		emove snubbe	r 155 and re	·		10 kip snubbe	□ □ r s/n 0:	
•	onducted: Hy			natic []		·	□ □ r s/n 0:	
8. Tests Co	onducted: Hy	drostatic ☐ her ☒	Pneun Pressure	natic []	Nomina	al Operating Pre	□ □ r s/n 0:	29

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision

	ITEM _2003-21-0400
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE
·	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Replace ment repair/replacement
	Signed Ton Jones, NDE LVI III. Date 7/28, 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 MINUTERIAL AND
	inspected the components described in this Owner's Report during the period 12/1/02 to 7/28/03, 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.
	Lest A Scalese - Commissions VB 11563 A, N, J AN 00 4025-CO Inspector's Signature National Board, Province and Endorsements
	Date 744 28 . 200 7

				سيحنا المستحد المسيونيات				
			• ***		ITEM	2003-21-0401		
						eplacement progr further guidance		-
8-	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner	Xcel Energy C	Company		Date _7	7/28/2003			
2. Plant	Monticello Nu	Name	na Plant	Sheet 1	1	of 2	-	
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Name						_		
2807 W. Cnt		nticello, Minnes	ota 55362	<u>WO 020</u>				
	Ad	dress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By Λ	IMC/Xcel Energ		•	•	Stamp <u>n/a</u>		
2807 W	Coty Rd 75	Company Monticello, MN		Authoriza Expiration		_n/a n/a		
2007 77		Idress	7 33302	- Expiration	Date _			
4. Identifica	tion of System	Main Steam			<u> </u>	· · · · · · · · · · · · · · · · · · ·	. <u> </u>	· .
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1967	E	dition
Adder	nda <u>No Adde</u>	nda	•	Code	Case _	Year n/a	<u>.</u>	- <u>-</u>
(b) Applic	able Edition of	Section XI Utilia	zed for Rep	airs or Replace	ement _	1986, No Addei	nda	
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Cor	nponents		
						Repaired,	f	ME de
Name of	Name of	Manufacturer	National	Other	Year	Replaced or	Stan	nped
Component	Manufacturer Bergen	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
SS-1	Patterson	525	n/a	n/a	1994	Replaced		\boxtimes
SS-1	Bergen Patterson	514	n/a	n/a	2003	Replacement		☒
						,		
						:		
7. Description	on of Work R	emove snubbe	r 525 and re	place with reb	uilt spare	10 kip snubbe	r s/n 5	14
8. Tests Cor	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	- Nomina	al Operating Pre	essure	
	Oti	ner 🛚	Pressure		psi	Test Temp		_ °F
3087 (DOCUME	NT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
FOR ADMINIS		D SUDV: PRGE	Assoc	Ref PRGE	Admin in	SR: N Fre	o: 0	vrs
USE ON	THE PROPERTY OF THE PROPERTY O	MS: 3613				itials: Dat		

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 2 Page 2 of 2

	ITEM 2003-21-0401
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	Functional resumpler procedure 0201. VI-S Examination as required by procedure 4305.
	·
	CERTIFICATE OF COMPLIANCE
	ρ . I
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement
	CONTORMS to the rules on the Asiac Code, Section At.
	Signed 10m Onth, NDE Lul TIT Date 7/28, 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 MINETOTA and employed by MARTFORD (TEAN BOILER OF CONNECTION OF HARTFORD, CI have
	inspected the components described in this Owner's Report during the period 12/4/02 to
	examinations and taken corrective measures described in this Owner's Report in accordance with the
	requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or
	a loss of any kind arising from or connected with this inspection.
	2.11.
	Inspector's Signature Commissions UB 118-6.7 A.N. T. HN 804028-Cd National Board, Province and Endorsements
	Date <u>July 28</u> . <u>2003</u>

					ITEM	2003-21-04	402	
		address all items BME SECTION XI I						•
. 8-	1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each she		each
1. Owner	Xcel Energy (Company		Date 7	1/28/2003	}		
2. Plant	Monticello Nu	Name clear Generatir	a Plant	Sheet 1	,	of	2	
Z. Flant	Worthcello 140	Name	ig Flant			<u> </u>		
2807 W. Cn		nticello, Minnes	ota 55362	WO 020				
		ddress		Repair	Organiza	tion P.O. No	., Job No	etc.
3. Work Pe	rformed By	IMC/Xcel Energ			•	I Stamp _n/	a	·
2807 W	Cntv-Rd 75	Company Monticello, MN		Authoriza Expiratior		_n/a n/a		
		idress			_			
4. Identifica	tion of System	Combustible	Gas Contro	ol				
							• .	•
5. (a) Applic	able Constructi	ion Code AN	SI B31.1			1967	·E	dition
Adder	nda <i>No Adde</i>	nda		Code	Case _	Year n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Ad	ldenda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	– ment Co	mponents		
	· .					<u> </u>	I AS	ME
						Repaired,	C	ode
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced of Replaceme		nped NO
SS-187	Bergen	202	n/a	n/a	1994	Replaced		⊠
SS-187	Patterson Bergen Patterson	007	n/a	n/a	2003	Replaceme	nt 🔲	\boxtimes
	r allerson							
							$-\frac{1}{\Box}$	
7 Description	on of Work R	emove snubbe	r 202 and m	nlace with reh	uilt spare	10 kin souh	her s/n ()	 17
•								"
8. Tests Cor	•	drostatic 🔲	Pneun			al Operating		
	Otl	ner 🛛	Pressure		psi 	Test Temp		_ °F
		LD AND COMME	NT FORM) inc	orporated:				
FOR ADMINIS		SD SUDV: PRGE MS: 3613	Associ		Admin in		Freg: 0 Date:	vrs
and the second s	and the second of the second o							

ITEM 2003-21-0402 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. NDE LUITE Date CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNES STA and employed by HARTFORD STEAM BOILER OF CONDECTIONS HARTFORD inspected the components described in this Owner's Report during the period 12/4/92 7/15/03 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 VB II 16 J A, N, I MN004078-00

National Board, Province and Endorsements 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

			•		, ITEM	2003-21-0403	}	
	This form may not 4 AWI-09.04.03 (AS							
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy C	Company		Date 7	/30/2003			
		Name		_				
2. Plant	Monticello Nu	clear Generatin	ng Plant	Sheet 1		of <u>_2</u>) 	
2807 W C	nty. Rd. 75, Mor	Name	ota 55362	WO 020	2031			
2007 11. 01		dress	014 00002			tion P.O. No., J	ob No.	etc.
3. Work P	erformed By \(\Lambda\)	IMC Mool Enon	~1.4	•	•	•		
J. VVOIK P	enormed by 7	Company		Authoriza	-	ol Stamp <u>n/a</u> n/a		
2807 N	N. Cnty. Rd. 75,			Expiration		n/a		
· _		ldress		•	_			
4. Identific	ation of System	Residual He	at Removal			•		
	•							
5. (a) Appli	cable Constructi	on Code _AN	SI B31.1	. <u></u>	<u> </u>	1967	E	dition
٨٨٨	enda <i>No Adde</i>	nda	•	Codo	Case	Year		
Adde				 	-	n/a ·		
(b) Appli	cable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986, No Adde.	nda	
6. Identific	ation of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents		
			•			Danainad	1	ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
SS-31	Bergen Patterson	167	n/a	n/a	1994	Replaced		\boxtimes
SS-31 ·	Bergen Patterson	170	n/a	n/a	2003	Replacement		\boxtimes
7. Descript	tion of Work R	emove snubbe	r 167 and re	place with reb	uilt spare	10 kip snubbe	r s/n 1	70
8. Tests Co	onducted: Hy	drostatic	Pneun	natic 🗍	Nomin	al Operating Pro	acci ira	
U. 16313 U	•						·	°F
		ner 🛛	Pressure		psi 	Test Temp _		
	IENT CHANGE, HO		NT FORM) inc],
FOR ADMIN		SO SUDV PRGE	Associ		Admin in	SR: N Fre		vrs

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

	ITEM 2003-21-0403
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
•	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replacement
	conforms to the rules on the ASME Code, Section XI.
	= 1
	Signed 10h John, NDE LV/TH Date 7/30, 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 MNUESTAL and employed by
ł	HARTFORD STEAK BOILER OF COLUNCTICUT OF HARTFURD, CT have
	inspected the components described in this Owner's Report during the period 12/4/02 to 7/30/03 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 WB (186) 1, N, I MN 00 4028-CO National Board, Province and Endorsements
	Date 7444 30 , 2003

L						<u> </u>		
					ITEM	2003-21-0	404	
		address all items						see
8-	1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each she		(3) each
1. Owner	Xcel Energy C	Company		Date 7	/28/2003	!		
		Name		- 0				
2. Plant	Monticello Nu	clear Generatir Name	ig Plant	Sheet <u></u>	<u> </u>	of	2	
2807 W. Cn	ty. Rd. 75, Mor	nticello, Minnes	ota 55362	WO 020	2036			
•		dress		Repair	Organiza	tion P.O. No	o., Job 1	Vo. etc.
3. Work Pe	rformed By 1	IMC/Xcel Ener	ay	Type Cod	le Symbo	Stamp n	/a	
		Company		Authoriza				
2807 W		Monticello, MN	1 55362	_ Expiration	Date _	n/a		
		Idress						
4. Identifica	ition of System	Recirculation	7					
5. (a) Applic	able Constructi	ion Code AN	SI B31.1			1967		Edition
Adder	nda <u>No Adde</u>	nda		Code	Case _	Year n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Ad	ddenda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
<u></u> .								ASME
Name of	Name of	Manufacturer	National	Other	Year	Repaired Replaced		Code Stamped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replaceme		
SS-6BR	Bergen Patterson	120	n/a	n/a	1998	Replaced	d [
SS-6BR	Bergen Patterson	104	n/a	n/a	2003	Replaceme	ent [
		··						
						·] 🗆
7. Description	on of Work R	emove snubbe	r 120 and re	place with reb	uilt spare	20 kip snu	bber s/r	104
8. Tests Co	nducted: Hv	drostatic	Pneun	natic 🗍	Nomina	al Operating	Pressu	ıre 🗍
	·	her 🛛	Pressure		psi	Test Temp		 °F
					P-01			<u> </u>
		LD AND COMME			-			
FOR ADMINIS		SD SUDV PRGE MS: 3613	Associ		Admin in	SR: N itials:	Freg: Date:	0 vrs

ITEM 2003-21-0404 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HINNESOTA and employed by HARTERA STEAM BOILER OF CONNECTICUT OF MARTERA inspected the components described in this Owner's Report during the period 1 1/4/01 7/29/63 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report, Furthermore, neither the Inspector nor his employer SHALL be 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 NA 18863 A.N. I MNOO #028-CO Inspector's Signature National Board, Province and Endorsements

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JULY

Date

					ITEM	2003-21-040	5	
	his form may not AWI-09.04.03 (AS							:
. 8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy C			Date	7/28/2003	}		
2. Plant	Monticello Nu	Name clear Generatin	ng Plant	_ Sheet _1		of	2	4
2807 W. Cn	ty. Rd. 75, Mor	Name nticello Minnes	ota 55362	WO 020	2041			
2001 11. 011		dress	ota ooooz	· -		tion P.O. No.,	Job No.	etc.
3. Work Pe	rformed By 1	IMC/Xcel Energ	gy	Type Cod	le Symbo	ol Stamp n/a		
		Company		Authoriza		n/a		
2807 W	/. Cnty. Rd. 75,		1 55362	_ Expiration	n Date _	n/a		
4. Identifica	Ac ation of System	ldress <i>Main Steam</i>						
	······································							
5. (a) Applic	able Constructi	ion Code AN	SI B31.1	· · · · · · · · · · · · · · · · · · ·		1967 Year	E	dition
Adder	nda <i>No Adde</i>	nda -		Code	Case _			·
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replac	ement	1986 No Adde	enda	
(-) - (-)								
6. Identifica	tion of Compor	nents Repaired	•		-			
Name of	tion of Compor Name of Manufacturer	ments Repaired Manufacturer Serial No.	•			Repaired, Replaced or	AS Co Stan	ME ode nped
	Name of	Manufacturer	or Replaced	d and Replace	ment Co	mponents Repaired,	AS Co	de nped
Name of Component	Name of Manufacturer Bergen	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Con Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	nped NO
Name of Component SS-2	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 021	or Replaced National Board No. n/a	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component SS-2	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 021	or Replaced National Board No. n/a	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component SS-2	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 021	or Replaced National Board No. n/a	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan	ode nped NO
Name of Component SS-2 SS-2	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 021	or Replaced National Board No. n/a n/a	Other Identification n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO
Name of Component SS-2 SS-2	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 021 141	or Replaced National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	ode nped NO
Name of Component SS-2 SS-2	Name of Manufacturer Bergen Patterson Bergen Patterson on of Work R nducted: Hy	Manufacturer Serial No. 021 141 emove snubbe	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	ode nped NO
Name of Component SS-2 SS-2 7. Description 8. Tests Component	Name of Manufacturer Bergen Patterson Bergen Patterson on of Work R nducted: Hy	Manufacturer Serial No. 021 141 emove snubbe drostatic her	National Board No. n/a n/a r 021 and re Pneum	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replaced Replaced Replacement	AS Co Stan YES	ode inped in
Name of Component SS-2 SS-2 7. Description 8. Tests Component	Name of Manufacturer Bergen Patterson Bergen Patterson On of Work R Inducted: Hy Otto	Manufacturer Serial No. 021 141 emove snubbe drostatic her	National Board No. n/a n/a r 021 and re Pneum	Other Identification n/a n/a n/a orporated:	Year Built 1994 2003	Repaired, Replaced or Replaced Replaced Replacement 20 kip snubber Replacement Replacement Replacement	AS Co Stan YES The stan of t	ode inped in

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4

•	
	ITEM _2003-21-0405
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Tepair/replacement
	Signed Tom Sould, NDE LV/III Date 7/28, 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

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0406	ì	
	This form may not AWI-09.04.03 (AS							
8	Supplemental sheen i-1/2 in x 11 in, (2) wheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy (Date	/28/2003			·
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	_ Sheet _1		of 2		
2807 W Cr	nty. Rd. 75, Moi	Name	ota 55362	WO 020	2042			
2007 77.07		ddress				tion P.O. No., J	ob No.	etc.
3. Work Po	erformed By	MC/Xcel Energ	gy	Type Cod	ie Symbo	l Stamp <u>n/a</u>		
2021	W Cata Dd 75	Company		Authoriza				
	V. Cnty. Rd. 75, Ad	dress	V 55362	_ Expiration	Date _	n/a		
4. Identific	ation of System		at Removal					
5, (a) Appli	cable Construct	ion Code <u>AN</u>	SI B31.1	·		1967	E	dition
Adde	nda <i>No Adde</i>	nda	·	. Code	Case _	Year n/a		
(b) Appli	cable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co	ME de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
SS-22	Bergen Patterson	529	n/a	n/a .	1994	Replaced		\boxtimes
SS-22	Bergen Patterson	017	n/a	n/a	2003	Replacement		\boxtimes
		·						
				· .	·			
7. Descript	ion of Work R	emove snubbe	r 529 and re	place with reb	uilt spare	10 kip snubbe	r s/n 0	17
		.d	Pneun	natic 🗍	Nomina	al Operating Pre	essure	
Tests Co	onducted: Hy	drostatic	i nean			, ,	•	
8. Tests Co	_	her 🛚	Pressure		psi .	Test Temp _	· · · ·	- °F
	Otl	her 🛛	Pressure		_			_ °F

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

3613

Revision

	ITEM 2003-21-0406
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
l	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replacement
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Tom Joul, NAE LV/ II Date 7/28, 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 MINNESGIA and employed by HARTFORD STEAM BOILER OF CONNECTION HART FORD OF HARTFORD
	inspected the components described in this Owner's Report during the period 12/9/02 to
	7/25/03, 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.
	Two A Dulette: Commissions VB 11863 A, N, T HW 00 HOLF-CO Inspector's Signature National Board, Province and Endorsements
	Date
-	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
,	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-040	07	
	his form may not AWI-09.04.03 (AS							:
	upplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheel	is , and (3)	each
1. Owner	Xcel Energy (Date7	/28/2003	·		
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet <u>1</u>	·	of _	2	
2807 W. Cn	ty. Rd. 75, Moi	Name nticello, Minnes	ota 55362	WO 020	2043			
	Ad	dress		Repair	Organiza	tion P.O. No.,	Job No.	etc.
3. Work Pe	rformed By^	IMC/Xcel Energ	gy	_ Туре Сос	le Symbo	l Stamp <u>n/a</u>		
	-	Company		Authoriza		n/a		
_2807 W	/. Cnty. Rd. 75,		1 55362	_ Expiration	Date _	n/a		
4 Identifica	Ac ation of System	ldress <i>Recirculation</i>	7					
•	. •					1067		٠
5. (a) Applic	able Constructi	on Code AN	SI B31.1		<u> </u>	1967 Year	^E	dition
Adder	nda <u>No Adde</u>	nda	,	Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Add	enda	
6. Identifica	ition of Compor	nents Repaired	or Renlace	d and Panlaca				
			or replace.	and Replace	ment Coi	mponents		
]		· replace.	and Replace	ment Col			ME
Nima	Nome of				<u> </u>	Repaired,	C	ode
Name of	Name of Manufacturer	Manufacturer	National	Other	Ment Col	Repaired, Replaced or	Co Star	ode nped
Name of Component SS-4AR-B	l ·				Year	Repaired,	Co Star	ode
Component	Manufacturer Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Star YES	nped NO
Component SS-4AR-B	Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 006	National Board No. n/a	Other Identification n/a	Year Built 1994	Repaired, Replaced or Replacement Replaced	Star YES	nped NO
Component SS-4AR-B	Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 006	National Board No. n/a	Other Identification n/a	Year Built 1994	Repaired, Replaced or Replacement Replaced	YES	nped NO
Component SS-4AR-B	Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 006	National Board No. n/a	Other Identification n/a	Year Built 1994	Repaired, Replaced or Replacement Replaced	Cc Star YES	ode inped NO
Component SS-4AR-B SS-4AR-B	Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 006	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced Replacement	Co Star YES	ode inped in
Component SS-4AR-B SS-4AR-B	Manufacturer Bergen Patterson Bergen Patterson On of Work R	Manufacturer Serial No. 006 545	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced Replacement	Co Star YES	ode inped in
Component SS-4AR-B SS-4AR-B 7. Description	Manufacturer Bergen Patterson Bergen Patterson on of Work R nducted: Hy	Manufacturer Serial No. 006 545	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced Replacement	Co Star YES	ode inped in
Component SS-4AR-B SS-4AR-B 7. Description 8. Tests Co	Manufacturer Bergen Patterson Bergen Patterson on of Work R nducted: Hy	Manufacturer Serial No. 006 545 emove snubbe drostatic ner	National Board No. n/a n/a r 006 and re Pneum Pressure	Other Identification n/a n/a	Year Built 1994 2003 uilt spare	Repaired, Replaced or Replacement Replaced Replacement 30 kip snubb al Operating P	Co Star YES	ode inped NO Signature NO Signa
Component SS-4AR-B SS-4AR-B 7. Description 8. Tests Co	Manufacturer Bergen Patterson Bergen Patterson On of Work R nducted: Hy Ott	Manufacturer Serial No. 006 545 emove snubbe drostatic ner	National Board No. n/a n/a r 006 and re Pneum Pressure	Other Identification n/a n/a eplace with rebunatic orporated:	Year Built 1994 2003 uilt spare	Repaired, Replaced or Replacement Replaced Replacement 30 kip snubb al Operating P Test Temp	Co Star YES	ode inped NO Signature NO Signa

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

	ITEM _2003-21-0407
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
1	conforms to the rules on the ASME Code, Section XI.
	Signed Tom Jould, NDELV/III Date 7/28, 2003
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
1	Inspectors and the State or Province of MINNESUTA and employed by
	HARTPURD STEAM ROLLER OF CONNECTIONS OF MARTPURD, CT have
l	nspected the components described in this Owner's Report during the period 12/5/62 to 7/2 f/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
ı	equirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
(concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	he Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
ì	2 1000 of any fame arising worm of commoded with this insposition.
	Lever A Nuleur Commissions VB 11863 A, WI MW 00 402 F-CO
	Inspector's Signature Commissions VB 11863 A, IV, I MW 00 402 FXU National Board, Province and Endorsements
	Date

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	•				ITEM	2003-21-0	408			
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
-8-	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner Xcel Energy Company Date 7/28/2003										
2. Plant	Monticello Nu	Name clear Generatin	g Plant	Sheet 1		of	2			
2807 W. Cnt	ty. Rd. 75, Mor	Name nticello, Minnes	ota 55362	WO 020	2044					
	· · · · · · · · · · · · · · · · · · ·	dress		Repair	Organiza	tion P.O. No	o., Je	ob No.	etc.	
3. Work Pe	rformed By Λ	IMC/Xcel Energ	gy	Type Cod	ie Symbo	ol Stamp n	/a			
		Company	Name	Authoriza	tion No.	n/a				
_2807 W	['] . Cnty. Rd. 75,		55362	Expiration	n Date	n/a				
4 Identifica	Ad tion of System	ldress <i>Recirculatior</i>	7						•	
	able Constructi		SI B31.1		,	1967		E	dition	
Adder	nda <u>No Adde</u>	nda		Code	Case _	Year n/a				
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Ad	dder	nda		
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents) 	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired Replaced Replaceme	or	AS Co Stan YES	de	
SS-4BR-B	Bergen	102	n/a	n/a	1994	Replaced		_1E3	NO N	
	Patterson Recen		TV a	11/4	<u> </u>	<u> </u>				
SS-4BR-B	Bergen Patterson	100	n/a	n/a	2003	Replaceme	ent		Ø	
								. 🗆		
·						[·			
		**		•						
7. Description	on of Work R	emove snubbe	r 102 and re	place with reb	uilt spare	30 kip snul	bbei	s/n 10	00	
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating	Pre	ssure		
	Oth	ner 🛛	Pressure		psi	Test Temp	· _		- °F	
3087 (DOCUME	NT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:						
FOR ADMINIS		o Subv: PRGE	Assoc			SR: N	Fred	ı: O	vrs	
USE OF		MS: 3613		E: REF ONLY	Admin in	T	Date			

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4 Page 2 of 2

	ITEM 2003-21-0408
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replacement
	conforms to the rules on the ASME Code, Section XI.
	Signed
	Signed / Own John, NOE Lv/ III Date //28 , 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 MINNESCTA and employed by
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by MARTFORD STRAM BOILER OF CONNETTICNS HARTFORD, CT have inspected the components described in this Owner's Report during the period 17 /5 oc to
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINKSOTA and employed by MARTFORD STRAM BOILER OF CONNECTIONS HARTFORD, CT have inspected the components described in this Owner's Report during the period 17/5/02 to 7/L6/03 and state that to the best of my knowledge and belief, the Owner has performed
,	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by HARTFORD, CT have inspected the components described in this Owner's Report during the period 17 / 5 / 5 to
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by MARTEGED STRAM BOILER OF CONNECTIONS HARTEGED, CT have inspected the components described in this Owner's Report during the period 17/5/02 to 7/LE/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.
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by MARTFORD, CT and employed by MARTFORD, CT have inspected the components described in this Owner's Report during the period 17/5/02 to 7/65/03, 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
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by MARTFORD STRAM BOILER OF CONNECTION HARTFORD, CT have inspected the components described in this Owner's Report during the period 17 15 to 1/LE/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
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by MARTFORD, CT have inspected the components described in this Owner's Report during the period 17/5/02 to 7/LE/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
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNISCTA and employed by MARTFORD STRAM BOILER OF CONNECTIONS HARTFORD, CT have inspected the components described in this Owner's Report during the period 17 / 5 oc to 7 / 6 oc maintained and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11863 A M. I MNOO 40 28-60
•	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESCTA and employed by MARTFORD STRAM BOILER OF CONNECTION HARTFORD, CT have inspected the components described in this Owner's Report during the period 17 15 to 1/LE/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
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNISCTA and employed by MARTFORD STRAM BOILER OF CONNECTIONS HARTFORD, CT have inspected the components described in this Owner's Report during the period 17 / 5 oc to 7 / 6 oc maintained and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11863 A M. I MNOO 40 28-60

					ITEM	2003-21-0409	· ·			
	his form may not AWI-09.04.03 (AS									
	Supplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each		
1. Owner	Xcel Energy (Company	,	Date 7	/29/2003	?				
		Name								
2. Plant	2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Name									
2807 W. Cr	2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362									
	Address Repair Organization P.O. No., Job No. etc.									
3. Work Pe	erformed By 1	IMC/Xcel Energ	7 <i>y</i> .	Type Cod	ie Symbo	l Stamp <i>n/a</i>				
,		Company	Name	Authoriza	tion No.	n/a				
2807 V	V. Cnty. Rd. 75,		1 55362	_ Expiration	Date _	n/a				
		Idress						,		
4. Identific	ation of System	Recirculation	7			· · · · · · · · · · · · · · · · · · ·				
E (a) Applie	aabla Canata lat	ion Codo AN	CI D24 4	•		1067	_	dition		
5. (a) Applic	cable Construct	ion Code Aiv	31 63 1.1			1967 Year	— E	dition		
Adde	nda <u>No Adde</u>	nda		Code	Case ·_	n/a				
(b) Applio	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Addei	nda			
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents				
						1		ME		
Name of	Name of	 Manufacturer	National	Other	Year	Repaired, Replaced or	ľ	de nped		
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO		
SS-2BR	Bergen Patterson	146	n/a	n/a	1996	Replaced		Ø		
SS-2BR	Bergen Patterson	521	n/a	n/a	2003	Replacement		☒		
•			_							
				· ·						
7. Descript	on of Work R	emove snubbe	r 146 and re	place with reb	uilt spare	30 kip snubbe	r s/n 52	21		
8. Tests Co		drostatic	Pneun	natic	Nomina	al Operating Pre	essure	\Box		
J JUIU O	•	her 🛛	Pressure		psi	Test Temp		ت ۴		
	·									
	ENT CHANGE, HO							<u> </u>		
· · · · · · · · · · · · · · · · · · ·	FOR ADMINISTRATIVE Resp Supv: PRGE Assoc Ref. PRGE SR: N Fred: 0 vrs USE ONLY ARMS: 3613 Doc Type: REF ONLY Admin initials: Date:									

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision

	JTTN 0000 04 0400
_	ITEM <u>2003-21-0409</u>
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE
	We endify that the distance made in the record are correct and this.
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement
	_ /
	Signed Tom Jouth, NAE LVIII Date 7/29, 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 // ////////////////////////////////
	HARTFORD STEAM BOILER OF CONVECTION OF HARTFORD OT have
	inspected the components described in this Owner's Report during the period 12/5/02 to 7/29/03, 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.
•	a loss of any kind ansing from or connected with this hispection.
	$V_{\perp}A_{\perp}A_{\perp}$
	Inspector's Signature Commissions WB II FG 7 A, V & MN 004028-00 National Board, Province and Endorsements
	Date JULY 29 2003

ITEM 2003-21-0410										
	his form may not AWI-09.04.03 (AS							:		
8	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner	Xcel Energy C	Company		Date 7	/28/2003	· · · · · · · · · · · · · · · · · · ·				
2. Plant	Monticello Nu	Name clear Generatin	g Plant	Sheet 1		of	2			
000714/ 0		Name		14/0.000	00.47		•			
2807 W. Cn	ity. Rd. 75, Moi Ad	iticello, Minnes Idress	ota 55362	WO 020		tion P.O. No	Job No	etc.		
3 Work Pe	erformed By \(\Lambda		71/	•	•	Stamp n/	•			
O. WORKI		Company		Authoriza	•	n/a	<u> </u>			
2807 V	V. Cnty. Rd. 75,	Monticello, MN		Expiration	Date _	n/a				
•	Ad	Idress		,						
4. Identifica	ation of System	Recirculation	7							
F (a) Applic	ablo Constaict	ion Codo AN	CI D21 1		-	1967	_	dition		
o. (a) Applic	cable Construct	on codeAN	31 83 1.1			Year		uiliori		
Adde	nda <u>No Adde</u>	nda		Code	Case _	n/a				
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Ad	ldenda	<u> </u>		
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents				
<u> </u>	T	<u> </u>		<u> </u>	·	<u> </u>	I AS	ME		
						Repaired	, C	ode		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced of Replaceme		nped NO		
SS-4BR-A	Bergen	049	n/a	n/a	1994	Replaced		Ø		
	Patterson Bergen					·				
SS-4BR-A	Patterson	546	n/a	n/a	2003	Replaceme	nt L	☒		
7. Descripti	on of Work R	emove snubbe	r 049 and re	place with reb	uilt spare	30 kip snub	ber s/n 5	46		
8. Tests Co	nducted: Hv	drostatic	Pneun	natic 🗍	Nomina	al Operating	Pressure			
, 	·	ner 🛛	Pressure		psi	Test Temp		°F		
	ENT CHANGE, HO					00: N				
FOR ADMINISTRATIVE Resp Supv: PRGE Assoc Ref: PRGE SR: N Freq: 0 vrs USE ONLY ARMS: 3613 Doc Type: REF ONLY Admin initials: Date:										

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision

-	ITEM 2003-21-0410
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
٠	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed
	Owner or Owner's Designee, Title
l	
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of MINITIONA and employed by
	HART FOR STEAN BOILER OF CONVECTIONS HART FOR B, CT have inspected the components described in this Owner's Report during the period 12/5/02 to
	7/13/03 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.
٠.	
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or
•	a loss of any kind arising from or connected with this inspection.
	Plant A A Commission of the second of the se
	Inspector's Signature Commissions WB 11863 A, W, I MW 00 4028-CO National Board, Province and Endorsements
	Date

					ITEM	2003-21-041	1			
	his form may not AWI-09.04.03 (AS							:		
8	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner	Xcel Energy C	Company		Date 7	/28/2003	}				
Name 2. Plant Monticello Nuclear Generating Plant Sheet 1 of							2			
2807 W. Cn	ty. Rd. 75, Moi	Name	ota 55362	WO 020	2054					
, , , , , , , , , , , , , , , , , , ,		ddress	014 00002			tion P.O. No.,	Job No.	etc.		
3. Work Pe	erformed By \(\Lambda\)	IMC/Xcel Energ	7 <i>y</i>	Type Cod	le Symbo	ol Stamp <i>n/a</i>				
		Company	Name	Authoriza	tion No.	n/a				
2807 M	/. Cnty. Rd. 75,	<i>Monticello, M∖</i> idress	55362	Expiration	Date _	n/a		<u></u>		
4. Identifica	ation of System		Gas Contro	ol				. •		
5. (a) Applio	able Construct	ion Code AN	SI B31.1			1967	E	dition		
Adde	nda <i>No Adde</i>	nda		Code	Case _	Year n/a				
(b) Applic	able Edition of	Section XI Utiliz	zed for Repa	airs or Replace	ement _	1986, No Adde	nda			
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents				
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	ME ode nped		
Component	Manufacturer Bergen	Serial No.	Board No.	Identification	Built	Replacement	YES	NO		
SS-211	Patterson	531	n/a	n/a	1994	Replaced		\boxtimes		
SS-211	Bergen Patterson	483	n/a	n/a	2003	Replacement		☒		
·										
7. Descripti	on of Work R	emove snubbe	r 531 and re	place with reb	uilt spare	3 kip snubber	s/n 48:	3		
8. Tests Co	nducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pr	essure			
•	Otl	her 🛛	Pressure		psi	Test Temp _		- °F		
3087 (DOCUM	ENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:						
FOR ADMINISTRATIVE Resp Supv. PRGE Assoc Ref. PRGE SR: N Fred: 0 vrs										

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

Revision 4

	ITEM 2003-21-0411
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Replace ment repair/replacement
	Signed TOM SOND, NAE Lul TIT Date 7/28, 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

MONTICE	MONTICELLO NUCLEAR GENERATING PLANT						
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4					
	REPLACEMENTS - FORM NIS-2	Page 1 of 2					

	والمناب والمسابقة المستوسولة		سيوا كالمترون في المتالجات							
	ITEM 2003-21-0412									
						eplacement progr further guidance				
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.										
1. Owner										
2. Plant	Monticello Nu	Name clear Generatir	no Plant	Sheet 1		of 2)			
2. Han	·	Name	ig i latt			01	 			
2807 W. Cnt		nticello, Minnes	ota 55362	WO 020		Aine D.O. No. 1	ah Ma	-1-		
·		ddress		•	_	tion P.O. No., J	OD NO.	etc.		
3. Work Pe	rformed By	IMC/Xcel Energy Company		Type Cod Authoriza	-	ol Stamp <u>n/a</u> n/a				
2807 W	. Cnty. Rd. 75,	Monticello, MN		Expiration		n/a				
	Ac	ldress								
4. Identifica	tion of System	Recirculation	7	·	·-···					
5. (a) Applic	able Constructi	ion Code _ <i>AN</i>	SI B31.1		,	1967 Year	E	dition		
Adder	nda <i>No Adde</i>	nda		Code	Case _			:		
(b) Applica	able Edition of	Section XI Utili	zed for Rep	airs or Replace	ement	1986, No Addei	nda			
		nents Repaired	•							
	:					D		ME		
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Code Stamped			
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO		
SS-7BR	Bergen Patterson	022	n/a	n/a .	1994	Replaced		\boxtimes		
SS-7BR	Bergen Patterson	544	n/a	n/a	2003	Replacement		⋈		
						·				
	,			· · · · · · · · · · · · · · · · · · ·						
7. Description	on of Work R	emove snubbe	r 022 and re	olace with reb	uilt spare	30 kip snubbe	r s/n 54	 14		
•	******							· 🖂		
O. Tests Cor	8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other ☒ Pressure psi Test Temp °F									
			Pressure		psi ———	Test Temp _				
		LD AND COMME				SD: N Ero	a: 0			
FOR ADMINISTRATIVE Resp Subv: PRGE Assoc Ref: PRGE SR: N Fred: 0 vrs USE ONLY APMS: 3613 Pos Type: PEE ONLY Admin initials: Date										

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4

		ITEM 2003-21-0412
9.	Remarks (Applicable Manufacturer's	Data Reports to be Attached)
	Functional Testing per procedure 0251. VT-3 E	xamination as required by procedure 4903.
	CERTIFICATE OF	COMPLIANCE
	We certify that the statements made in the report are co	prect and this Replacement
İ	conforms to the rules on the ASME Code, Section XI.	repair/replacement
	/	
	Signed Tour out MAG	Lv/ III Date 7/28 , 2003
٠	Owner or Owner's Designee, Title	
	·	
	CERTIFICATE OF INSE	EDVICE INSPECTION
	CERTIFICATE OF INSE	RVICE INSPECTION
	I, the undersigned, holding a valid commission issued inspectors and the State or Province of MI	
	HARTERY STEAM BOILER OF COLMECTICUT	of HARIFORD, CT have
	inspected the components described in this Owner's R $7/(R/\alpha)$ and state that to the best of	report during the period 12/4/02 to my knowledge and belief, the Owner has performed
	examinations and taken corrective measures describ	
	requirements of the ASME Code, Section XI.	
	By signing this certificate neither the Inspector nor his	employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measure de the Inspector nor his employer SHALL be liable in any	
	a loss of any kind arising from or connected with this ins	
	Lax A Reclade; Commiss	sions NB 1/863 A, N. I 141/004028-CO
	Inspector's Signature	National Board, Province and Endorsements
	Date	<u>≈j</u>
		

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-041	3		
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.						•			
8	upplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,	s and (3) (each	
1. Owner	Xcel Energy C	Company		Date 8	3/5/2003				
•		Name		-					
2. Plant	Monticello Nu		ng Plant	Sheet <u>_1</u>		of	2		
2807 W. Cn	ity. Rd. 75, Moi	Name	ota 55362	WO 020	0989				
2007 11. 011		dress	00002		Repair Organization P.O. No., Job No. etc.				
3. Work Pe	erformed By A	IMCMal Enen	~~.	·	_	l Stamp <i>n/a</i>			
S. WOIK PE	enonned by <u>re</u>	Company		Authoriza	•				
2807 V	V. Cnty. Rd. 75,	•		Expiration	-				
	Ac	Idress		•	. —				
4. Identifica	ation of System	Main Steam.	RV-2-71A.	Class 1		-			
1. 100110110							···		
5. (a) Applio	cable Construct	on Code AN	SI B31.1	· ·		1967	. E	dition	
	1 11 11 11					Year	:		
Adde	nda <u>No Adde</u>	naa		Code	Case _	n/a			
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adde	nda	<u> </u>	
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents			
`								ME	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		ode nped	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
pilot stage assembly	Target Rock	196	n/a	n/a	1968	Replaced	Ø		
pilot stage assembly	Target Rock	195	n/a	n/a	1999	Replacement	\boxtimes		
				·					
· · · · · · · · · · · · · · · · · · ·				ŕ					
			•		·				
7. Descripti	on of Work R	eplace pilot sta	ge assembl	y with refurbis	hed spare	e assembly			
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pr	essure	\boxtimes	
Other Pressure psi Test Temp °F									
<u> </u>		· · · · · · · · · · · · · · · · · · ·			r - ·			<u> </u>	
3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: FOR ADMINISTRATIVE Resp Supv. PRGE Assoc Ref. PRGE SR: N Freq: 0 vrs									
						SR: N Fre	ea: O	vrs	

MONTICELLO NUCLEAR GENERATING PLANT TITLE: OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2 ITEM 2003-21-0413 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) System leakage tested per 0255-20-IIC-2 and 4280-OCD. The SRV was exercised open during startup at approximately 150 psig_per 0112

Signed Owner or Owner's Designee, Title repair/replacement repair/replacement Date August 5 , 2003

CERTIFICATE OF COMPLIANCE

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

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of hwycrota and employed by HARTFORD STEAM BONER OF CONVECTION OF HARTFURD, C) inspected the components described in this Owner's Report during the period __ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report, Furthermore, neither the Inspector nor his employer SHALL be 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 NI 11863 A.M. I HNOU4028-CU National Board, Province and Endorsements ALLEUST 2007

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

•					ITEM	2003-21-0414	;	
						eplacement progr further guidance		;
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 8	3/4/2003			
		Name .			····			
2. Plant	Monticello Nu	clear Generatir	ig Plant	_ Sheet <u>_1</u>	· · · · · · · · · · · · · · · · · · ·	of <u>_2</u>		
2807 M. Cn	ty. Rd. 75, Moi	Name	ota 55362	WO 020	0001 12	80-03-PM		
2007 VV. CIT		idress	Ola 30302			tion P.O. No., J	ob No.	etc.
2 184-de Da				•		Ť	•••••	0.0.
3. Work Pe	rformed By	Company		Authoriza	-	ol Stamp <u>n/a</u> n/a	 , .	
2807 W	. Cnty. Rd. 75,	•		Expiration		n/a		
		Idress		_	· · · · · · · · · · · · · · · · · · ·			
4. Identifica	tion of System	Main Steam,	RV-2-71B,	Class 1				
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1967	E	dition
						Year		
Adder	nda <u>No Adde</u>	nda		Code	Case _	n/a		·
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents		
<u></u>	<u> </u>				•	1	1	ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		ide nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
pilot stage assem	Target Rock	208	n/a	n/a	1968	Replaced	×	
pilot stage assem	Target Rock	243	n/a	n/a	1975	Replacement	Ø	
		·						
7. Description	on of Work _R	eplace pilot sta	ge assembl	y with refurbis	hed asse	mbly		<u> </u>
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pre	essure	\boxtimes
	Oti		Pressure		psi	Test Temp		_ °F
3087 (DOCUME	NT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
FOR ADMINIS	and the first than the forest terms of the first te	SD SUDV: PRGE	Assoc	Ref: PRGE	γ	SR: N Fre		vrs
IISF ON	41 V 200022 00 10 1 1 1 1 1 1	40 0040	10 -		1 A J !	itiala: Dat		1 '

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4
Page 2 of 2

	ITEM 2003-21-0414
	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	System leakage test per 0255-20-IIC-2. Setpoint testing was performed with steam per
	4280-03-PM and exercised open during startup per Procedure 0112
_	
	CERTIFICATE OF COMPLIANCE
٧	Ve certify that the statements made in the report are correct and this
C	onforms to the rules on the ASME Code, Section XI. repair/replacement
9	igned Toldoger, Section XI ISI Coordinator Date August 4, 2003
J	Owner or Owner's Designee, Title
_	
•	OFFICIATE OF MOFFICIAL
	CERTIFICATE OF INSERVICE INSPECTION
	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel aspectors and the State or Province of HINNESOLA and employed by
H	ARTFORD STEAM BOILER OF CONNECTICUT OF MARTFORD, CT have
in	respected the components described in this Owner's Report during the period $\frac{3/7/v_3}{5/4/o_3}$ to $\frac{3/7/v_3}{14/o_3}$, and state that to the best of my knowledge and belief, the Owner has performed
	xaminations and taken corrective measures described in this Owner's Report in accordance with the
re	equirements of the ASME Code, Section XI.
C	y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, oncerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	ne Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or loss of any kind arising from or connected with this inspection.
	Lust A Release Commissions NB 11863 A, N. J. MNOO 4028-CO
	Inspector's Signature National Board, Province and Endorsements
• . •	Date AUGUST 4, 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-04	15	
	his form may not AWI-09.04.03 (AS							:
8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each shee		each
1. Owner	Xcel Energy (<u></u>	Date 8	/5/2003			
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet		of	2	_
2807 W. Cn	ty. Rd. 75, Moi	Name	ota 55362	WO 020	0997			
2007 11. 011		dress	,ota			tion P.O. No.,	Job No.	etc.
3. Work Pe	rformed By^	IMC/Xcel Energ	gy	Type Cod	e Symbo	ol Stamp _n/a		
•	. —	Company		Authoriza				
_2807 W	[/] . Cnty. Rd. 75,		55362	Expiration	Date _	n/a		
4 Idontifica		Idress	DV 2 71E	Class 1			•	
4. Identifica	tion of System	ivialii Stealii,	, KV-Z-71E,	Class I			- · · · · · · · · · · · · · · · · · · ·	
5. (a) Applic	able Constructi	ion Code AN	SI B31.1	· · · · · · · · · · · · · · · · · · ·	· ·	1967 Year	E	dition
Adder	nda <u>No Adde</u>	nda	:	Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Ada	enda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
	<u> </u>					T	AS	ME
N	3 15 26	14	A 1-1'1	045		Repaired,		ode
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacemen		nped NO
pilot stage assembly	Target Rock	6	n/a	n/a	1968	Replaced		
pilot stage assembly	Target Rock	197	n/a	n/a	1999	Replacemen	t. 🛛	
	,			·				
7. Description	on of Work R	eplace pilot sta	ge assembl	y with refurbis	hed span	e assembly		
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating F	ressure	
	_		D-0.001150	*	nci	Tool Tool		۰F
	Oti	ner 📋	Pressure		psi	Test Temp		- -
3087 (DOCUME		<u> </u>			——————————————————————————————————————	rest remp		
3087 (DOCUME	ENT CHANGE, HO	<u> </u>		orporated:	——————————————————————————————————————		rea: 0	vrs

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

					(
				ITEM 2003-21-0415	
9.	Remarks	(Applicable Manu	ıfacturer's Data Reports	s to be Attached)	_
	VT-2 per 0255-	20-IIC-2 and 4280-OC[). Stroked open during	g startup at approx 150 psig per	
	procedure 0112		: -		_
	· · · · · · · · · · · · · · · · · · ·	·			
					_
	•	CERTII	FICATE OF COMPLIANC	Œ	_
	_	statements made in the re	The second secon		-
	_	es on the ASME Code, Se	The second secon	repair/replacement	,
•		Dave hastin	TT TET C 1	nu 1	
.'	Signed	Owner or Owner's Desi	ignee, Title	Date <u>fugust</u> 5, 2003	
				V .	
			·		1
		CERTIFICAT	E OF INSERVICE INSPE	ECTION	₹;
. [Inspectors and th	holding a valid commission he State or Province	of MINNELUTA	al Board of Boiler and Pressure Vessel and employed by have	
-	inspected the comp	ponents described in this	Owner's Report during th	the period <u>3/7/67</u> to	
	8/5/03	, and state that to the	he best of my knowledge	e and belief, the Owner has performed	
		taken corrective measure ASME Code, Section XI.		wner's Report in accordance with the	
 	By signing this certi concerning the exar	tificate neither the Inspector	or nor his employer make measure described in the	kes any warranty, expressed or implied, e Owner's Report. Furthermore, neither	
		is employer SHALL be liab crising from or connected w		ly personal injury of property damage or	
	A /	ioning mont of Comment	iti tilo moposis		
	Kin A.	Delate.	Commissions NA 118	867 A, N, I MY 00 40 28-50	
	Inspec	tor's Signature	Nation	nal Board, Province and Endorsements	
	Date AU6	fust J	2003		
		-M17	·		
			•		

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•			ITEM	2003-21-0416	<u> </u>	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 0	8/01/200	3	-	
		Name						•
2. Plant	Monticello Nu	clear Generatin	ng Plant	_ Sheet <u>1</u>	 	of <u>_2</u>	<u> </u>	
2807 W Cn	ty. Rd. 75, Moi	Name nticello Minnes	ota 55362	WO 020	0999 (42	80-03-PM)		
2007 11. 011		dress	0.0.0			tion P.O. No., J	ob No.	etc.
3 Work Pe	rformed By \ \Lambda	IMC/Xcel Ener	σv	·		ol Stamp <i>n/</i> a	•	
J. WORL C	normed by <u>n</u>	Company	· · · · · · · · · · · · · · · · · · ·	_ Authoriza	-	· -		
2807 W	⁷ . Cnty. Rd. 75,	• •		Expiration	Date	n/a		
	Ac	Idress		-				•
4. Identifica	ition of System	Main Steam,	Class 1	·		·		
	able Constructi nda <i>No Adde</i>		SI B31.1	Code	Case	1967 Year	E	dition
				· · · · · · · · · · · · · · · · · · ·		£.		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents	. •	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement		ME de nped NO
2nd stage	Target Rock	56	n/a	n/a	1987	Replaced		Ø
<u>disc</u> 2nd stage								
disc	Target Rock	121	n/a	n/a	1999	Replacement		Ø
	·		,					
			•					
	•							
7. Description	on of Work R	eplace 2nd sta	ge disc for to	opworks s/n 1:	23	 	· .	
8. Tests Co		drostatic	Pneun			al Operating Pre	essure	
	•	her 🛛	Pressure	_	psi	Test Temp _		_ °F
3087 (DOCUME	NT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
FOR ADMINIS	TRATIVE Res	So Supv: PRGE	Assoc	Ref: PRGE		SR: N Free	a: 0	vrs

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4
Page 2 of 2

ITEM 2003-21-0416 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Setpoint Pressure Test of the topworks using steam performed after rebuild per procedure 4280-03-PM This is a spare topworks - installation testing and system leakage test will take place under separate work orders when installed in plant at later date CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this replacement. repair/replacement conforms to the rules on the ASME Code, Section XI. Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINUELOTA ____ and employed by HARTFORD ITEAM BOILDA OF COLNECTICAL OF MAKT FORD, CF have inspected the components described in this Owner's Report during the period 1 / 1 / 1/5 */1/o3 _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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

WB 11863 1, V. I HW00 4021-Co

National Board, Province and Endorsements

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

NOTE 4					ITEM	2003-21-0417	,		
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner	1. Owner Xcel Energy Company Date 8/1/2003								
		Name	5.				·		
2. Plant	Monticello Nu	clear Generatir Name	ng Plant	Sheet <u>1</u>	<u>'</u>	of <u>_2</u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
2807 W. Cnt	ty. Rd. 75, Mor		ota 55362	WO 020	1000				
		idress		Repair	Organiza	tion P.O. No., J	ob No.	etc.	
3. Work Pe	rformed By A	IMC/Xcel Energ	gy	Type Cod	ie Symbo	ol Stamp <i>n/a</i>		•	
		Company		Authoriza	-	· ———			
2807 W	[/] . Cnty. Rd. 75,		55362	_ Expiration	Date _	n/a			
	Ac	ldress		· .		•		•	
4. Identifica	tion of System	Main Steam,	RV-2-71G						
						1007	_		
5. (a) Applic	able Constructi	on Code AN	SI B31.1		· · ·	1967 Year	— E	dition	
Adder	nda <u>No Adde</u>	nda		Code	Case _	n/a			
(b) Applic	able Edition of	Section XI Utili:	zed for Rep	airs or Replace	ement	1986. No Addei	nda	:	
. ,	(b) Applicable Edition of Section XI Utilized for Repairs or Replacement <u>1986, No Addenda</u>								
6. Identification of Components Repaired or Replaced and Replacement Components									
o. identifica	tion of Compor	nents Repaired	or Replace	d and Replace	ment Co	mponents		•	
о. ідепитса	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co		AS		
Name of	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Cor	Repaired, Replaced or	Co	ME ode	
Name of Component						Repaired,	Co	de	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de nped	
Name of Component pilot stage	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	nped NO	
Name of Component pilot stage assembly pilot stage	Name of Manufacturer Target Rock	Manufacturer Serial No. 169G	National Board No. n/a	Other Identification n/a	Year Built 1999	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO	
Name of Component pilot stage assembly pilot stage	Name of Manufacturer Target Rock	Manufacturer Serial No. 169G	National Board No. n/a	Other Identification n/a	Year Built 1999	Repaired, Replaced or Replacement Replaced	Stan YES	NO	
Name of Component pilot stage assembly pilot stage	Name of Manufacturer Target Rock	Manufacturer Serial No. 169G	National Board No. n/a	Other Identification n/a	Year Built 1999	Repaired, Replaced or Replacement Replaced	Stan YES	NO	
Name of Component pilot stage assembly pilot stage assembly	Name of Manufacturer Target Rock Target Rock	Manufacturer Serial No. 169G 170	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1999 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	nped NO	
Name of Component pilot stage assembly pilot stage assembly	Name of Manufacturer Target Rock Target Rock	Manufacturer Serial No. 169G 170	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1999 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	nped NO	
Name of Component pilot stage assembly pilot stage assembly	Name of Manufacturer Target Rock Target Rock on of Work R nducted: Hy	Manufacturer Serial No. 169G 170 eplace pilot sta	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1999 2003 with refurt Nomina	Repaired, Replaced or Replacement Replaced Replacement oished assembly	Stan YES	ode nped NO	
Name of Component pilot stage assembly pilot stage assembly 7. Description 8. Tests Control	Name of Manufacturer Target Rock Target Rock on of Work R nducted: Hy	Manufacturer Serial No. 169G 170 eplace pilot statedrostatic ner	National Board No. n/a n/a Pege assemble Pneum	Other Identification n/a n/a	Year Built 1999 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	nped NO	
Name of Component pilot stage assembly pilot stage assembly 7. Description 8. Tests Control	Name of Manufacturer Target Rock Target Rock on of Work R nducted: Hy Ott	Manufacturer Serial No. 169G 170 eplace pilot statedrostatic ner	National Board No. n/a n/a ge assemble Pneum Pressure	Other Identification n/a n/a	Year Built 1999 2003 with refurt Nomina	Repaired, Replaced or Replacement Replaced Replacement oished assembly	Stan YES Stan YES	ode nped NO	

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

REPLACEMENTS - FORM NIS-2	Page 2 of 2
ITE	M _2003-21-0417
9. Remarks (Applicable Manufacturer's Data Reports to be A	Attached)
Leak checked Flange per 4280-OCD during Pressure Test 0255-20-l	IC-2. SRV exercised open at
Rx pressure of approx 150 psig during startup procedure 0112	
	-
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this	replacement
conforms to the rules on the ASME Code, Section XI.	repair/replacement
	· •.
of the same Catin IT TET C 1' to Date	N + 1 9003
Signed	August 1 2003
OFFICIAL OF MOSEVIAL INSPECTION	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board	
Inspectors and the State or Province of MINNESOLA HARTFULD,	and employed by have
inspected the components described in this Owner's Report during the period	
and state that to the best of my knowledge and be examinations and taken corrective measures described in this Owner's R	
requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any w	varranty, expressed or implied,
 concerning the examinations and corrective measure described in the Owner's the Inspector nor his employer SHALL be liable in any manner for any person 	
a loss of any kind arising from or connected with this inspection.	ar injury or property damage or
Lux A Rululi Commissions VO 11867	AKI MWOOYORT-10
Inspector's Signature National Board	, Province and Endorsements
Date Aufust 4 2005	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0418	}	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.								
1. Owner	Xcel Energy C	Company		Date _8	2/5/2003			
2. Plant	Monticello Nu	Name clear Generatir	na Plant	Sheet 1		of 2)	
•		Name						
2807 W. Cn	ty. Rd. 75, Mor	nticello, Minnes Idress	ota 55362	WO 020		tion P.O. No., J	ob No	etc
					-	·	Φ D 110.	eic.
3. Work Pe	rformed By	Company		_ Type Cod Authoriza	-	ol Stamp <u>n/a</u> n/a	·	
2807 W	. Cnty. Rd. 75,			Expiration		n/a		
		ldress.	······································	•	_	•		
4. Identifica	ition of System	Main Steam,	, RV-2-71G					
5. (a) Applic	able Constructi	on Code _ <i>AN</i>	SI B31.1	· · · · · · · · · · · · · · · · · · ·		1967	E	dition
Adder	nda <u>No Adde</u>	nda		Code	Case _	Year n/a		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Addel	nda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
Name of	Name of	Manufacturer	National Board No.	Other	Year	Repaired, Replaced or	Co Stan	ME ode nped
Component main stage	Manufacturer	Serial No.		Identification	Built	Replacement	YES	20
disc	Target Rock	122	n/a	n/a	1968	Replaced		
main stage disc	Target Rock	.580	n/a	n/a	1989	Replacement		
				·				
						·		
			<u>.</u>	· 	·	·		
7. Description	on of Work R	eplace main st	age disc			·		
 Description Tests Con 		<i>eplace main st</i> drostatic	<i>age disc</i> Pneun	natic	Nomina	al Operating Pre	essure	
, • •	nducted: Hy				Nomina psi	al Operating Pro	essure	 °F
8. Tests Co	nducted: Hy	drostatic ner	Pneun Pressure				essure	

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

	ITEM _2003-21-0418
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	A VT-3 preservice exam is required which is identified in the 4280-01-PM procedure
	77 V 7 O procedures skam to required Whish to recording the record of 1 W procedure
	CERTIFICATE OF COMPLIANCE
	$\rho \downarrow $
	We certify that the statements made in the report are correct and this
	contonns to the rules on the ASME Code, Section XI.
	Signed Town Jouly NDE Lul III Date 8/5, 2003
	Owner or Owner's Designee, Title
	6.
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of <u>ININGLATA</u> and employed by
	HARTFORD STEAM BOILE'R OF CONWECTION of HARTFORD (T have inspected the components described in this Owner's Report during the period 3/14/0] to
	inspected the components described in this Owner's Report during the period 3//4/0] to 5/5/07, and state that to the best of my knowledge and belief, the Owner has performed
•	examinations and taken corrective measures described in this Owner's Report in accordance with the
	requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be 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 ND 11863 A, N, I M V 00 M 28 CO National Board, Province and Endorsements
•	Inspector's Signature National Board, Province and Endorsements
	Date 446457 5 , 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•			ITEM	2003-21-0419	١	
								•
8-	·1/2 in x 11 in, (2)	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each ·
1. Owner	Xcel Energy C	Company		Date 8	3/3/2003			
		Name						
2. Plant	Monticello Nu		ig Plant	_ Sheet <u>_1</u>	· · · · ·	of <u>_2</u>		
2807 W. Cn	ty. Rd. 75, Moi		ota 55362	WO 020	0992			
				Repair (Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed Bv N	IMC/Xcel Ener	av	Type Cod	le Symbo	ol Stamp <i>n/a</i>		
					-	`		
2807 W			1 55362	_ Expiration	Date _	n/a		
	Ac	ldress						
4. Identifica	ition of System	Main Steam,	RV-2-71B,	Class 1	<u> </u>			<u> </u>
	-1-1- 0			•		4007	_	J:4:
5. (a) Applic	able Construct	ion Code Aiv	SI B31.1		 '	Year		aition
Adder	nda <u>No Adde</u>	nda		Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Rep	airs or Replace	ement	1986. No Addei	nda	
• • • • •			• •	·	_			
o, identifica	tion of Compor	ients Repaired	or Replaced	and Replace	ment Col	nponents		
						Renaired		
Name of	Name of	Manufacturer	National	Other	Year	Replaced or	1	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
_	Target Rock	. 578	n/a	n/a	1968	Replaced	\boxtimes	
Main Stage Disc	Target Rock	4567	n/a	n/a	1989	Replacement	×	, 🗆
		•			·			
					-			
			•]				
7. Description	Note Note							
•		_		natic	Nomina	I Operating Pro	essure	
•	nducted: Hy	drostatic	Pneun	_	_		essure	
8. Tests Co	nducted: Hy	drostatic 🗌	Pneur Pressure		_		essure	
8. Tests Co	nducted: Hy Otl	drostatic 🗌	Pneun Pressure NT FORM) inc	orporated:	_			°F

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

Page 2 of 2

•		
		ITEM <u>2003-21-0419</u>
Remarks	(Applicable Manufacturer's Data Reports t	o be Attached)
PSI VT-3 of replacer	ment disc performed as required in 4280-01	I-PM procedure
		.4

	CERTIFICATE OF COMPLIANCE	
We certify that the staten	nents made in the report are correct and this	realacement
•	the ASME Code, Section XI.	repair/replacement
Signed A REAL	Los dection XT ISI Coordinator Di	ate August 3, 2003
Ow	vner or Owner's Designee, Title	
		·
	CERTIFICATE OF INSERVICE INSPEC	TION
I the undersigned heldi	ng a valid commission issued by the National I	Poord of Pollor and Proceurs Voscal
	tate or Province of MILLES (a) A	and employed by
•	LER OF CONVECTICUT OF HARTE	
inspected the componen	ts described in this Owner's Report during the	period 3/19/03 to
	, and state that to the best of my knowledge a	
examinations and taken	corrective measures described in this Own	er's Report in accordance with the
requirements of the ASM	E Code, Section XI.	
	10 d d d d d d d d d d d d d d d d d d d	
By signing this certificate	neither the Inspector nor his employer makes	any warranty, expressed or implied,
	ons and corrective measure described in the C	
	ployer SHALL be liable in any manner for any p from or connected with this inspection.	beisonal injury of property damage of
	TOTAL CONTINUES WITH THE HISPOSION.	
111		_
Lout A Rule	Commissions <u>VB 11 f6</u>	3 A. N. I MN DO 4028-CO
Inspector's S	Signature National	Board Province and Endorsements

Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

•					ITEM	2003-21-0420)	
	This form may not \$ AWI-09.04.03 (AS							
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy (Company	-	Date 8	3/4/2003			
2. Plant		Name clear Generatir	ng Plant	Sheet _1		of <u>2</u>		
2807 W. Cr	nty. Rd. 75, Moi	Name nticello, Minnes	ota 55362	WO 020	0996 (42	80-03-PM)		
		ddress				tion P.O. No., J	ob No.	etc.
3. Work P	erformed By	MC/Xcel Energ	gy	Type Cod	le Symbo	ol Stamp n/a		
		Company	Name	Authoriza	tion No.	n/a		
2807 V	V. Cnty. Rd. 75,		1 55362	Expiration	Date _	n/a		
	Ad	idress						
4. Identific	ation of System	Main Steam	Class 1					
5. (a) Appli	cable Construct	ion Code <u>AN</u>	SI B31.1			1967	E	dition
Adde	enda <i>No Adde</i>	ında		Code	Case	Year		
	 				_	· · · · · · · · · · · · · · · · · · ·		·····
(b) Appli	cable Edition of	Section XI Utili	zed for Rep	airs or Replace	ement _	1986, No Addei	nda	
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	ME de nped
Component Preload	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Snacer	Target Rock	V-194	n/a	n/a	1976	Replaced		Ø
Preload Snacer	Target Rock	589	n/a	n/a	1992	Replacement		Ø
·								
		· · · · · · · · · · · · · · · · · · ·						
		•	*					
7. Descript	ion of Work _R	eplace Preloac	Spacer for	Topworks s/n	194			
B. Tests Co	onducted: Hy	drostatic 🔲	Pneun	natic	Nomina	al Operating Pre	essure	
	-	her 🛛	Pressure		psi	Test Temp _		_°F
3087 (DOCUM	ENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				7
	*** * * *** ** *** *** *** *** *** ***	so Suov: PRGE	Assoc		1	SR: N Fre		vrs
arazatara hizotali	ANNUL TO PER PERBOSO AL A DI	MS: 3613	I Doo Tune	 REF ONLY 	I Admin in	itials: Dat	<u>~·</u>	

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR TITLE: Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2003-21-0420 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Setpoint pressure test and stroke time of the topworks using steam performed after rebuild per procedure 4280-03-PM. This is a spare topworks - installation testing and system leakage test will _take_place_under_separate_work_orders_when installed in plant at later date CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNETOTA and employed by MARTFORD STEAM BOILIR OF CONNECTICUT OF HARTFURD, CT inspected the components described in this Owner's Report during the period 3/17/03 γ/ч /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 William National Board, Province and Endorsements AUGUST Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance. DTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. Owner Xcel Energy Company Date 8/4/2003 Name Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Name 107 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200996 (4280-03-PM) Repair Organization P.O. No., Job No. etc. Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address Identification of System Main Steam, Class 1 (a) Applicable Construction Code ANSI B31.1 Addenda No Addenda Code Case n/a Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial No. Board No. Identification Built Replaced TyES NO. No. No. No. No. No. No. ASME Code Case Serial No. Board No. Identification Built Replaced TyES NO. No. No. No. No. No. No. No. No. No. No.							
<u>NOTE 1:</u>								
NOTE 2:	8-1/2 in x 11 in, (2)	information in ite	ms 1 through	6 on this report	is include	d on each shee		each
1. Owne	Xcel Energy (Company	_	Date 8	3/4/2003			
2 Plant	Monticello Nu		na Plant	- Sheet 1			2	
Z. Flaiit	Monticello 14d		ig i lant	_ Oneet _/		··· ·		
2807 W. C	nty. Rd. 75, Mo	nticello, Minnes	ota 55362	WO 020	0996 (42	80-03-PM)		
• .	. A	ddress		Repair	Organiza	tion P.O. No.	Job No.	etc.
3. Work I	Performed By				_	·	l	
								
_2807			V 55362	_ Expiration	Date _	n/a		
	. Ad	ddress					٠	
4. Identifi	cation of System	Main Steam,	Class 1					
			101.004.4					
5. (a) App	licable Construct	ion Code AN	SI B31.1		·········· 1			dition
Add	enda <u>No Adde</u>	nda	·	Code	Case _	• * * - * * *		
(b) App	licable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Add	lenda	
	•		•	·	-		. '	
		1	T:			1		NAT"
]					Repaired		
Name of	Name of	Manufacturer	National		Year		B.	
Componen	Manufacturer	Serial No.	Board No.	Identification	Built	Replacemen	t YES	NO
Pilot Disc	Target Rock	V-194	n/a	n/a	1976	Replaced		Ø
Pilot Disc	Target Rock	328	n/a	n/a	1975	Replacemen	t 🗆	\boxtimes
				1				
7. Descrip	tion of Work <u>R</u>	eplace Pilot Dis	sc for Topwo	orks s/n 194				
8. Tests C	Conducted: Hy	drostatic	Pneun	natic 🗍	Nomina	al Operating F	Pressure	
	-	her 🛛	Pressure	,	psi	Test Temp		_ °F
3087 (DOCLU	MENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
		so Supv: PRGE	Assoc			SR: N F	rea: 0	vrs
		MS: 3613	Doc Type		Admin in		late:	

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 2 of 2 ITEM 2003-21-0421 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Setpoint Pressure Test and Stroke Time of the topworks using steam performed after rebuild per procedure 4280-03-PM. This is a spare topworks - installation testing and system leakage test will take place under separate work orders when installed in plant at later date CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MININGS IA and employed by MATFORD STEAM BULLER OF CONNECTION OF HARTFORN, CT inspected the components described in this Owner's Report during the period 3/17/0) 8/4/σ3 _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 NR11883 A, N. J HN 00 4928-CO National Board, Province and Endorsements AUGUST 4 2007 Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0422		
	This form may not 4 AWI-09.04.03 (AS							:
	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each
1. Owner	Xcel Energy (Date	/18/2003	· 		
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	_ Sheet _1		of 2		
2807 W C	nty. Rd. 75, Mo	Name nticello Minnes	ota 55362	WO 030	5896			
2007 11. 0		dress	0.00			tion P.O. No., J	ob No.	etc.
3. Work F	Performed By /	MC/Xcel Energ	gy	Type Cod	e Symbo	ol Stamp <i>n/</i> a		
	- -	Company		Authoriza	tion No.	n/a		
_2807	W. Cnty. Rd. 75,		55362	_ Expiration	Date _	n/a		
		ddress	•			,	•	
4. Identific	cation of System	Core Spray	A, Class 2	· 				
5. (a) Appl	icable Construct	ion Code _ <i>AN</i>	SI B31.1			1977	E	dition
Add	enda <i>Winter</i> 1	978	•	Code	Case	Year n/a	•	
laaA (d)	icable Edition of	Section XI Utili	zed for Repa	airs or Replace	- ement	1986, No Adder	nda	-
	cation of Compor		•					
	<u> </u>					1	AS	ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de
Name of Component		Serial No.	Board No.	Identification	Built	Replacement	YES	NO
RV-1745 Disc Insert	Crosby	n/a	n/a	*N96443	1997	Replaced		\boxtimes
RV-1745 Disc Insert	Crosby	N96443- NEHO	n/a	*N96443	2003	Replacement		\boxtimes
		· ·						
7. Descrip	tion of Work R	eplace disc ins	ert for RV-1	745 (*Crosby	part #)			
•		eplace disc ins	ert for RV-1 Pneun			al Operating Pre		
7. Descrip 8. Tests C	onducted: Hy			natic [al Operating Pre		
8. Tests C	onducted: Hy	drostatic 🗌	Pneun Pressure	natic [Nomina			

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

•	ITEM <u>2003-21-0422</u>
9.	CERTIFICATE OF COMPLIANCE risy that the statements made in the report are correct and this repair/replacement CERTIFICATE OF INSERVICE INSPECTION COMPLIANCE COMPLIANCE COMPLIANCE COMPLIANCE COMPLIANCE CERTIFICATE OF INSERVICE INSPECTION COMPLIANCE COMP
	Setpoint and leak check per 0255-03-IB-1. This is a spare relief valve. Installation leakage testing
	will be performed under a separate Work Order when it is installed in plant
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replace ment
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Owner's Designee. Title Date 7/19, 2003
	<u> </u>
	CERTIFICATE OF INSERVICE INSPECTION
	INRIFORD STEAM BOILE'S OF CONNECTICOT OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/17/03 to
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	Inspector's Signature Commissions NB 11863 A, N, I MN 004028-CO National Board, Province and Endorsements

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0423	}	
						eplacement progr further guidance		
8-	1/2 in x 11 in, (2)		ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		_ Date _0	8/01/200	3		
		Name	5 1.	0				
2. Plant	Monticello Nu	clear Generatir Name	ig Plant	_ Sheet <u>_1</u>		of <u>2</u>		
2807 W. Cn	tv. Rd. 75. Mor	nticello, Minnes	ota 55362	WO 020	0999 (42	80-03-PM)		
			tion P.O. No., J	ob No.	etc.			
3 Work Pe	rformed By A	IMC/Xcel Energ	av	Type Cod	le Symbo	ol Stamp <i>n/a</i>		
o. Wome	.,	Company	 			n/a		
2807 W		Monticello, MN	J 55362	Expiration				
•	Ad	ldress						
4. Identifica	ition of System	Main Steam,	Class 1		<u></u>			
•								
5. (a) Applic	able Constructi	ion Code <u>AN</u>	SI B31.1	<u> </u>		1977 Year	E	dition
Adder	nda <i>Winter</i> 1:	978		Code	Case			•
					_	· · · · · · · · · · · · · · · · · · ·		
(h) Annlic								
(p) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adder	nda	
. ,		Section XI Utili: nents Repaired	•	•			nda	<u> </u>
. ,			•	•				ME
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	AS Co	de
6. Identifica Name of	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Con	mponents Repaired, Replaced or	AS Co Stan	ode nped
6. Identifica	tion of Compor Name of Manufacturer	nents Repaired Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Co Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	nped NO
6. Identifica Name of Component Actuator Stud	Name of Manufacturer	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Con	mponents Repaired, Replaced or	AS Co Stan	nped NO
6. Identifica Name of Component Actuator	tion of Compor Name of Manufacturer	nents Repaired Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Co Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	nped NO
Name of Component Actuator Stud Actuator	Name of Manufacturer Target Rock Nova	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Actuator Stud Actuator	Name of Manufacturer Target Rock Nova	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Actuator Stud Actuator	Name of Manufacturer Target Rock Nova	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Cc Stan YES	ode nped NO S S
Name of Component Actuator Stud Actuator Stud	Name of Manufacturer Target Rock Nova Machine	Manufacturer Serial No.	National Board No. n/a	Other Identification n/a	Year Built 1974 1989	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	ode nped NO S S
Name of Component Actuator Stud Actuator Stud 7. Description	Name of Manufacturer Target Rock Nova Machine	Manufacturer Serial No. n/a n/a	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1974 1989	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO S S
Name of Component Actuator Stud Actuator Stud	Name of Manufacturer Target Rock Nova Machine on of Work R	Manufacturer Serial No. n/a n/a eplace actuato	National Board No. n/a n/a	Other Identification n/a n/a V Topworks s/	Year Built 1974 1989 Vn123	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO
Name of Component Actuator Stud Actuator Stud 7. Description 8. Tests Con	Name of Manufacturer Target Rock Nova Machine on of Work R nducted: Hy	Manufacturer Serial No. n/a n/a eplace actuato drostatic	National Board No. n/a n/a r stud in SR Pneum	Other Identification n/a n/a V Topworks s/	Year Built 1974 1989	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO S S
Name of Component Actuator Stud Actuator Stud 7. Description 8. Tests Con	Name of Manufacturer Target Rock Nova Machine on of Work R nducted: Hy Oth	Manufacturer Serial No. n/a n/a eplace actuato	National Board No. n/a n/a r stud in SR Pneum	Other Identification n/a n/a V Topworks s/	Year Built 1974 1989 Vn123	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	ode nped NO

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

								1 agc 2 01 2	
						•			
						l.	TEM <u>2003</u> -	21-0423	
9.	Remark	ks	(Applicable	e Manufa	cturer's Data	Reports to be	e Attached)		
	This i	is an actuato	r for a spare s	safety-reli	ef valve top	works, Installa	ation system	leakage testing w	vill
	•					-	•	n it is installed in	
	plant_			,					
_		<u> </u>	<u> </u>	CERTIFIC	CATE OF CO	MPLIANCE			·
								.4.	
		•	ements made i on the ASME C	-		and this	replace renair/re	eplacement	
	·		.,		- ,,,,,,,		Горинт		
			_				•		
	Signed .	Dust	Dage, &	rction XI	ISI Coord	inatur Date	Lugue	t 1. 2003	,
			Owner or Owne	er's Design	ee, Title		0		
	<u> </u>				 :				
			CERT	IFICATE (OF INSERVI	CE INSPECTIO	N.		
								nd Pressure Vesse	
			State or Pr			HART FORM,		and employed by have	•
						t during the per			0
	8/1/							vner has performed	
			en corrective (ME Code, Sec		described in	n this Owner's	Report in a	ccordance with the	e
	raquirerin	citis of the Ao	WIE COUC, OCC	don 7d.					
								pressed or implied	
		•					•	furthermore, neither	
			npioyer <i>SHAL</i>				onal injury of	property damage of	н
		1	•					•	
	1	1 A /1			`ommissions	WR HEET			
		Inspector's	s Signature		011111113310113	National Boa	rd, Province	and Endorsements	-
	_								
	Date ₋	AUGU	57 /	······································	2003	_			
	*	•		-	•				

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

-					ITEM	2003-21-0)424	
NOTE 1: 7	This form may not AWI-09.04.03 (AS	t address all items SME SECTION XI	s needed for o	locumentation o _ACEMENT PRO	f a repair/ı GRAM) fo	replacement p r further guida	orogram, s ance.	ee
8	Supplemental she -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	ed on each she	ze is eet, and (3) each
1. Owner	Xcel Energy (Company		Date 8	3/4/2003			
		Name			· -	•		
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>_1</u>	· · · · · · · · · · · · · · · · · · ·	of	2	
-2807 W. Cr	nty. Rd. 75, Mo	Name nticello Minnes	ota 55362	WO 020	1004 (42	180-03-PM)		
		ddress				tion P.O. No	o., Job N	o. etc.
3. Work Pe	erformed By /	VMC/Xcel Engr	av	Type Coc	le Symbo	ol Stamp <i>n</i>	/a	
		Company		Authoriza		· · —	<u>, a</u>	· · · · · · · · · · · · · · · · · · ·
2807 V	V. Cnty. Rd. 75,		V 55362	_ Expiration	Date _	n/a		
	Ad	ddress	•	•				
4. Identifica	ation of System	Main Steam,	, SRV Topw	orks, Class 1				
	•							
5. (a) Applic	cable Construct	ion Code <u>AN</u>	SI B31.1		•	1977 Year		Edition
Adde	nda <i>Winter</i> 1	978		Code	Case			
			mad for Doo				-1 -11 -	
(b) Applic	able Edition of	Section At Othic	zed for Repa	airs or Replace	ement _	1986, NO AC	gaenaa	
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
					· .	Ţ	1	SME
Name of	Name of	Manufacturer	. National	Other	Year	Repaired Replaced		Code amped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replaceme		
4 Actuator Studs	Target Rock	n/a	n/a	n/a	1974	Replaced	, 0	Ø
4 Actuator Studs	Nova Machine	n/a	n/a	n/a	1998	Replaceme	ent 🔲	Ø
								
·								
7. Descripti	on of Work R	eplace 4 actual	tor studs in S	SRV Topworks	s s/n 119			
8. Tests Co	nducted: Hv	drostatic	Pneun	natic 🗍	Nomina	al Operating	Pressur	e []
	. •	her 🛛	Pressure	. —		•		°F
	······				psi 	Test Temp	<u> </u>	
	ENT CHANGE, HO							
FOR ADMINIS		so Suov: PRGE MS: 3613	Associ		Admin in	SR: N	Frea: C Date:	vrs
more resident than the supplies of the contract of the second	er er ar er	<u></u> 5015	L DOC 14DE	. ILLI UITLI	T CORRECT III	iudio.	שמוע.	

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision -

Page 2 of 2

		(
	ITEM	2003-21-0424
9.	Remarks (Applicable Manufacturer's Data Reports to be Atta	ached)
	Setpoint and stroke time testing performed per procedure 4280-03-PM.	This is an actuator for a
	spare safety-relief valve topworks - installation testing and system leake	age test will take place
	under separate work orders when installed in plant at later date	
		,
	CERTIFICATE OF COMPLIANCE	
1	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI.	placement repair/replacement
	Signed Dection XT ISI Coordinator Date Owner or Owner's Designee, Title	August 4, 2003
		/
	CERTIFICATE OF INSERVICE INSPECTION	
	I, the undersigned, holding a valid commission issued by the National Board of Inspectors and the State or Province of himpson HARTFORM ROLLER OF CHARTON GRANTFORM (AND FORM ROLLER OF CHARTON FORM) AND THE PROVINCE TICHT OF HARTFORM (COMPONENTS Report during the period RIU 103 —————, and state that to the best of my knowledge and believe examinations and taken corrective measures described in this Owner's Report during the ASME Code, Section XI.	and employed by have 7/21/03 to f, the Owner has performed
	By signing this certificate neither the Inspector nor his employer makes any war	ranty, expressed or implied.

concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer *SHALL* be liable in any manner for any personal injury of property damage or

Commissions WR 11863 A, W L 19W004028-CU
National Board, Province and Endorsements

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

AUGUST 4

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4 Page 1 of 2

					ITEM	2003-21-042	5	
	This form may not 4 AWI-09.04.03 (AS							•
	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet		each
1. Owner	Xcel Energy (Date _7	7/18/2003			
		Name						
2. Plant	Monticello Nu	clear Generatir Name	ng Plant	_ Sheet <u>_1</u>	ı [·]	of _	2	
2807 W. C	nty. Rd. 75, Mo		ota 55362	WO #02	02066			
· · · · · · · · · · · · · · · · · · ·		ddress		Repair	Organiza	tion P.O. No.,	Job No.	etc.
3. Work F	erformed By >	Kcel Energy Co.		Type Cod	le Symbo	Stamp N/A		
	,	Company	Name	Authoriza	tion No.	N/A		
2807	W. Cty Rd 75, M	onticello, MN 5	55362	Expiration	n Date	N/A		
	Ad	dress	· -	_				
4. Identific	cation of System	Spare - 130	Kip Snubbe	r		•		•
•								
5. (a) Appl	icable Construct	ion Code _AN	SI B31.1	•	,	1967	E	dition
Add	enda <i>None</i>			Code	Case /	Year V/A	•.	
(b) Appli	icable Edition of	Section XI Hilli	zed for Pen			1986		
(n) Whh	icable Edition of	Section XI Office	sed tot Web	alls of Mepiaci		7900		
6. Identific	cation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents		
	T			I			AS	ME
						Repaired,		ode
Name of	Name of	Manufacturer	National	Other	Year	Replaced or		nped
Component		Serial No.	Board No.	Identification	Built	Replacement		NO
Cylinder	Bergen Patterson	183	N/A	N/A	1992	Replaced		Ø
Cylinder	Bergen Patterson	183	N/A	N/A	2003	Replacement		☒
-			•					
				-				
 		*					1	
					·			
7. Descrip	tion of Work <u>R</u>	eplace cylinder	tube on sni	ubber SN 183				
8. Tests C	onducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating P	ressure	
	Oti	her 🗌	Pressure		psi	Test Temp		_ °F
3087 (DOCUM	MENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
3087 (DOCUN FOR ADMIN	MENT CHANGE, HO	DLD AND COMME	NT FORM) inc			SR: N Fr	ea: 0	vrs

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

3613

Revision

		ITEM 2003-21-0425
9.	Remarks (Applica	ble Manufacturer's Data Reports to be Attached)
	Functional test per 0251, VT-	3 to be completed when installed.
		CERTIFICATE OF COMPLIANCE
1	We certify that the statements mad	e in the report are correct and this Replacement
	conforms to the rules on the ASME	Code. Section XI. repair/feplacement
	Signed Tou	~ JOHN, NOE WILL Date 7/18, 2003
		ner's Designee, Title
		
	CE	RTIFICATE OF INSERVICE INSPECTION
	I the undersigned holding a valid	commission issued by the National Board of Boiler and Pressure Vessel
•	Inspectors and the State or	Province of MINNESSTA and employed by
	MART FORU STEAM BULLER	
		ed in this Owner's Report during the period
		e measures described in this Owner's Report in accordance with the
	requirements of the ASME Code, S	ection XI.
	By signing this certificate neither the	ne Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and o	orrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHA a loss of any kind arising from or co	ALL be liable in any manner for any personal injury of property damage or
	a loss of any kind ansing from of co	infected with this hispection.
	2 1 1 1	
	Mug A Dulery Inspector's Signature	Commissions WB 1/863 4, WI 14 400 4008-C0 National Board, Province and Endorsements
	inspector's Signature	ivational board, Province and Endorsements
	Date <u>July 18</u>	. 2003
٠.		

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:		Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

٠						ITEM	2003-21-0	427	
<u>NC</u>			address all items						e .
<u>NC</u>	8-	-1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each she		each
1.	Owner	Xcel Energy (Date 7	//31/2003	}	<u>-</u> -	
2.	Plant	Monticello Nu	Name clear Generatin	ng Plant	Sheet	, ·	of	2	
28	07 W. Cn	tv. Rd. 75. Mo	Name nticello, Minnes	ota 55362	WO 020	0351 and	1 0204310		
	<u> </u>		ddress	<u> </u>			tion P.O. No	., Job No	. etc.
3.	Work Pe	erformed By	MC/Xcel Energ			-	ol Stamp <u>n/</u>	′a	
	2807 W	/ Cntv Rd 75	Company Monticello, MN		Authoriza Expiration	-	_n/a n/a		
	2007 1		idress	00002		Date _	11/G		
4.	Identifica	ation of System	MST, valve	4 <i>O-2-86C,</i> (Class 1		·		
5.	(a) Applio	able Construct	ion Code _AN	SI B31.1		,	1977 Year	E	dition
	Adde	nda <i>Winter</i> 1	978		Code	Case			
									
	(h) Applic	able Edition of	Section XI Utili	zed for Rena	airs or Replace	ement	1986 No Ao	ldenda	
	• . • • •		Section XI Utilization		•	. —		ldenda	
6. 	Identifica	ntion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired Replaced of	AS Cor Star	SME ode nped
6. 	Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired	AS Co or Star	nped NO
6. 	Identifica	ntion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired Replaced of	AS Cor Star	ode mped_
6. 	Identifica	ntion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired Replaced of	AS Co or Star	nped NO
6. 	Identifica	ntion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired Replaced of	AS Cor Star ent YES	nped NO
6. 	Identifica	ntion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired Replaced of	or Star	nped NO
6. 	Identifica	ntion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired Replaced of	AS Cor Star Int YES	ode mped NO
6. 	Identification	Name of Manufacturer	nents Repaired Manufacturer	or Replaced National Board No.	Other Identification	ment Co	Repaired Replaced of	AS Cor Star YES	ode mped NO
6. Co	Identification	Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Co	Repaired Replaced of Replaceme	AS Cor Star YES	ode mped NO
6. Co	Identification Identi	Name of Manufacturer on of Work R	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	ment Co	Repaired Replaced of	AS Constant YES	ode mped NO
6. Co	Identification Identi	Name of Manufacturer on of Work R nducted: Hy	Manufacturer Serial No.	or Replaced National Board No. g by welding Pneum Pressure	Other Identification	Year Built	Repaired Replaced of Replaceme	AS Constant YES	ode mped NO
7. 8.	Identification Identi	Name of Manufacturer on of Work R nducted: Hy Ott	Manufacturer Serial No.	or Replaced National Board No. g by welding Pneum Pressure	Other Identification	Year Built	Repaired Replaced of Replacement	AS Constant YES	ode mped NO

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

	ITEM _2003-21-0427
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Valve LLRT per procedure 0137-07A, Stroke O/C per 0255-07-IA-1, PI test per 0255-07-IA-4.
	Pressure Testing, per 0255-IIC-2
	CERTIFICATE OF COMPLIANCE
	We contifue that the statements made in the second are correct and this
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed 10m Joul, NIE Lv/III Date 7/31, 2003 Owner or Owner's Designee, Title
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of MINNESOTA and employed by MARTER RUSTEAN APPLIED OF CONNECTION OF HARTER P, CT have
	inspected the components described in this Owner's Report during the period 4/22/03 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.
	a 1055 of any finia anomy from a commence with the megacine
	KINT A. Pulare Commissions NA 11867 A.N. I HWOOYOLF-CO
	Inspector's Signature Commissions VB 11867 A, NJ HW004025-CO National Board, Province and Endorsements
	Date 5414 31 . 2003

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

	•			•		ITEM	2003-21-042	9	. •
NOTE 1		nis form may not AWI-09.04.03 (AS	address all items	needed for d REPAIR/REPL	ocumentation o	f a repair/r GRAM) foi	eplacement prog	ram, see)
NOTE 2	_ 8-	1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each sheet,	s and (3)	each
1. Ow	vner .	Xcel Energy C			Date 7	7/31/03			
2. Pla	ant .	Monticello Nu	Name clear Generatir	ng Plant	Sheet _1	1	of	2 -	
2807 V	V Cnt	tv. Rd. 75. Moi	Name nticello, Minnes	ota 55362	N/A				
2001 1	1. 0111	<u> </u>	dress			Organiza	tion P.O. No.,	Job No.	etc.
3. Wo	ork Pe	rformed By^	IMC		Type Cod	le Symbo	ol Stamp <i>n/a</i>		
		· .	Company		Authoriza				
_28	807 W		Monticello, MN	1 55362	_ Expiration	Date _	n/a		
4 Ide	ntifica	•	ldress HPCI Coolin	a Water Cla	ass 2 and 3				•
,	.,,,,,,			3					-,
5. (a) A	Applic	able Construct	on Code AN	SI B31.1	·		1977 Year	E	dition
	Adder	nda <i>Winter</i> 1:	978		Code	Case _	n/a		
(b) A	Applica	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adde	nda	
	• •		Section XI Utili: nents Repaired	•	•	_		enda	
	ntifica			•	d and Replace Other	_		AS Co	ME ode nped
6. Ide	ntifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	AS Co	ode
6. Ider Name Compo	ntifica of nent	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired, Replaced or	AS Co Star	ode nped
6. Ider Name Compo	ntifica e of ment 2"-HE	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Col Year Built	Repaired, Replaced or Replacement	AS Co Star YES	nped NO
Name Compo TW38-2 RV41-	ntifica e of onent 2"-HE	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	Year Built	Repaired, Replaced or Replacement Rerate	AS Co Star YES	nped NO
Name Compo TW38-2 RV41- HE	ntifica e of onent 2"-HE	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	Year Built 1967	Repaired, Replaced or Replacement Rerate Rerate	AS Co Star YES	nped NO
Name Compo TW38-2 RV41- HE	ntifica e of onent 2"-HE	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	Year Built 1967	Repaired, Replaced or Replacement Rerate Rerate	AS Co Stan YES	ode nped NO S
Name Compo TW38-2 RV41- HE TW39-2	of of onent	Name of Manufacturer	nents Repaired Manufacturer	or Replaced National Board No	Other Identification	Year Built 1967	Repaired, Replaced or Replacement Rerate Rerate	AS Co Stan YES	ode nped NO S S S S S S S S S S S S S S S S S S
Name Compo TW38-2 RV41- HE TW39-2	of of onent 2"-HE 1½- :	Name of Manufacturer	Manufacturer Senal No.	or Replaced National Board No	Other Identification	Year Built 1967 1967	Repaired, Replaced or Replacement Rerate Rerate	AS Co Stan YES	ode nped NO S S S S S S S S S S S S S S S S S S
Name Compo TW38-2 RV41- HE TW39-2	of of onent 2"-HE 1½- :	Name of Manufacturer on of Work R	Manufacturer Senal No.	National Board No. - - - - - - - - - - - - -	Other Identification	Year Built 1967 1967	Repaired, Replaced or Replacement Rerate Rerate Rerate	AS Co Stan YES	ode inped NO
Name Compo TW38-2 RV41- HE TW39-2 7. Des	of of onent 2"-HE 1½- "-HE coription	Name of Manufacturer on of Work R nducted: Hy	Manufacturer Senal No.	National Board No. - - - - - - Pressure	Other Identification	Year Built 1967 1967 1967	Repaired, Replaced or Replacement Rerate Rerate Rerate	AS Co Stan YES	ode inped NO S S S S S S S S S S S S S S S S S S

MONTICELLO NUCLEAR GENERATING PLANT 3613 OWNER'S REPORT FOR REPAIRS OR Revision 4 TITLE: **REPLACEMENTS - FORM NIS-2** Page 2 of 2

_	
	ITEM <u>2003-21-0429</u>
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	No flaws are associated with this rerate. Leak testing was accomplished using surveillance
	procedure 0255-06-IIB "HPCI System Pressure Test" completed 3/7/2002. No physical changes
	were made as a result of this rerate
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. repair/replacement
•	Signed 10m South, NOE Lol 711 Date 7/31 , 2003 Owner or Owner's Designee, Title
	Cimici di Cimici di Dosiglioti, Fiat
	<u></u>
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of https://www.ffoia and employed by <a a="" href="https://www.ffoia and employed by <a href=" https:="" www.ffoia<=""> and employed by <a a="" href="https://www.ffoia and employed by <a href=" https:="" www.ffoia<=""> and employed by <a a="" href="https://www.ffoia have inspected the components described in this Owner's Report during the period <a href=" https:="" www.ffoia<=""> to

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2001-20-0430)	
						eplacement progr further guidance		
8·		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C			_ Date _8	3/6/2003			,
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet 7	1	of 2		
		_	· -					
2807 W. Ch	ty. Rd. 75, Mor Ad	nticello, Minnes Idress	ota 55362			<i>)307565, 03077</i> tion P.O. No., J		etc
3 Mork De					_	ol Stamp N/A		
3. Work Performed By Xcel Energy Co Company Name				_ Authoriza	-			
2807 W	/. Cty Rd 75, M			Expiration				
		ldress		•	_	,		
4. Identifica	ation of System				· · · · · · · · · · · · · · · · · · ·			
5. (a) Applic	able Constructi	ion Code AN	SI B31.1	·	, <u>.</u>	1967	E	dition
Adde	nda <i>None</i>			Code	Case _	Year N/A		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replac	ement _	1986		
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
	Ţ			I		1	AS	ME
	Na		N 1 - 1 2 1	Other	, ,	Repaired,		de
Name of Component	Name of . Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan YES	npea NO
12 Studs	Unknown	N/A	N/A	N/A	1967	Replaced		Ø
12 Studs	Dubose	N/A	N/A	N/A	2003	Replacement		Ø
24 Nuts	Unknown	N/A	N/A	N/A	1967	Replaced		Ø
24 Nuts	Dubose	N/A	N/A	N/A	2003	Replacement		×
6" flange and 4" cap	Dubose	N/A	N/A	N/A	2003	Replacement		Ø
7. Descripti		emoval of sections			-	lind flange to Re	eactor l	Head
8. Tests Co	nducted: Hy	drostatic	Pneun	natic 🗌	Nomina	al Operating Pre	essure	\boxtimes
	Oth	ner 🗌	Pressure		psi	Test Temp		_ °F
								

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2001-20-0430 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks VT-1 exam for 6" N6A flange and bolting material. VT-2 IWA-5000, 0255-20-IIC-2 for N6A blind flange and 0255-04-IIA-1 for the RHR high point vent keepfull lines as well as the welded cap upstream FF-10-102 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed

CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNES OF AMBRITORS and employed by HARTFORS JEAN BOILER OF COMMISCICUT OF HARTFORS, CT have inspected the components described in this Owner's Report during the period Y/17/03 to SIGNOR and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 1163 ANT HV00 4028-CO National Board, Province and Endorsements
Date August 6. 2007

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•	•		ITEM	2003-21-0431	'	_
						eplacement progr further guidance		
. 8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 8	3/6/2003			
,		Name						
2. Plant	Monticello Nu	clear Generatir Name	ng Plant	Sheet <u></u>	· · ·	of <u>_2</u>		
2807 W. Cn	WO 020	3827, 02	03829					
		ldress		-		tion P.O. No., J	ob No.	etc.
3 Work Pe	erformed By N	IMC		Type Cod	le Symbo	l Stamp <i>n/a</i>		
o, monto	Authoriza							
2807 W	/. Cnty. Rd. 75,		1 55362	Expiration	Date _	n/a		
	Ac	Idress						
4. Identifica	ation of System	Recirculation	n System B	Pump #12 (P	P-200B), (Class 1		
						•		
5. (a) Applic	able Constructi	on Code <u>AS</u>	ME Section	<i>III</i>		1980 Year	E	dition
Adder	nda Winter 1	981		Code	Case			
			and for Don		_	1986, No Adder	ndo.	
(D) ADDIIC	able Edition of	Sechon XIII iiii.	zeo ioi keo:	airs or Rebiace	smeni	IYAN NO BONE	77 TH	
(-7 - 41						1000, 110 7-10001	, au	
	ition of Compor				_			
					_	mponents	AS	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Coi	mponents Repaired,	AS Co	de
					_	mponents	AS	de
Name of Component Stuffing Box	Name of Manufacturer Bingham-	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Cor	mponents Repaired, Replaced or	AS Co Stan	de ped
Name of Component Stuffing Box Cover Stuffing Box	Name of Manufacturer Bingham-Willamette Bingham-	Manufacturer Serial No.	or Replaced National Board No.	d and Replace Other Identification	ment Cor Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	nped NO
Name of Component Stuffing Box Cover	Name of Manufacturer Bingham-Willamette	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Stuffing Box Cover Stuffing Box	Name of Manufacturer Bingham-Willamette Bingham-	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Stuffing Box Cover Stuffing Box	Name of Manufacturer Bingham-Willamette Bingham-	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan	nped NO
Name of Component Stuffing Box Cover Stuffing Box	Name of Manufacturer Bingham-Willamette Bingham-	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Stuffing Box Cover Stuffing Box Cover	Name of Manufacturer Bingham-Willamette Bingham-	Manufacturer Serial No. n/a 11N18-3	National Board No. n/a 829	Other Identification n/a	Year Built 1969 1980	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	nped NO
Name of Component Stuffing Box Cover Stuffing Box Cover	Name of Manufacturer Bingham-Willamette Bingham-Willamette	Manufacturer Serial No. n/a 11N18-3	National Board No. n/a 829	Other Identification n/a n/a	Year Built 1969 1980	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	nped NO
Name of Component Stuffing Box Cover Stuffing Box Cover	Name of Manufacturer Bingham-Willamette Bingham-Willamette On of Work R	Manufacturer Serial No. n/a 11N18-3	National Board No. n/a 829	Other Identification n/a n/a on Recirc Punnatic	Year Built 1969 1980	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	de nped NO
Name of Component Stuffing Box Cover Stuffing Box Cover 7. Description 8. Tests Co	Name of Manufacturer Bingham-Willamette Bingham-Willamette On of Work R nducted: Hy	Manufacturer Serial No. n/a 11N18-3 eplace Stuffing drostatic	National Board No. n/a 829 Box Cover Pneum	Other Identification n/a n/a on Recirc Punnatic	Year Built 1969 1980	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	de nped NO NO NO NO NO NO NO NO NO NO NO NO NO
Name of Component Stuffing Box Cover Stuffing Box Cover 7. Description 8. Tests Co	Name of Manufacturer Bingham- Willamette Bingham- Willamette On of Work R nducted: Hy Ott	Manufacturer Serial No. n/a 11N18-3 eplace Stuffing drostatic	National Board No. n/a 829 Box Cover Pneum	Other Identification n/a n/a on Recirc Punnatic orporated:	Year Built 1969 1980	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	de nped NO NO NO NO NO NO NO NO NO NO NO NO NO

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

National Board, Province and Endorsements

Revision

Page 2 of 2

·				
•		ITEN	2003-21-043	1
9. Remarks (Applicable	Manufacturer's Data R	eports to be At	tached)	
VT-3 new cover. Pressure testing	ng performed during the	Class 1 Press	ure Boundary S	ystem
_Leakage Test 0255-20-IIC-2				
			· · · · · · · · · · · · · · · · · · ·	
				·
		· · · · · · · · · · · · · · · · · · ·		<u> </u>
	CERTIFICATE OF COMP	LIANCE		
We certify that the statements made in	n the report are correct and	d this	placement	
conforms to the rules on the ASME Co	ode, Section XI.	•	repair/replacem	ent
••			*.	
Signed Signed because because	tron XI ISI Coordinate	Date ↓	ugust 6	, 2003
Owner or Owne	r's Designee, Title	· ·	0	· · ·
	-			
CERT	IFICATE OF INSERVICE	INSPECTION		
		· Intional Danad a	f Dallan and Dan	Massal
I, the undersigned, holding a valid co Inspectors and the State or Pro				nployed by
HARTFORD STEAM BOILER OF CO	INVECTICAT of H	ARTFORA, CI		have
inspected the components described				to
examinations and taken corrective r	hat to the best of my knownessures, described in the			
requirements of the ASME Code, Sect			pore in accordant	
By signing this certificate neither the I	Inspector nor his employe	r makes any wa	arranty, expressed	l or implied,
concerning the examinations and corr	ective measure described	in the Owner's	Report. Furtherm	ore, neither
the inspector nor his employer SHALL a loss of any kind arising from or conne	-	for any persona	l injury of property	damage or
• , , ,			•	
Lings A Refuse:	Commissions V	# 1/863 A. I	C. P. M. VORK	12 F-C0

2003

Inspector's Signature

AUGUST 6

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0432		
	This form may not I AWI-09.04.03 (AS							!
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each
1. Owner	Xcel Energy 0	Company		Date 8	/6/2003			•
•.		Name						
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>_1</u>	<u> </u>	of <u>2</u>		
2807 W/ Cr	nty. Rd. 75, Moi	Name	ota 55362	WO 020	3826, 02	13829		
2001 11.01		dress	00002			tion P.O. No., J	ob No.	etc.
3 Work P	erformed By A	JMC		Type Cod	e Symbo	l Stamp <u>n/a</u>		
3. Work Performed By NMC Company Name				_ Authoriza				
2807 V	V. Cnty. Rd. 75,	Monticello, MN	<i>I</i> 55362	Expiration	Date _	n/a		
	Ac	ldress						
4. Identific	ation of System	Recirculation	n System A	Pump #11 (P	-200A), (Class 1		
		•					•	
5. (a) Appli	cable Construct	ion Code <u>AS</u>	ME Section		,	1980 Year	E	dition
Adde	enda <i>Winter</i> 1	981	•	Code	Case			
(b) Appil	cable Edition of	Section XI Utili	zea for Repa	airs or Replace	ement _	1986, NO Addel	naa .	
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
	T						AS	ME
No of	Name of		Matienal	Other	Vaar	Repaired,		de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Identification	Year Built	Replaced or Replacement	YES	nped NO
Stuffing Box Cover	Bingham- Willamette	n/a	n/a	n/a	1969	Replaced		Ø
Stuffing Box Cover	Bingham- Willamette	11N35-2	n/a	n/a	1983	Replacement		Ø
•								
7. Descript	ion of Work R	eplace Stuffina	Box Cover	on Recirc Pun	np #11 (F	?-200A)		
8. Tests Co		drostatic	Pneun			al Operating Pre	ecura	\boxtimes
U. 16313 U	•			_		. •	Joguic	°F
	Oti	ner 🗌	Pressure		psi 	Test Temp _		
· · · · · · · · · · · · · · · · · · ·	ENT CHANGE, HO		NT FORM) inc					
FOR ADMIN		so Suov: PRGE	Assoc	Ref: PRGE	1 A d-sis is	SR: N Free	<u>a: 0</u>	vrs

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

		ITEM _2003-21-0432
9.	Remarks	(Applicable Manufacturer's Data Reports to be Attached)
	VT-3 new co	ver. Pressure testing performed during the Class 1 Pressure Boundary System
	_Leakage Te	t 0255-20-IIC-2
		·
, ,		CERTIFICATE OF COMPLIANCE
	-	rules on the ASME Code, Section XI. repair/replacement
	Signed (Owner or Owner's Designee, Title
		CERTIFICATE OF INSERVICE INSPECTION
	Inspectors and H4AT FORD ST inspected the constraint of the second secon	the State or Province of MINKESOIA and employed by mponents described in this Owner's Report during the period 7/22/03 to and state that to the best of my knowledge and belief, the Owner has performed d taken corrective measures described in this Owner's Report in accordance with the he ASME Code, Section XI.
1	concerning the e	ertificate neither the Inspector nor his employer makes any warranty, expressed or implied, xaminations and corrective measure described in the Owner's Report. Furthermore, neither his employer SHALL be liable in any manner for any personal injury of property damage or larising from or connected with this inspection.
	Wwt Ins	A Andrew Commissions WB N 863 A, W, I hw to 4028-Commissions National Board, Province and Endorsements
	Date	tugust 6 , 2003

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4 Page 1 of 2

					· ITEM	2003-21-0433	3	
						eplacement progr further guidance		•
8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.	; and (3) (each
1. Owner	Xcel Energy C	Company		Date 7	7/18/2003	}		
		Name						
2. Plant	Monticello Nu	clear Generatir	ng Plant	Sheet _1		of <u>2</u>		
2907 M. Ca	ty. Rd. 75, Mor	Name	: :ota 55363	WO 020	2002			
2007 VV. CIT		idress	01a 55502			tion P.O. No., J	oh No	etc
				•	_	•	OD 140.	eic.
3. Work Performed By NMC					-	ol Stamp N/A		
000714	. O-4 - D-1 -75	Company		Authoriza				<u> </u>
2807 W	['] . Cnty. Rd. 75,		1 55362	_ Expiration	Date _	N/A		
4 Identifica	tion of System	ldress #11 FDG-FS	SW Heat Ex	changer :Class	s 3	<i>:</i>		
r. Idomanoc			, , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				:
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1977 Year	E	dition
Adder	nda <i>Winter</i> 7	8		Code	Case	-,		
مالم المال	-1-1- =	S			·			
INLANNIC	anie Hoition ot :	Section XI Litili	ZAM TAT KAN	airs or Replace	ament .	1986 No Adde	nda	
			•	·	_	1986, No Adde	nda	
	able Edition of t		•	·	_		nda	
			•	·	_		nda AS	ME
6. Identifica	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	AS Co	de
6. Identifica	tion of Compor	ents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired, Replaced or	AS Co Stan	de nped
6. Identifica Name of Component	tion of Compor Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Col Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	de nped NO
6. Identifica	tion of Compor	ents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired, Replaced or	AS Co Stan	de nped
6. Identifica Name of Component	tion of Compor Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Col Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	de nped NO
6. Identifica Name of Component Bolts	Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Bolts Bolts	Name of Manufacturer unknown	Manufacturer Serial No. N/A	National Board No. N/A	Other Identification N/A	Year Built 1967 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	nped NO
Name of Component Bolts Botts Nuts	Name of Manufacturer unknown Nova unknown	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A n/a	Other Identification N/A N/A	Year Built 1967 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	AS Co Stan YES	nped NO
Name of Component Bolts Bolts Nuts Nuts	Name of Manufacturer unknown Nova unknown Nova	Manufacturer Serial No. N/A N/A N/A N/A	National Board No. N/A N/A n/a N/A	Other Identification N/A N/A N/A N/A	Year Built 1967 2003 1967 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	AS Co Stan	de nped NO
Name of Component Bolts Bolts Nuts Nuts	Name of Manufacturer unknown Nova unknown Nova	Manufacturer Serial No. N/A N/A N/A N/A N/A	National Board No. N/A N/A N/A N/A th longer on	Other Identification N/A N/A N/A N/A N/A es - nuts a/so	Year Built 1967 2003 1967 2003	Repaired, Replaced or Replacement Replacement Replacement Replacement Replaced Additional Replaced Replacement	AS Co Stan YES	de nped NO
Name of Component Bolts Bolts Nuts Nuts Nuts	Name of Manufacturer unknown Nova unknown Nova on of Work Renducted: Hy	Manufacturer Serial No. N/A N/A N/A N/A N/A ONA N/A N/A	National Board No. N/A N/A N/A N/A n/a N/A th longer on	Other Identification N/A N/A N/A N/A N/A N/A Other Identification N/A N/A N/A N/A Identification	Year Built 1967 2003 1967 2003	Repaired, Replaced or Replacement Replacement Replacement Replacement Replaced Replacement	AS Co Stan YES	de nped NO
Name of Component Bolts Bolts Nuts Nuts Nuts	Name of Manufacturer unknown Nova unknown Nova	Manufacturer Serial No. N/A N/A N/A N/A N/A ONA N/A N/A	National Board No. N/A N/A N/A N/A th longer on	Other Identification N/A N/A N/A N/A N/A N/A Other Identification N/A N/A N/A N/A Identification	Year Built 1967 2003 1967 2003	Repaired, Replaced or Replacement Replacement Replacement Replacement Replaced Additional Replaced Replacement	AS Co Stan YES	de nped NO
Name of Component Bolts Bolts Nuts Nuts Nuts 1. Description 8. Tests Control	Name of Manufacturer unknown Nova unknown Nova on of Work Renducted: Hy	Manufacturer Serial No. N/A N/A N/A N/A N/A eplace bolts will drostatic ner	National Board No. N/A N/A N/A N/A n/a N/A th longer on Pressure	Other Identification N/A N/A N/A N/A N/A N/A Other Identification N/A N/A N/A N/A N/A Identification N/A N/A N/A N/A N/A N/A	Year Built 1967 2003 1967 2003	Repaired, Replaced or Replacement Replacement Replacement Replacement Replaced Replacement	AS Co Stan YES	de nped NO
Name of Component Bolts Bolts Nuts Nuts Nuts 1. Description 8. Tests Control	Name of Manufacturer unknown Nova unknown Nova on of Work Ronducted: Hy Oth INT CHANGE, HO	Manufacturer Serial No. N/A N/A N/A N/A N/A eplace bolts will drostatic ner	National Board No. N/A N/A N/A N/A n/a N/A th longer on Pressure	Other Identification N/A N/A N/A N/A N/A orporated:	Year Built 1967 2003 1967 2003	Repaired, Replaced or Replacement Replacement Replacement Replacement Replaced Replacement	AS Co Stan YES	de nped NO

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

Revision

	ITEM 2003-21-0433
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	No PSI required. No Pressure Testing or Post Maintenance IST required.
	OFFITION TO GO COMPLIANCE
	CERTIFICATE OF COMPLIANCE
· .·	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. /repair/replacement
•	
	Signed TOM JONELVIII Date 7/18 , 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 MINDEL STA and employed by
	HARTFORD STEAM DOILER OF CONNECTIONS OF HARTFORD CONNECTION have
	inspected the components described in this Owner's Report during the period \(\frac{9/\sum_3/67}{} \) to \(\frac{7/8/67}{} \), and state that to the best of my knowledge and belief, the Owner has performed
	examinations and taken corrective measures described in this Owner's Report in accordance with the
	requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 WI 11863 A, V 3 HW 00 40 28 - CU National Board, Province and Endorsements
	Inspector's Signature National Board, Province and Endorsements
	Date

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4 Page 1 of 2

					ITEM	2003-21-0434	1	
	This form may not 4 AWI-09.04.03 (AS							•
	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy (Date	/18/2003				
2. Plant	Name Plant Monticello Nuclear Generating Plant Name					of _2	· ·	-
2807 W. C	nty. Rd. 75, Mo		WO 020	5093				
		ddress		Repair	Organiza	tion P.O. No., J	lob No.	etc.
3. Work F	Performed By			-	Stamp N/A			
0007	W 0-4. Dd 75	Company		Authoriza				
2807	W. Cnty. Rd. 75,	<i>Monticello, Mi</i> dress	7 55362	- Expiration	Date _	N/A	•	
4. Identific	cation of System		SW Heat Exc	changer. Class	s 3			
,,								
5. (a) Appl	icable Construct	ion Code AN	SI B31.1			1977 Year	E	dition
Add	enda <i>Winter '</i> 7	78		Code	Case _	N/A		
(b) Appl	icable Edition of	Section XI Utili	zed for Rena	airs or Replace	- ement	1986 No Adde	nda	
()	cation of Compor	,	·		_			•
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Co	ME ode nped
Bolts	unknown	N/A	N/A	ŅΛ	1967	Replaced		\boxtimes
Bolts	Nova	N/A	N/A	N/A	2003	Replacement		☒
Nuts	unknown	N/A	N/A	N/A	1967	Replaced		⋈
Nuts	Nova	N/A	N/A	N/A	2003	Replacement		⊠
			, .					
	i							
7. Descrip	tion of Work R	eplace bolts wi	th longer on	es - nuts also	replaced	due to mech. c	lamage	<u>:</u>
	· ·	eplace bolts wi	<i>th longer on</i> Pneun			due to mech. cal Operating Pro		
	onducted: Hy			natic				
8. Tests C	onducted: Hy	drostatic her	Pneun Pressure	natic	Nomina	al Operating Pro		
8. Tests C	Onducted: Hy Ot	drostatic her	Pneun Pressure	orporated:	Nomina	Test Temp SR: N Fre	essure a: 0	

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

ITEM 2003-21-0434 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks No PSI required. No Pressure Testing or Post Maintenance IST required. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Om JOUND, NDE LV/ III Date
Owner or Owner's Désignee, Title Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HINNESOTA _ and employed by MARTFORD STEAM BUILDE OF CONNECTICUT OF HARTFURD, CT have inspected the components described in this Owner's Report during the period 7/23/03 7/18 (0) and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 NR 1/863 A. N.J HW004028-CO National Board, Province and Endorsements Date

				•	ITEM	2003-21-0435	j	
	his form may not AWI-09.04.03 (AS							
. 8	upplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a	and (3) e	each
1. Owner	Xcel Energy C	Company		_ Date _7	7/18/2003			
		Name		_				
2. Plant	Monticello Nu	clear Generatin	ig Plant	_ Sheet <u>_1</u>		of <u>_2</u>		
000714/ 0-	L. DJ 75 M.	Name	-1- 55000	14/0 000		•		
2807 W. Cn	ty. Rd. 75, Moi		ota 55362	WO 020			- I- NI -	
	Ad	dress		Repair	Organiza	tion P.O. No., J	OD NO.	etc.
3. Work Pe	erformed By				-	l Stamp _ <i>N/A</i>		
		Company		Authoriza		N/A		
_2807 VI	V. Cnty. Rd. 75,		1 55362	Expiration	n Date	N/A		
	Ac	ldress						
4. Identifica	ation of System	ESW EDG E	mergêncy S	Service Water,	ESW-60	-2		
		•		•				
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1977 Year	E	dition
Adde	nda <i>Winter</i> 7	8		Code	Case	,		• • .
(h) Annlic	able Edition of	Section XI Litili:	zed for Rep	airs or Replace	 ement	1986 No Adde	nda	
(b) Applic			zea for rep	and or replace		1000, 110 / 10001		:
6. Identifica	ation of Compor	nents Repaired	or Replace	d and Replace	ment Cor	mponents		-
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents	AS	ME
		,	•			Repaired,	Co	de
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de nped
Name of Component	Name of Manufacturer	,	•	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de nped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO
Name of Component 8 Studs	Name of Manufacturer Unknown	Manufacturer Serial No. <i>N/A</i>	National Board No.	Other Identification N/A	Year Built <i>Unkwn</i>	Repaired, Replaced or Replacement Replaced	Stan	nped NO
Name of Component 8 Studs	Name of Manufacturer Unknown	Manufacturer Serial No. <i>N/A</i>	National Board No.	Other Identification N/A	Year Built <i>Unkwn</i>	Repaired, Replaced or Replacement Replaced	Stan YES	NO
Name of Component 8 Studs	Name of Manufacturer Unknown	Manufacturer Serial No. <i>N/A</i>	National Board No.	Other Identification N/A	Year Built <i>Unkwn</i>	Repaired, Replaced or Replacement Replaced	Stan YES	NO
Name of Component 8 Studs 8 Studs	Name of Manufacturer Unknown Nova	Manufacturer Serial No. N/A N/A	National Board No.	Other Identification N/A	Year Built <i>Unkwn</i>	Repaired, Replaced or Replacement Replaced	Stan YES	NO
Name of Component 8 Studs 8 Studs 7. Descripti	Name of Manufacturer Unknown Nova on of Work R	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A	Other Identification N/A N/A	Year Built <i>Unkwn</i> 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	NO
Name of Component 8 Studs 8 Studs	Name of Manufacturer Unknown Nova on of Work R anducted: Hy	Manufacturer Serial No. N/A N/A eplaced studs drostatic	National Board No. N/A N/A	Other Identification N/A N/A	Year Built Unkwn 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode inped NO
Name of Component 8 Studs 8 Studs 7. Descripti	Name of Manufacturer Unknown Nova on of Work R anducted: Hy	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A	Other Identification N/A N/A	Year Built <i>Unkwn</i> 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	NO
Name of Component 8 Studs 8 Studs 7. Descripti 8. Tests Co	Name of Manufacturer Unknown Nova on of Work R anducted: Hy	Manufacturer Serial No. N/A N/A N/A eplaced studs drostatic ner	National Board No. N/A N/A Pneum	Other Identification N/A N/A	Year Built Unkwn 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	ode inped NO
Name of Component 8 Studs 8 Studs 7. Descripti 8. Tests Co	Name of Manufacturer Unknown Nova on of Work R Inducted: Hy Otto ENT CHANGE, HO STRATIVE Res	Manufacturer Serial No. N/A N/A N/A eplaced studs drostatic ner	National Board No. N/A N/A Pneum	Other Identification N/A N/A natic orporated:	Year Built Unkwn 2003	Repaired, Replaced or Replacement Replaced Replacement al Operating Pre- Test Temp SR: N Free	Stan YES	ode inped NO

ITEM 2003-21-0435 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Replaced existing studs with longer ones for thread engagement. No further testing required. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINICASOTA __ and employed by HARTFORD STEAM BOILER OF CONVECTION OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/11/0] 7//8/d3 _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 NA 11863 A, N, I MW004028-00 National Board, Province and Endorsements J4LY 18 Date

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		TEI EAGEIN	EITIO - 1	OTTIN TOO	4-	1 age	1 01 2	
					ITEM	2003-21-043	6	
	This form may not 4 AWI-09,04.03 (AS							
	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	6 on this report	is include	d on each sheet,		each	
1. Owner					//18/2003			
2. Plant	Name Plant Monticello Nuclear Generating Plant				·	of _2	?	_
		Name						
2807 W. C	nty. Rd. 75, Moi		ota 55362	WO 020				
	AC	ddress		Repair	Organiza	tion P.O. No.,	lob No.	etc.
3. Work F	Performed By	IMC/Xcel Ener	<i>3y</i>	_ Type Cod	le Symbo	Stamp N/A		
	-	Company		Authoriza		N/A		
2807	W. Cnty. Rd. 75,		I 55362	Expiration	Date _	N/A		
	Ac	dress						
4. Identific	cation of System	CSP Core S	pray Systen	n, RO-1743	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	•	
5. (a) Appl	icable Constructi	ion Code <u>AN</u>	SI <u>B31.1</u>		,	1977 Year	E	dition
Add	enda <i>Winter 7</i>	78		Code	Case _	N/A_		
(b) Appl	icable Edition of	Section XI Utili	zed for Rep	airs or Replace	ement _	1986, No Adde	nda	
6. Identific	cation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
				<u> </u>		<u> </u>	AS	ME
						Repaired,	· Co	
Name of	Name of Manufacturer	Manufacturer	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan	
Component		Serial No.		N/A	Unkwn		YES	NO
8 Studs	Unknown	N/A	N/A	IVA	Unkwn	Replaced		
8 Studs	Nova	N/A	N/A	N/A	2003	Replacement		×
							-0	
				,				
			-		•			
7. Descrip	tion of Work R	eplaced studs						
B. Tests C	onducted: Hy	drostatic	Pneun	natic	Nomina	al Operating Pr	essure	
	Oti	her 🗌	Pressure		psi	Test Temp _	. <u>.</u>	°F
3087 (DOCUM	MENT CHANGE, HO	PLD AND COMME	NT FORM) inc	orporated:				
		SD SUDV: PRGE	Assoc			SR: N Fre	a: 0	vrs
90.00000000000000000000000000000000000	20220000000000000000000000000000000000							

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

	ITEM 2003-21-0436
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Replaced existing studs with longer ones for thread engagement. No further testing required.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this Replacement
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed JOM JONES, NDE [NIT Date 7/18, 2003
	Owner or Owner's Designee, Title
	<u> </u>
-	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of MILNESOTA and employed by HARTFORD, CT have
	inspected the components described in this Owner's Report during the period
	7/18/07 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the
	requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
	concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 WB 1/36 J A, N, J AyN 00 4028-CO National Board, Province and Endorsements
	Date 7417 18 . 2007

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0437	•	
	This form may not 4 AWI-09.04.03 (AS							
	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,	; and (3) e	each
1. Owner	Xcel Energy (Date _7	7/18/2003			
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet 1	· .	of _2)	
2807 W. C	nty. Rd. 75, Moi	Name nticello, Minnes	ota 55362	WO 020	5164			
		ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work F	Performed By \(\Lambda	VMC		Type Cod	le Symbo	Stamp N/A		
	<u>-</u>	Company		Authoriza		N/A		
2807	W. Cnty. Rd. 75,		1 55362	_ Expiration	n Date	N/A		
4. Identific	ation of System	ddress CSP Core S	pray, RO-17	744				•
	·	· · · · · · · · · · · · · · · · · · ·	——————————————————————————————————————			4077		
5. (a) Appi	icable Construct	ion Code AN	SI B31.1		<u> </u>	1977 Year	E	dition
Add	enda <i>Winter</i> 7	78	· 	Code	Case	N/A		·
4134	:	•						
(b) Appl	icable Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
. , . ,	icable Edition of cation of Compor	,	•				nda	· .
. , . ,		,	•			nponents	AS	
6. Identific	cation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents Repaired,	AS Co	de
. , . ,	cation of Compor	,	•			nponents	AS Co	
6. Identific	cation of Compor	nents Repaired Manufacturer	or Replaced	d and Replace	ment Cor	nponents Repaired, Replaced or	AS Co Stan	de nped
6. Identific Name of Component	Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Cor Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	de nped NO
6. Identification Name of Component Studs	Name of Manufacturer Unknown	Manufacturer Serial No.	National Board No.	Other Identification	ment Cor Year Built <i>Unkwn</i>	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Studs	Name of Manufacturer Unknown Nova	Manufacturer Serial No. N/A	National Board No.	Other Identification	Year Built Unkwn	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	nped NO
Name of Component Studs Studs Nuts	Name of Manufacturer Unknown Nova Unknown	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A	Other Identification N/A N/A	Year Built Unkwn 2003 Unkwn	Repaired, Replaced or Replacement Replaced Replacement Replacement	AS Co Stan YES	nped NO
Name of Component Studs Studs Nuts Nuts	Name of Manufacturer Unknown Nova Unknown Nova	Manufacturer Serial No. N/A N/A	National Board No. N/A N/A N/A N/A	Other Identification N/A N/A	Year Built Unkwn 2003 Unkwn	Repaired, Replaced or Replacement Replaced Replacement Replacement	AS Co Stan YES	de nped NO
Name of Component Studs Studs Nuts Nuts 7. Descrip	Name of Manufacturer Unknown Nova Unknown Nova	Manufacturer Serial No. N/A N/A N/A N/A	National Board No. N/A N/A N/A N/A	Other Identification N/A N/A N/A N/A	Year Built Unkwn 2003 Unkwn 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	AS Co Stan	de nped NO
Name of Component Studs Studs Nuts Nuts 7. Descrip	Name of Manufacturer Unknown Nova Unknown Nova tion of Work R onducted: Hy	Manufacturer Serial No. N/A N/A N/A N/A eplace Studs a	National Board No. N/A N/A N/A N/A n/A	Other Identification N/A N/A N/A N/A	Year Built Unkwn 2003 Unkwn 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement Replacement	AS Co Stan	de nped NO
Name of Component Studs Studs Nuts Nuts 7. Descrip 8. Tests C	Name of Manufacturer Unknown Nova Unknown Nova tion of Work R onducted: Hy	Manufacturer Serial No. N/A N/A N/A N/A eplace Studs a drostatic her	National Board No. N/A N/A N/A N/A Pressure	Other Identification N/A N/A N/A N/A N/A	Year Built Unkwn 2003 Unkwn 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	AS Co Stan	de nped NO S S S S S S S S S S S S S S S S S S

•	ITEM <u>2003-21-0437</u>	
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)	
	Studs were replaced due to length too short, and nuts were replaced because old ones were g	alled_
	_No additional testing required	
	CERTIFICATE OF COMPLIANCE	-
•	the angle that the statements made in the report are correct and this	
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Perplace Perpl	
	= I	
	Signed 10m onth, NDE LV/III Date 7/18, 20 Owner or Owner's Designee, Title	<u>203</u>
	Owner or Owner's Designee, Title	
		<u> </u>
,		
	CERTIFICATE OF INSERVICE INSPECTION	
		sel
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province of MINDESOTA and employed	by
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province of MINNESOTA and employed HART FURD STEAL BUILER OF CONNECTION OF HART FURD, CT has inspected the components described in this Owner's Report during the period 4/23/03	
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province of MINNESOTA and employed HART FORD STEAM BOILER OF CONNECTION of HART FORD, CT has inspected the components described in this Owner's Report during the period 4/2J/03 7/18/03 and state that to the best of my knowledge and belief, the Owner has perform	by ave to ned
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province ofMINNESOTA and employed HARTFORD STEAL BOILER OF CONNECTION of HARTFORD, CT had inspected the components described in this Owner's Report during the period 4/2J/0J, and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with	by ave to ned
٠	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vest Inspectors and the State or Province of MINNESSIA and employed HARTFORD STEAM BOILER OF COMMETTICE OF HARTFORD, CT has inspected the components described in this Owner's Report during the period 4/2J/03 And state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with requirements of the ASME Code, Section XI.	by ave to ned the
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province ofMINNESOTA and employed HARTFORD STEAL BOILER OF CONNECTION of HARTFORD, CT had inspected the components described in this Owner's Report during the period 4/2J/0J, and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with	by ave to ned the
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province of https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employed https://www.stern.com/harfore/ and employ	by ave to ned the ed, her
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province of MINNESOTA and employed HART FURD STEAM BOILER OF COMMETTICH OF HART FURD, CT has inspected the components described in this Owner's Report during the period 4/2J/03 and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implicanceming the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector measure described in the Owner's Report.	by ave to ned the ed, her
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province ofMINITION STEAM	by ave to ned the ed, her
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province ofMINITION STEAM	by ave to ned the ed, her
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province of MINTSOTA and employed HART FORD STEAM BOILER OF CONNECTICE OF HART FORD, CT has inspected the components described in this Owner's Report during the period 4/2J/a3 7/IV/OJ , and state that to the best of my knowledge and belief, the Owner has perform examinations and taken corrective measures described in this Owner's Report in accordance with requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implicanceming the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage a loss of any kind arising from or connected with this inspection. Commissions VR 1/363 1 N 3 HA 00 40 27 - COMMISSIONS Signature National Board, Province and Endorsement	by ave to ned the ed, her
	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Ves Inspectors and the State or Province ofMINITION STEAM	by ave to ned the

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:		Revision 4
-	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-04	38	
	nis form may not AWI-09.04.03 (AS							•
8-	applemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each shee		each
1. Owner	Xcel Energy (Company		Date <u>(</u>	7/31/200	3		
2. Plant	Monticello Nu	Name clear Generatin	no Plant	Sheet 1		of	2	
2. Han	Mondo Na	Name	ig i idir.	_	-	°' .		
2807 W. Cnt	y. Rd. 75, Mor	nticello, Minnes Idress	ota 55362	WO 020		tion D.O. No.	Joh No	010
		-		•	_	tion P.O. No.		elc.
3. Work Pe	rformed By	Company		I ype Coo Authoriza	_	I Stamp N/A N/A	4	
2807 W	. Cnty. Rd. 75,			Expiration		N/A		
<u> </u>	Ac	Idress		-	_		· - •	
4. Identifica	tion of System	Control Rod	Drive Syste	m, Class 1		,		
5. (a) Applica	able Constructi	on Code <u>AS</u>	ME Section	111	,	1965	E	dition
Adder	nda <i>No Adde</i>	nda		Code	Case	Year V/A		
	able Edition of		zed for Rep	eirs or Replace	– ement	1986 No Ado	lenda	
		•	•					
o. Identifica	tion of Compor	rents Repaired	or Replaced	and Replace		nponents	·	
						Repaired,		ME de
Name of	Name of	Manufacturer	National	Other	Year	Replaced or		nped
Component	Manufacturer GE	Serial No.	Board No.	Identification n/a	Built various	Replacemen Replaced	t YES	NO
Cap Screws						·		
Cap Screws	GE / Nova	n/a	n/a	n/a	2003	Replacemen	$t \mid \Box$	Ø
	· · · · · · · · · · · · · · · · · · ·		· 					
			,					
		,	·					
7. Description	on of Work R	eplace Cap Sc	rews for CR	D's rebuilt und	ier WO 02	204412.		
8. Tests Cor	nducted: Hv	drostatic	Pneun	natic 🗍	Nomina	al Operating F	Pressure	\boxtimes
	•	ner 🗌	Pressure		psi	Test Temp	•	۰F
2007 /0001 1145		·	·					
FOR ADMINIS	NT CHANGE, HO	D SUDV: PRGE	Associ			SR: N F	rea: 0	vrs
USE ON		MS: 3613	Doc Type		Admin in		ored: U Date:	-VI3-

	ITEM 2003-21-0438
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Replacement capscrews for the following CRD Drives: 10-31, 14-31, 18-15, 18-19, 18-39, 22-15,
	_22-31, 26-31, 30-31, 38-31. VT-1 PSI's on all replacement bolting. Pressure Testing performed
	_per 0255-20-IIC-2
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Took Section IT ISI Coordinator Date July 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 HINKESOLA and employed by HARTER AD STEAM BOILER OF CONVECTION OF HARTER OF TOWNSTOLD OF HARTER OF TOWNSTOLD OF HARTER OF TOWNSTOLD OF TWO TWO TWO TWO TWO TWO TWO TWO TWO TWO
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	Louf A Rules. Commissions W8 1/667 A, M i HW 00 4015-CO Inspector's Signature National Board, Province and Endorsements
	Date AUGUST / 2007

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

						eplacement progr further guidance		:
8-	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.	; and (3) e	each
1. Owner	Xcel Energy C			Date _0	4/29/200)3		
2. Plant	Monticello Nu	Name clear Generatin	a Plant	Sheet 1	ı	of 2	· ·	
•		Name	· · · · · · · · · · · · · · · · · · ·	-		0′		
2807 W. Cn	ty. Rd. 75, Moi		ota 55362	WO 020				
	Ac	idress	•	Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By			• • •	-	ol Stamp <u>n/a</u>	•	
		Company		Authoriza				
<u> 2807 W</u>	[/] . Cnty. Rd. 75,		55362	_ Expiration	Date _	n/a		
	Ac	Idress				•		
4. Identifica	ition of System	RHR B			·			
5. (a) Applic	able Constructi	on Code <u>AN</u>	SI B31.1			1967 Year	E	dition
Adder	nda <u>No Adde</u>	nda		Code	Case _			
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Addei	nda	4
6. Identifica	tion of Common			•	_		-	
•• •••	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents		
	tion of Compor	ents Repaired	or Replaced	d and Replace	ment Co	mponents	AS	ME
			<u> </u>	•		Repaired,	Co	de
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	ode nped
	Name of Manufacturer Bergen		<u> </u>	•		Repaired,	Co	ode nped
Name of Component	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan	nped NO
Name of Component SS-315-1	Name of Manufacturer Bergen Patterson	Manufacturer Serial No. 201	National Board No. n/a	Other Identification n/a	Year Built 1994	Repaired, Replaced or Replacement Replaced	Stan	nped NO
Name of Component SS-315-1	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 201	National Board No. n/a	Other Identification n/a	Year Built 1994	Repaired, Replaced or Replacement Replaced	Stan YES	nped NO
Name of Component SS-315-1	Name of Manufacturer Bergen Patterson Bergen	Manufacturer Serial No. 201	National Board No. n/a	Other Identification n/a	Year Built 1994	Repaired, Replaced or Replacement Replaced	Stan YES	ode nped NO
Name of Component SS-315-1 SS-315-1	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 201 199	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003	Repaired, Replaced or Replacement Replaced	Stan YES	ode nped NO
Name of Component SS-315-1 SS-315-1	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 201 199	National Board No. n/a n/a	Other Identification n/a n/a	Year Built 1994 2003 uilt spare	Repaired, Replaced or Replacement Replaced Replacement	YES	ode nped NO
Name of Component SS-315-1 SS-315-1	Name of Manufacturer Bergen Patterson Bergen Patterson on of Work Renducted: Hy	Manufacturer Serial No. 201 199 emove snubbe	National Board No. n/a n/a	Other Identification n/a n/a place with reb	Year Built 1994 2003 uilt spare	Repaired, Replaced or Replacement Replaced Replacement	YES	ode inped NO IND IND IND IND IND IND IND IND IND IND
Name of Component SS-315-1 SS-315-1	Name of Manufacturer Bergen Patterson Bergen Patterson	Manufacturer Serial No. 201 199 emove snubbe	National Board No. n/a n/a	Other Identification n/a n/a place with reb	Year Built 1994 2003 uilt spare	Repaired, Replaced or Replacement Replaced Replacement	YES	ode nped NO
Name of Component SS-315-1 SS-315-1 7. Description 8. Tests Con	Name of Manufacturer Bergen Patterson Bergen Patterson On of Work R nducted: Hy Ott	Manufacturer Serial No. 201 199 emove snubbe drostatic ner	National Board No. n/a n/a r 201 and re Pneum Pressure	Other Identification n/a n/a place with reb	Year Built 1994 2003 uilt spare	Repaired, Replaced or Replacement Replaced Replacement	YES	ode inped NO IND IND IND IND IND IND IND IND IND IND

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

•	ITEM 2003-21-0439
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
•	Functional Testing per procedure 0251. VT-3 Examination as required by procedure 4903.
	CERTIFICATE OF COMPLIANCE
•	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINATION and employed by HARTIFOLD SITTLE BOILEX OF CONNECTION of HARTIFOLD, c) have inspected the components described in this Owner's Report during the period 12/9/02 to 7/20/02 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.
	Tout A Aulule. Commissions NB 11863 A, N, I HNOBYOLG-CO Inspector's Signature National Board, Province and Endorsements
	Date <u>July 30</u> , <u>2003</u>

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	<u> 2003-21-0440</u>	<u> </u>	
						eplacement progr further guidance		}
8-	1/2 in x 11 in, (2)		ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 8	3/6/2003			
. ·		Name		- .				
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Name								
2807 W. Cnf	2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0308084, PO #PN56185Q							
		dress				tion P.O. No., J	ob No.	etc.
3 Work Pe	rformed By A	IMC/Xcel Energ	αv	Type Cod	le Symbo	Stamp n/a		
o. •••••		Company		Authoriza	-			
2807 W		Monticello, MN	55362	Expiration	Date _	n/a		
	Ac	idress				¢.		
4. Identifica	tion of System	Reactor Hea	d Vent, Cla	ss 1		****		
5 (a) Applia	able Constructi	ion Code AN	CI D21 1			1977	=	dition
o. (a) Applic	able Constructi	on code AN	31 63 1.1			Year	=	itton
Adder	nda <u>Winter 1</u>	978	. <u></u>	Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Addei	nda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		

								ME
Nama at	Name of	Manufacturer	Mational	Other	Vear	Repaired,	Co	de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement		de
				1		Replaced or	Co Stan	de nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Co Stan YES	de nped NO
Component 8 Studs	Manufacturer Nova	Serial No.	Board No.	Identification n/a	Built 2001	Replaced or Replacement Replaced	Stan YES	de nped NO
8 Studs 8 Studs	Manufacturer Nova Nova	Serial No. n/a n/a	Board No. n/a n/a	Identification n/a Ht.#13698	Built 2001 2003	Replaced or Replacement Replaced Replacement	Stan YES	nped NO
8 Studs 8 Studs 14 Nuts	Manufacturer Nova Nova Nova	Serial No. n/a n/a n/a	Board No. n/a n/a n/a	Identification n/a Ht.#13698 n/a	Built 2001 2003 2001	Replaced or Replacement Replaced Replacement Replaced	Stan YES	nde nped NO M
8 Studs 8 Studs 14 Nuts 14 Nuts	Manufacturer Nova Nova Nova Nova	Serial No. n/a n/a n/a n/a	Board No. n/a n/a n/a n/a n/a	Identification n/a Ht.#13698 n/a Ht.8072119	Built 2001 2003 2001 2003	Replaced or Replacement Replaced Replacement Replaced	Stan YES	nped NO
8 Studs 8 Studs 14 Nuts 14 Nuts	Manufacturer Nova Nova Nova Nova On of Work R	Serial No. n/a n/a n/a n/a	Board No. n/a n/a n/a n/a n/a	Identification n/a Ht.#13698 n/a Ht.8072119 s like-for-like of	Built 2001 2003 2001 2003 Jue to gai	Replaced or Replacement Replaced Replacement Replaced Replaced Replaced	YES	nped NO
8 Studs 8 Studs 14 Nuts 14 Nuts 7. Description	Manufacturer Nova Nova Nova Nova on of Work R nducted: Hy	Serial No. n/a n/a n/a n/a eplace 8 Studs	Board No. n/a n/a n/a n/a an/a n/a	Identification n/a Ht.#13698 n/a Ht.8072119 s like-for-like of the contact attic the like of the contact the like of the like o	Built 2001 2003 2001 2003 Jue to gai	Replaced or Replacement Replaced Replacement Replaced Replaced	YES	nped NO
8 Studs 8 Studs 14 Nuts 14 Nuts 7. Description 8. Tests Con	Manufacturer Nova Nova Nova Nova On of Work R nducted: Hy	Serial No. n/a n/a n/a n/a eplace 8 Studs drostatic	Board No. n/a n/a n/a n/a and 14 Nut Pneum Pressure	Identification n/a Ht.#13698 n/a Ht.8072119 s like-for-like of the contact attic	Built 2001 2003 2001 2003 Iue to gai	Replaced or Replacement Replaced Replacement Replaced Replaced Replacement	YES	Me nped NO NO NO NO NO NO NO NO NO NO NO NO NO

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

	ITEM _2003-21-0440
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	PSI VT-1 performed on replacement studs and nuts.
	•
,	
,	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Value
	Signed Date August 6, 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 HILVESOIA and employed by HALIFOLD STEWN BOILEX of COMMENTICAL of HALIFOLD, CT have
	inspected the components described in this Owner's Report during the period $5/2/\sqrt{2}$ to $1/2/\sqrt{2}$ and state that to the best of my knowledge and belief, the Owner has performed
	examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	Kun A Suleitu Commissions VB 11863 A, V, I My 30 YM I-CO Inspector's Signature National Board, Province and Endorsements
	Date August 7 2003
	Date /74 64)1 (

·					ITEM	2003-21-0441	1	
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner	Xcel Energy (Date 8	3/3/2003			
Name 2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2								
2807 W. C	nty. Rd. 75, Moi	Name nticello, Minnes	ota 55362	WO #02	02078			
		ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work F	Performed By	IMC/Xcel Energ	gy	Type Cod	le Symbo	Stamp _ <i>n/a</i>		
		Company		Authoriza				
_2807	W. Cnty. Rd. 75,	<i>Monticello, MN</i> Idress	55362	_ Expiration	Date _	n/a		
4. Identifi	cation of System	70 kip Spare	Snubber, C	class 1, 2, or 3				
5 (a) Appl	licable Construct	ion Code AM	SI B31.1		,	1967	E	dition
J. (a) App	ilcable Collatidet	ion code An	<u> </u>		 '	Year		uilioii
Add	enda <i>None</i>			Code	Case _	n/a		
(b) Appl	icable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Addei	nda	
6. Identific	cation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
			Γ	Ī			AS	ME
Name of	. Name of	Manufacturas	National	Othor	Voor	Repaired,		de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	YES	nped NO
Main Cvlinder	Bergen- Patterson	n/a	n/a	n/a	1994	Replaced		\boxtimes
Main Cvlinder	Bergen- Patterson	n/a	n/a	n/a	2003	Replacement		×
Manifold	Bergen- Patterson	n/a	n/a	n/a	1994	Replaced		\boxtimes
Manifold	Bergen- Patterson	n/a	n/a	n/a	2003	Replacement		Ø
								
7. Descrip	tion of Work R	ebuild Spare 7	0 Kip snubb	er (SN 201), N	lew Mani	fold and Cylinde	r Tube	
8. Tests C	onducted: Hy	drostatic	Pneun	natic	Nomina	al Operating Pre	essure	
	Oti	her 🗌	Pressure		psi	Test Temp		_ °F
3087 (DOCUM	MENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
· · · · · · · · · · · · · · · · · · ·	ili zamena za ili izanen	SO SUDV: PRGE	Assoc			SR: N Fre	o: 0	vrs

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

3613

Revision

		ITEM 2003-21-0441
9.	Remarks (Applicable Manufacturer's Dat	
	Functional test per Procedure 0251. No PSI at this t	
	under work order	inc. 1 dr wiii be pendimed upon installation
	Unided Work officer.	
	CERTIFICATE OF CO	MPLIANCE
	We certify that the statements made in the report are correct	and this Papla aguart
	conforms to the rules on the ASME Code, Section XI.	repair/replacement
*	/	
	100 / 000	- 4/a
	Signed JOW JOHN, NDE (1) Owner or Owner's Designee, Title	III Date 8/3 , 2003
	CERTIFICATE OF INSERVI	CE INSPECTION
	I, the undersigned, holding a valid commission issued by the	
	Inspectors and the State or Province of MINNES MARTFORD STEAM AGILER OF CONNECTION OF	· · · ·
	inspected the components described in this Owner's Repor	t during the period $5/9 \text{k}$ to
	** and state that to the best of my lexaminations and taken corrective measures described in	knowledge and belief, the Owner has performed in this Owner's Report in accordance with the
	requirements of the ASME Code, Section XI.	. the eviller's respect in accordance with the
	By signing this certificate neither the Inspector nor his empl	over makes any warranty expressed or implied
(concerning the examinations and corrective measure describ	ped in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be liable in any manna loss of any kind arising from or connected with this inspection	
	Last A Sylvia. Commissions	NR 11863 A.N. T. MW 00 4028-CO
	Inspector's Signature Commissions	National Board, Province and Endorsements
	Date 146417 4 . 2003	
	,	-
	•	

					ITEM	2003-21-0443	3	
						eplacement progr r further guidance		
8	Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner	1. Owner Xcel Energy Company Date 07/17/2003							
		Name	D I. 1		•			
2. Plant	2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Name							
2807 W. Cn	ity. Rd. 75, Moi		ota 55362	WO 020	0644			
- <u></u>		ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By 1	IMC/Xcel Ener	av	Type Cod	le Symbo	ol Stamp <i>n/</i> a		
	· · · · · · · · · · · · · · · · · · ·	Company		Authoriza	-	n/a		
2807 V	V. Cnty. Rd. 75,		1 55362	Expiration	Date _	n/a		
	Ac	idress						
4. Identifica	ation of System	Emergency	Service Wat	ter, Class 3				
				•				
5. (a) Applic	cable Construct	ion Code AN	SI B31.1	·	'	1977 Year	E	dition
Adde	nda <i>Winter</i> 1	978		Code	Case	n/a		. •
(b) Applic	able Edition of	Section XI Utili	zed for Ren	airs or Renlace	- ement	1986, No Addei	nda	
			•	·	_		100	
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
		T	···	T		7		
•	•					D.	1	ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired,	. Co	de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	1	de
						Replaced or	. Co Stan	de nped
Component ESW-1-2 Studs (8) ESW-1-2	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Stan YES	de nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2	Manufacturer unknown Cardinal Ind.	Serial No.	Board No.	Identification Gr B7	Built 1969	Replaced or Replacement Replaced	Stan	de nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16) ESW-1-2	Manufacturer unknown Cardinal Ind. Products unknown Cardinal Ind.	Serial No. n/a n/a	Board No. n/a n/a	Identification Gr B7 Gr B7	1969 1991	Replaced or Replacement Replaced Replacement	Stan YES	nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16)	Manufacturer unknown Cardinal Ind. Products unknown	Serial No. n/a n/a n/a	Board No. n/a n/a n/a	Identification Gr B7 Gr B7 Gr 2H	Built 1969 1991 1969	Replaced or Replacement Replaced Replacement Replaced	Stan YES	nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16) ESW-1-2 Nuts (16)	Manufacturer unknown Cardinal Ind. Products unknown Cardinal Ind. Products	Serial No. n/a n/a n/a n/a n/a	Board No. n/a n/a n/a n/a	Identification Gr B7 Gr B7 Gr 2H Gr 2H	Built 1969 1991 1969 1991	Replaced or Replacement Replaced Replacement Replaced	Stan YES	ode nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16) ESW-1-2 Nuts (16)	Manufacturer unknown Cardinal Ind. Products unknown Cardinal Ind. Products	Serial No. n/a n/a n/a n/a eplace 8 Bonne	Board No. n/a n/a n/a n/a	Identification Gr B7 Gr B7 Gr 2H Gr 2H	Built 1969 1991 1969 1991 uts due to	Replaced or Replacement Replacement Replacement Replaced Replaced Replacement	Stan YES	ode nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16) ESW-1-2 Nuts (16)	Manufacturer unknown Cardinal Ind. Products unknown Cardinal Ind. Products on of Work Reading Hy	Serial No. n/a n/a n/a n/a eplace 8 Bonne drostatic	Board No. n/a n/a n/a n/a et Studs and	Identification Gr B7 Gr B7 Gr 2H Gr 2H I 16 Bonnet Numeric	Built 1969 1991 1969 1991 uts due to	Replaced or Replacement Replaced Replacement Replaced Replaced Replaced admage during	Stan YES	de nped NO NO NO NO NO NO NO NO NO NO NO NO NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16) ESW-1-2 Nuts (16) 7. Description	Manufacturer unknown Cardinal Ind. Products unknown Cardinal Ind. Products on of Work Additional Hy Others	Serial No. n/a n/a n/a n/a eplace 8 Bonne drostatic ner	Board No. n/a n/a n/a n/a Pressure	Identification Gr B7 Gr B7 Gr 2H Gr 2H I 16 Bonnet Numatic	Built 1969 1991 1969 1991 uts due to	Replaced or Replacement Replacement Replacement Replaced Replaced Replacement	Stan YES	ode nped NO
Component ESW-1-2 Studs (8) ESW-1-2 Studs(8) ESW-1-2 Nuts (16) ESW-1-2 Nuts (16) 7. Description	Manufacturer unknown Cardinal Ind. Products unknown Cardinal Ind. Products on of Work nducted: Hy Oth	Serial No. n/a n/a n/a n/a eplace 8 Bonne drostatic ner	Board No. n/a n/a n/a n/a Pressure	Identification Gr B7 Gr B7 Gr 2H Gr 2H I 16 Bonnet Numatic	Built 1969 1991 1969 1991 uts due to	Replaced or Replacement Replaced Replacement Replaced Replaced Replaced admage during	Stan YES	de nped NO NO NO NO NO NO NO NO NO NO NO NO NO

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

Revision 4 Page 2 of 2

	ITEM _2003-21-0443
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Removed and damaged Bonnet Studs and Nuts during PM's on check valve. Replaced per WO
	0200644
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Leplacement repair/replacement
;	Signed Tom Jones, NDE 2 v/III Date 7/17, 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 him Sola and employed by
-	hartford STRAM BOILTR OF CONTRICUT of HART FORD CT have inspected the components described in this Owner's Report during the period
_	, and state that to the best of my knowledge and belief, the Owner has performed
	examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
٠ .	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
C	concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	a loss of any kind arising from or connected with this inspection.
•	Semminations the MEC 3 to 3 to 100 the Section of
	Inspector's Signature Commissions VB 11F63 1, W, I MW 06 402 F-C0 National Board, Province and Endorsements
	Date

		•						
		•			ITEM	2003-21-0444	! ·	
	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
-8	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.							
1. Owner	Xcel Energy C			Date 7	/31/2003			
2. Plant	Monticello Nu	Name clear Generatin	g Plant	Sheet 1		of <u>2</u>		
2807 W. Cnf	tv Rd 75 Mor	Name nticello, Minnes	ota 55362	WO 020	0351 and	0204310		
2007 44. 011		dress	00002			tion P.O. No., J	ob No.	etc.
3 Work Pe	rformed Βv Λ	IMC/Xcel Energ	עכ	Type Cod	le Symbo	l Stamp <i>n/a</i>		
	_	Company		Authoriza	-	n/a		,
_2807 W	['] . Cnty. Rd. 75,	Monticello, M∧	1 55362	Expiration	Date _	n/a		
	Ac	ldress	:	-	· -			
4. Identifica	tion of System	Main Steam	C, Valve AC)2-86A, Class	1			
٠		-		·				
5. (a) Applic	able Constructi	ion Code AN	SI B31.1		'	1977 Year	E	dition
Adder	nda <i>Winter</i> 7	8		Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Addei	nda	
	,	nents Repaired	•			· · · · · · · · · · · · · · · · · · ·		
							AS	ME
NI	N10-000 of		N1-4'1	O45 = 4	¥	Repaired,	Co	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced or Replacement	Stan YES	NO
Bonnet Studs	Attwood- Morrill	n/a	n/a	n/a	1968	Replaced		Ø
Bonnet Studs	Flowserve	n/a	n/a	n/a	2003	Replacement		\boxtimes
Bonnet Nuts	Attwood- Morrill	n/a	n/a	n/a	1968	Replaced		⋈
Bonnet Nuts	Flowserve	n/a	n/a	n/a	2003	Replacement		×
7. Description	on of Work R	eplace 20 Stud	s and 20 nu	ts due to dam	age durin	g disassembly		
8. Tests Co	nducted: Hy	drostatic 🔲	Pneun	natic 🔲	Nomina	al Operating Pre	essure	
	Oti	ner 🗌	Pressure		psi	Test Temp		°F
3087 (DOCUME	NT CHANGE, HO	LD AND COMME	NT FORM) inco	orporated:				
FOR ADMINIS	TRATIVE Res	SD SUDV: PRGE	Assoc	Ref PRGE		SR: N Free	a: 0	vrs
USE ON	ILY ARI	MS: 3613	Doc Type	REF ONLY	Admin in	tials: Dat	e:	'

MONTICELLO NUCLEAR GENERATING PLANT TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 REPLACEMENTS - FORM NIS-2 Page 2 of 2 ITEM 2003-21-0444 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Perform Preservice VT-1. Valve LLRT per procedure 0137-07A, Stroke O/C per 0255-07-IA-1, PI test per 0255-07-IA-4. Pressure Testing per 0255-IIC-2 CERTIFICATE OF COMPLIANCE

CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MININGSOTA and employed by HARTERA STEAM BOILER OF-CONNECTICUT HARTFORD, CT of inspected the components described in this Owner's Report during the period 5/6/0] 7/3/ 6) and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 NA 11867 A, N. I MNON 4025-CO National Board, Province and Endorsements

Date 7

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

conforms to the rules on the ASME Code, Section XI.

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•			ITEM	2003-21-0445	5	
	4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.							
	Supplemental shee 3-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy (Company		Date 8	3/5/2003	•		
2. Plant								
2007 \\/: C	nty. Rd. 75, Moi	Name	ota 55363	WO 020	0007		•	
2001 VV. CI		ddress	501a 55502			tion P.O. No., J	ob No.	etc.
2 Mod D	erformed By M	IMCMOLEnon		•	_	ol Stamp <i>n/a</i>		
J. WOIK P	enormed by	Company		Authoriza				
2807 V	V. Cnty. Rd. 75,			Expiration		n/a		
	Ac	dress		-		-		
4. Identific	ation of System	Main Steam,	, Safety Reli	ef Valve RV-2	-71E, Cla	ess 1		
	cable Construct		SI B31.1	Code		1977 Year	E	dition
Adde	nda <i>Winter '7</i>	<u>o</u>		Code	Case _	nva		
(b) Appli	cable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identific	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement		ME de iped NO
Topworks Studs	Target Rock	n/a	n/a	n/a	2000	Replaced		Ø
Topworks Studs	Nova	n/a	n/a	n/a	2003	Replacement		☒
Bonnet Nuts	Target Rock	n/a	n/a	n/a	2000	Replaced		☒
Bonnet Nuts	Nova	n/a	n/a	n/a	2003	Replacement		\boxtimes
		:						
7. Descript	ion of Work R	eplace 6 topwo	rks-to-valve	bolts and nut	s per WO	0200997		
B. Tests Co	onducted: Hy	drostatic	Pneun	natic 🔲	Nomina	al Operating Pre	essure	\boxtimes
	Oti	ner 🗌	Pressure		psi	Test Temp _		_ °F
3087 (DOCUM	ENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
FOR ADMINI		SD SUDV: PRGE	Assoc	Ref PRGE	A de-1- 1	SR: N Free	o: 0_	vrs

TITLE: OV

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision

	ITEM 2003-21-0445
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	VT and MT certs from approved vendor used for PSI. VT-2 performed per 0255-20-IIC-1. Results
	for checking the Flange for leakage is documented in Procedure 4280-OCD
,	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed 1 - Determinent Date August 5, 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 (TEAN ROLLER OF CONNECTICAL OF HARTFORD, CT have
	inspected, the components described in this Owner's Report during the period
	examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 W8 11 863 AJN, I MW00 4028-CU National Board, Province and Endorsements
	Date <u>A46457 5</u> , 2003
	· ·

					ITEM	2003-21-0446	5	
		address all items ME SECTION XI I						
8-	1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each sheet,		each
1. Owner	Xcel Energy C	Company		Date	/31/2003			
O Diant	Adamidia alla Alco	Name	- Dlant	Chair d		- 6	,	•
2. Plant	Monticello Nu	clear Generatin Name	_ Sheet <u>_1</u>		of _2	<u> </u>		
2807 W. Cnt	ty. Rd. 75, Mor	nticello, Minnes	WO 030	6070				
	Repair (Organiza	tion P.O. No., J	ob No.	etc.			
3. Work Pe	rformed By \(\Lambda	IMC/Xcel Energ	gy	Type Cod	e Symbo	l Stamp <i>n/a</i>		•
		Company	Name	Authoriza	tion No.	n/a		
2807 W		Monticello, MN	1 55362	Expiration	Date _	n/a		
		Idress						
4. Identifica	tion of System	RCIC Steam	Discharge,	MO-2075, Cla	iss 1			
5. (a) Applic	able Constructi	on Code AN	SI B31.1			1977	E	dition
,						Year		
Adder	nda <u>Winter '7</u>	8		Code	Case	n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adde	nda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
···]	AS	ME
Nome of	Name of	Manufacturer	National	Other	Year	Repaired,		de
Name of Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced or Replacement	YES	nped NO
Bonnet Stud	Nova	n/a	n/a	n/a	1999	Replaced		\boxtimes
Bonnet Stud	Nova	n/a	n/a	n/a	2003	Replacement		Ø
						·		
				·				
			- ,					
7. Description	on of Work R	eplace 1 valve	bonnet stud	per WO 0306	070			
•			,			al Operating Pr	essure	
7. Description 8. Tests Con	nducted: Hy	eplace 1 valve drostatic	bonnet stud Pneun Pressure	natic		al Operating Pr Test Temp	essure	
8. Tests Co	nducted: Hy	drostatic 🗌 ner 🔲	Pneun Pressure	natic	Nomina	, ,	essure	
8. Tests Co	nducted: Hy Otl	drostatic	Pneun Pressure	natic orporated:	Nomina	, ,		°F

ITEM 2003-21-0446 (Applicable Manufacturer's Data Reports to be Attached) 9. Remarks Preservice Exam not required per Table IWB-2500-1, Category B-G-2, Note (2) and Table IWB-2500-1 Category B-M-2. No pressure testing is required. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Om JONE NOE LVI TIL Date
Owner or Owner's Designee, Title Signed CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOLA ___ and employed by HART FURD STEAM BOILER OF EDIMECTICUT OF MART FURD, CT 7 / 7 / 7 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither

Time A Rufulc.

Inspector's Signature

Commissions WB 11863 1, W, J MW 00 4928-CU

National Board, Province and Endorsements

Date JULY JJ . 2003

the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or

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

					ITEM	2003-21-0447	,	<u> </u>
	his form may not AWI-09.04.03 (AS							•
8-	upplemental shee -1/2 in x 11 in, (2) heet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each
1. Owner	Xcel Energy (Date8	3/1/2003			
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	_ Sheet _1		of _2	·	
2807 W. Cn	ty. Rd. 75, Moi	Name nticello. Minnes	ota 55362	WO 030	8101. W	0308266		
		ddress				tion P.O. No., J	ob No.	etc.
3. Work Pe	erformed By	MC/Xcel Energy Company		Type Cod	•	Stamp <u>n/a</u>		
2807 W	V. Cnty. Rd. 75,	, ,		Expiration				
<u>-,</u>		dress		<u>.</u>	_			
4. Identifica	ation of System	HPCI Steam	, MO-2035,	Class 1		· .		· · · · · · · · · · · · · · · · · · ·
5. (a) Applic	able Construct	ion Code AN	SI B31.1			1977	E	dition
Adde	nda <i>Winter'</i> 7	'8		Code	Case	Year n/a		
			and for Don		_			·····
(b) Applic	able Edition of	Section XI Utiliz	zea for Repa	airs or Replace	ement _	1986, NO Adder	10a	·
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	nponents		
·	I			I				
Name of	Nome of		•	,			AS	
Component	r mame or	Manufacturer	National	- Other	Year	Repaired, Replaced or	Co	de
	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced or Replacement	Co	
Bonnet		1	* ******			Replaced or	Co Stan	de nped
	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced or Replacement	Co Stan YES	de nped NO
Bonnet Studs Bonnet	Manufacturer Nova	Serial No.	Board No.	Identification n/a	Built 1969	Replaced or Replacement Replaced	Stan YES	de nped NO
Bonnet Studs Bonnet Studs	Manufacturer Nova Nova	Serial No. n/a n/a	Board No. n/a n/a	Identification n/a n/a	Built 1969 2003	Replaced or Replacement Replaced Replacement	Stan YES	de nped NO
Bonnet Studs Bonnet Studs Bonnet Nuts	Manufacturer Nova Nova Nova	Serial No. n/a n/a n/a	Board No. n/a n/a n/a	Identification n/a n/a n/a	Built 1969 2003 1969	Replaced or Replacement Replaced Replacement Replaced	Stan YES	nde nped NO
Bonnet Studs Bonnet Studs Bonnet Nuts	Manufacturer Nova Nova Nova Nova	Serial No. n/a n/a n/a	Board No. n/a n/a n/a n/a	Identification n/a n/a n/a n/a n/a	Built 1969 2003 1969	Replaced or Replacement Replaced Replacement Replaced	Stan YES	de nped NO
Bonnet Studs Bonnet Studs Bonnet Nuts Bonnet Nuts	Manufacturer Nova Nova Nova Nova On of Work R	Senal No. n/a n/a n/a n/a n/a	Board No. n/a n/a n/a n/a	Identification n/a n/a n/a n/a s and 2 nuts	Built 1969 2003 1969 2003	Replaced or Replacement Replaced Replacement Replaced	YES	de nped NO
Bonnet Studs Bonnet Studs Bonnet Nuts Bonnet Nuts 7. Description	Manufacturer Nova Nova Nova Nova on of Work R nducted: Hy	Serial No. n/a n/a n/a n/a eplace 5 valve	Board No. n/a n/a n/a n/a bonnet stud	Identification n/a n/a n/a n/a n/a s and 2 nuts natic	Built 1969 2003 1969 2003	Replaced or Replacement Replaced Replacement Replaced Replaced Replaced	YES	de nped NO
Bonnet Studs Bonnet Studs Bonnet Nuts Bonnet Nuts 7. Description	Manufacturer Nova Nova Nova Nova on of Work R nducted: Hy	Serial No. n/a n/a n/a n/a eplace 5 valve drostatic her	Board No. n/a n/a n/a n/a Pneum Pressure	Identification n/a n/a n/a n/a s and 2 nuts natic	Built 1969 2003 1969 2003 Nomina	Replaced or Replacement Replaced Replacement Replaced Replaced Replacement	YES	de nped NO

WINCLED NOCLEAR GENERATING FLANT

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4

			•	
			ITEM	2003-21-0447
9.	Remarks (Applicable Mar	nufacturer's Data	Reports to be Atta	ached)
	Perform Preservice VT-1. No pressu	ıre testing is requ	ired. Stroke Time	, Position Indication, and
	Appendix J Testing required			
				·
٠				
	CER*	TIFICATE OF COM	IPLIANCE	
	We certify that the statements made in the	report are correct a	and this $\mathcal K$	enlacement
	conforms to the rules on the ASME Code,	•		repair/replacement
-			•	•
	signed Tom Jones, No	1 5 1 . 1 777	Date	4/1 2003
	Signed Owner or Owner's De	esignee, Title	Date	, 2003
				· · · · · · · · · · · · · · · · · · ·
				•
	CERTIFICA	ATE OF INSERVICE	E INSPECTION	
	I, the undersigned, holding a valid commis	sion issued by the	National Board of	Boiler and Pressure Vessel
	Inspectors and the State or Provinc	e of MINNEJO	TA	and employed by
	HARTFERD STEAL BOILFR OF CONVEC inspected the components described in thi		トハメトラェル, cl during the period	
	<u>r///ος</u> , and state that to	the best of my kn	nowledge and belief	, the Owner has performed
	examinations and taken corrective meas requirements of the ASME Code, Section X		this Owner's Repo	ort in accordance with the
		•	_	
	By signing this certificate neither the Inspe concerning the examinations and corrective			
1	the Inspector nor his employer SHALL be I	liable in any manne	er for any personal i	
ć	a loss of any kind ansing from or connected	with this inspection	n.	
	N AA		•	
	Inspector's Signature	Commissions	National Board, Pr	rovince and Endorsements
		2 17-7		
	Date <u>A46437</u> /	, <u>2003</u>		

					ITEM	2003-21-0448	3	
NOTE 1:	This form may not 4 AWI-09.04.03 (AS	address all items ME SECTION XI	needed for d	ocumentation of	f a repair/r GRAM) for	eplacement progr further guidance	ram, see	
NOTE 2:	Supplemental shee 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,	; and (3) (each
1. Owner	Xcel Energy (Date 8	3/1/2003	·		
2. Plant	Monticello Nu	Name clear Generatir	ng Plant	Sheet 1	·	of _2		
Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0306112, WO 0308266								
	Ad	ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work F	Performed By /	MC/Xcel Energ	gy	Type Cod	le Symbo	ol Stamp <i>n/a</i>		
		Company	Name	Authoriza	tion No.	n/a		
2807	W. Cnty. Rd. 75,	Monticello, MN	J 55362	Expiration	n Date	n/a		
4 Identifi	Accation of System	ldress Main Steam	Condensate	- e Drainline MO	 D-2373 (Class 1		
4. Identin	oddon or eystem	- Many Oloum	Ochachical	Drammo, me	2010, 0	,		· <u>`</u>
5. (a) App	icable Construct	ion Code AN	SI B31.1		. ,	1977 Year	E	dition
Add	enda <i>Winter 7</i>	<u>'8</u>		Code	Case _	n/a		
(b) Appl	icable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Addei	nda	
6. Identific	cation of Compor	nents Repaired	or Replace	d and Replace	ment Co	mponents		
6. Identific	cation of Compor	nents Repaired	or Replaced	and Replace	ment Co	<u>.</u> I	AS	
	Ţ					Repaired,	Co	de
Name of	Name of	Manufacturer Serial No.	or Replaced National Board No.	Other	ment Cor Year Built	Repaired, Replaced or	Co Stan	de nped
	Name of Manufacturer	Manufacturer	National	Other	Year	Repaired,	Co	de
Name of Component	Name of Manufacturer Nova	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	Stan YES	de nped NO
Name of Component Bonnet Stud	Name of Manufacturer Nova Nova	Manufacturer Senal No. n/a	National Board No. n/a	Other Identification n/a	Year Built 1969	Repaired, Replaced or Replacement Replaced	Stan	nped NO
Name of Component Bonnet Stud Bonnet Stud	Name of Manufacturer Nova Nova Nova	Manufacturer Serial No. n/a n/a	National Board No. n/a	Other Identification n/a n/a	Year Built 1969 2003	Repaired, Replaced or Replacement Replaced Replacement	Stan YES	nped NO
Name of Component Bonnet Stud Bonnet Stud Bonnet Nuts	Name of Manufacturer Nova Nova Nova	Manufacturer Serial No. n/a n/a	National Board No. n/a n/a	Other Identification n/a n/a n/a	Year Built 1969 2003 1969	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	nped NO
Name of Component Bonnet Stud Bonnet Stud Bonnet Nuts Bonnet Nuts	Name of Manufacturer Nova Nova Nova Nova Nova	Manufacturer Serial No. n/a n/a	National Board No. n/a n/a n/a	Other Identification n/a n/a n/a n/a	Year Built 1969 2003 1969	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	de nped NO
Name of Component Bonnet Stud Bonnet Nuts Bonnet Nuts 7. Descrip	Name of Manufacturer Nova Nova Nova Nova Nova Nova	Manufacturer Serial No. n/a n/a n/a n/a	National Board No. n/a n/a n/a n/a bonnet stud	Other Identification n/a n/a n/a n/a	Year Built 1969 2003 1969 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement Replaced	Stan YES	de nped NO
Name of Component Bonnet Stud Bonnet Stud Bonnet Nuts Bonnet Nuts	Name of Manufacturer Nova Nova Nova Nova Nova Nova Nova Nov	Manufacturer Serial No. n/a n/a n/a n/a	National Board No. n/a n/a n/a	Other Identification n/a n/a n/a n/a and 2 nuts	Year Built 1969 2003 1969 2003	Repaired, Replaced or Replacement Replaced Replacement Replacement	Stan YES	de nped NO
Name of Component Bonnet Stud Bonnet Nuts Bonnet Nuts 7. Descrip 8. Tests C	Name of Manufacturer Nova Nova Nova Nova Nova Nova Nova Honducted: Hy	Manufacturer Serial No. n/a n/a n/a n/a eplace 1 valve drostatic her	National Board No. n/a n/a n/a n/a Pneum Pressure	Other Identification n/a n/a n/a n/a n/a n/a n/a n/a	Year Built 1969 2003 1969 2003	Repaired, Replaced or Replacement Replaced Replacement Replaced Replacement	Stan YES	de nped NO
Name of Component Bonnet Stude Bonnet Nuts Bonnet Nuts 7. Descrip 8. Tests C	Name of Manufacturer Nova Nova Nova Nova Nova tion of Work R onducted: Hy Ot	Manufacturer Serial No. n/a n/a n/a n/a eplace 1 valve drostatic her	National Board No. n/a n/a n/a n/a Pneum Pressure	Other Identification n/a n/a n/a n/a n/a n/a n/a n/a n/a n/	Year Built 1969 2003 1969 2003	Repaired, Replaced or Replacement Replaced Replacement Replaced Replacement	Stan YES	de nped NO

ITEM 2003-21-0448 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Perform Preservice VT-1. No pressure testing is required. Stroke Time, Position Indication, and Appendix J Testing required CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MILVEJOIA ___ and employed by HAPTFORD JEAM BOILER OF CONNECTION OF HARTFORD, CT inspected the components described in this Owner's Report during the period _5/4/03 $\frac{\delta}{1/\sigma}$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11863 A, N, 7 KN 00 4028-CO National Board, Province and Endorsements 2003

	•				ITEM	2003-21-0449)	
	his form may not AWI-09.04.03 (AS							?
	upplemental shee 1/2 in x 11 in, (2) neet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet,	; and (3) e	each
1. Owner	Xcel Energy C	Company		Date 8	3/3/2003			
		Name	. 51	- Oh				
2. Plant	Monticello Nu	clear Generatin Name	ig Plant	_ Sheet <u>_1</u>		of <u>2</u>	· 	
2807 W. Cnf	ty. Rd. 75, Mor		ota 55362	WO 020	0991, PC)# PN5618SQ		
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200991, PO# PN5618SQ Address Repair Organization P.O. No., Job No. e						etc.		
3 Work Pe	rformed By Λ	IMC/Xcel Ener	עכ	Type Cod	ie Symbo	ol Stamp n/a		
0, ,,,,,,,		Company		Authoriza	- ,	n/a		
2807 W	⁷ . Cnty. Rd. 75,	Monticello, M∧	55362	Expiration	n Date	n/a		
,	Ac	ldress						
4. Identifica	ition of System	Main Steam	B, RV-2-71	B, Class 1		·		
•					·			
5. (a) Applic	able Constructi	on Code AN	SI B31.1	· · · · · · · · · · · · · · · · · · · ·		1977	E	dition
Adder	nda <i>Winter '7</i>	'8	• .	Code	Case	Year n/a	•	
, , , , ,	100 11111111	<u> </u>						
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adde	nda	
; , , , ,	able Edition of tion of Compor		·	·	_		nda	
; , , , ,			·	·	_			ME
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents Repaired,	AS Co	ode
; , , , ,			·	·	_	mponents	AS Co	
6. Identifica Name of Component Actuator	tion of Compor	nents Repaired Manufacturer	or Replaced	d and Replace Other	ment Co	Repaired, Replaced or	AS Co Stan	ode nped
Name of Component Actuator Nuts Actuator	tion of Compor Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No.	d and Replace Other Identification	ment Co Year Built	Repaired, Replaced or Replacement	AS Co Stan YES	nped NO
6. Identifica Name of Component Actuator Nuts	Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No. n/a	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Actuator Nuts Actuator	Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No. n/a	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan YES	nped NO
Name of Component Actuator Nuts Actuator	Name of Manufacturer	Manufacturer Serial No.	or Replaced National Board No. n/a	Other Identification	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan	ode nped NO
Name of Component Actuator Nuts Actuator Nuts	Name of Manufacturer Nova Nova	Manufacturer Serial No.	or Replaced National Board No. n/a n/a	Other Identification n/a	Year Built	Repaired, Replaced or Replacement Replaced	AS Co Stan	ode nped NO
Name of Component Actuator Nuts Actuator Nuts Actuator Nuts	Name of Manufacturer Nova Nova	Manufacturer Serial No. n/a n/a	or Replaced National Board No. n/a n/a	Other Identification n/a n/a nuts.	Year Built 1971 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO S S S S S S S S S S S S S S S S S S
Name of Component Actuator Nuts Actuator Nuts Actuator Nuts	Name of Manufacturer Nova Nova on of Work Renducted: Hy	Manufacturer Serial No. n/a n/a eplace 6 actual	National Board No. n/a n/a Pneun	Other Identification n/a n/a nuts.	Year Built 1971 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO
Name of Component Actuator Nuts Actuator Nuts	Name of Manufacturer Nova Nova on of Work Renducted: Hy	Manufacturer Serial No. n/a n/a	or Replaced National Board No. n/a n/a	Other Identification n/a n/a nuts.	Year Built 1971 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan	ode nped NO S S S S S S S S S S S S S S S S S S
Name of Component Actuator Nuts Actuator Nuts Actuator Nuts 7. Description 8. Tests Con	Name of Manufacturer Nova Nova Nova On of Work Renducted: Hy Ott	Manufacturer Serial No. n/a n/a eplace 6 actual drostatic	National Board No. n/a n/a Pressure	Other Identification n/a n/a n/a nuts.	Year Built 1971 2003	Repaired, Replaced or Replacement Replaced Replacement	AS Co Stan YES	ode nped NO

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR **REPLACEMENTS - FORM NIS-2**

Revision Page 2 of 2

	ITEM 2003-21-0449
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Performed Preservice VT-1. Leak checked Flange per 4280-OCD and 0255-20-IIC-2. SRV
	exercised open at Rx pressure of approx 150 psig during startup procedure 0112
Γ_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
ĺ	conforms to the rules on the ASME Code, Section XI.
	Signed Talagene, Section XI ISI Coordinator Date August 3, 2003
	Owner or Owner's Designee, Title
L	
	CERTIFICATE OF INCERVICE INCRECTION
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	Inspectors and the State or Province of <u>MINNESDIA</u> and employed by <u>HARTFORD CITAM BOILER OF CONNECTICUT</u> of <u>HARTFORD CT</u> have
	inspected the components described in this Owner's Report during the period for to
	examinations and taken corrective measures described in this Owner's Report in accordance with the
	requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
. •	concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither
	the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	/
	LUX ANALY Commissions WR 1/863 A W J MUSTINGIA-CO
	Inspector's Signature Commissions UB 11863 A, N J HN 20 40 25 - CU National Board, Province and Endorsements
	Date 146417 4 , Loug

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance. NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 1. Owner Xcel Energy Company Name 2. Plant Monticello Nuclear Generating Plant Name 2. Name 2. Address Address Repair Organization P.O. No., Job No. etc. 3. Work Performed By NMC/Xcel Energy Company Name 2. Zeo Code Symbol Stamp Company Name Authorization No. Address 4. Identification of System Main Steam B, RV-2-71G, Class 1 Addenda Winter '78 Code Case N/a Code Case N/a
8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form. 1. Owner Xcel Energy Company Name 2. Plant Monticello Nuclear Generating Plant Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address Nork Performed By NMC/Xcel Energy Company Name 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address Address 4. Identification of System Main Steam B, RV-2-71G, Class 1 5. (a) Applicable Construction Code ANSI B31.1 Page Code Symbol Stamp N/a Authorization No. n/a Expiration Date N/a 1977 Edition
Name 2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2 Name 2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address Repair Organization P.O. No., Job No. etc. 3. Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a Company Name Authorization No. n/a 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address 4. Identification of System Main Steam B, RV-2-71G, Class 1 5. (a) Applicable Construction Code ANSI B31.1 Page 1 Sheet 1 of 2 WO 0201000, PO# PN5618SQ Repair Organization P.O. No., Job No. etc. Type Code Symbol Stamp n/a Authorization No. n/a Expiration Date n/a 1977 Edition
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Company Name Authorization No. n/a 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date n/a Address 4. Identification of System Main Steam B, RV-2-71G, Class 1 5. (a) Applicable Construction Code ANSI B31.1 Edition
Company Name Authorization No. n/a 2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date n/a Address 4. Identification of System Main Steam B, RV-2-71G, Class 1 5. (a) Applicable Construction Code ANSI B31.1 Edition
Address 4. Identification of System Main Steam B, RV-2-71G, Class 1 5. (a) Applicable Construction Code ANSI B31.1 1977 Edition
4. Identification of System Main Steam B, RV-2-71G, Class 1 5. (a) Applicable Construction Code ANSI B31.1 1977 Edition
5. (a) Applicable Construction Code ANSI B31.1 1977 Edition
Year
Year
· · · · · · · · · · · · · · · · · · ·
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
6. Identification of Components Repaired or Replaced and Replacement Components
ASME Repaired, Code
Name of Name of Manufacturer National Other Year Replaced or Stamped
Component Manufacturer Serial No. Board No. Identification Built Replacement YES NO
Actuator Nut Nova n/a n/a n/a 1974 Replaced □ 🛛
Actuator Nut Nova n/a n/a n/a 2003 Replacement 🗌 🖂
Actuator Nut Nova n/a n/a n/a 2003 Replacement 🗆 🖂
Description of Work Replace 6 actuator mounting nuts.
Description of Work Replace 6 actuator mounting nuts. Rests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑
Description of Work Replace 6 actuator mounting nuts.
Description of Work Replace 6 actuator mounting nuts. Rests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑

	ITEM <u>2003-21-0450</u>
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Performed Preservice VT-1. Leak checked Flange per 4280-OCD during Pressure Test
	0255-20-IIC-2 SRV exercised open at Rx pressure of approx 150 psig during startup procedure
	_0112
	CERTIFICATE OF COMPLIANCE
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this REPLACEMENT
	conforms to the rules on the ASME Code, Section XI. repair/replacement
•	Signed 1 Indality Date August 1, 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
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVE 101A and employed by Hartform of CONVERTICAT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5 (10 10) to
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVE SOLA and employed by HARTFORD STEAR BOILER OF CONVERTICAT OF HARTFORD, CT have
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVVEIOIA and employed by HARTFORE STEAR BOILER OF CONVECTION of HARTFORD, CT have inspected the components described in this Owner's Report during the period Stoplos to fly los and state that to the best of my knowledge and belief, the Owner has performed
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVE 101A and employed by HARTFORD STEAR BOILER OF CONVERTICAT of HARTFORD CT have inspected the components described in this Owner's Report during the period State of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVVE 101A and employed by HARTFORD STEAR BOILER OF CONVECTION of HARTFORD, CT have inspected the components described in this Owner's Report during the period SICO 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
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVVE 101A and employed by HARTFORD STEAR BOILER OF CONVECTION of HARTFORD, CT have inspected the components described in this Owner's Report during the period SICO 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,
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVVE 101A and employed by HARTFORD STEAR BOILER OF CONVECTIONS of HARTFORD CT have inspected the components described in this Owner's Report during the period State of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVVE 101A and employed by HARTFORD STEAR BOILER OF CONVECTIONS of HARTFORD CT have inspected the components described in this Owner's Report during the period State of the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVET OF AND AND AND AND AND AND AND AND AND AND
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of hive sold and employed by hart out state or convertient of hart feet and employed by hart out state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 UB 11863 A, W.I. HWOO 4028-CO

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		,		٠.	ITEM	2003-21-0451		· ·
						placement progr further guidance		
8-		information in ite	ms 1 through	6 on this report	is include	ovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy C	Company		Date 0	7/31/200	3		
		Name						
2. Plant	Monticello Nu	clear Generatin Name	ig Plant	Sheet 1		of <u>2</u>		
2807 W. Cnf	ty. Rd. 75, Mor		ota 55362	WO 030	8220			
	^	Idress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Pe	rformed By Λ	IMC/Xcel Enero	av	Type Cod	e Symbo	i Stamp <i>n/a</i>		
		Company		Authoriza	-	·		
2807 W	['] . Cnty. Rd. 75,		1 55362	_ Expiration	Date _	n/a		
	Ad	Idress				•		
4. Identifica	tion of System	Standby Liqu	uid Control, .	XP-6, XP-7, C	lass 1	· .	·	
. F. (-) A!:-	- l-1 - C	C-d- AA	CL DOA A			1077		حانانات
5. (a) Applic	able Constructi	on Code AN	SI B31.1		······································		=(dition
Adder	nda <i>Winter</i> '7	8	·	Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement	1986, No Adder	nda	
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
							AS	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
XP-6	Rockwell Int'l	n/a	n/a	n/a	1980	Repaired		\boxtimes
XP-7	Rockwell Int'l	n/a	n/a	n/a	1980	Repaired		\boxtimes
						7.0200		
		,		·				
7. Description	on of Work B	onnet Seal We	lds were ren	noved and rew	elded for	work on intern	als.	
8. Tests Co	nducted: Hv	drostatic	Pneun	natic	Nomina	al Operating Pre	essure	
	·	her 🗌	Pressure		psi	Test Temp		۰۴
								- <u>'</u>
3087 (DOCUME FOR ADMINIS	NT CHANGE, HO	LD AND COMME		orporated:		SR: N Free		vrs
							a: 0	

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 2 of 2

	ITEM _2003-21-0451
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	IST Functional Test per Procedure 0086. LLRT per Procedure 0137-14. No pressure testing
	required, seal welding on valve bonnet does not penetrate the pressure boundary
	. — · · · · · · · · · · · · · · · · · ·
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI.
	conforms to the rules on the ASME Code, Section XI.
	Signed Tobber Section II ISI Coordinator Date July 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 HILVESOIA and employed by
	MARTFORD STEAM BOILER OF CONNECTICAL of MATFORD, CT have inspected the components described in this Owner's Report during the period 5/10/03 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 <i>SHALL</i> be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.
	Month of the Commissions No 11863 1, W. 1 MN 00 4028-10 Inspector's Signature National Board, Province and Endorsements
	Date 5 4 47 31 2003

MONTIC	3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

			•		I I EW	2003-21-0452	'		
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner	ner Xcel Energy Company				/31/2003	<u>.</u>			
0 014	Name							·	
2. Plant	_ Sheet <u>_1</u>		of _2						
2807 W. Cn		WO 0200351 and 0204310							
	Ad	dress		Repair	Repair Organization P.O. No., Job No. etc.				
3. Work Pe	rformed By			• • • •	-	l Stamp <u>n/a</u>			
000714		Company			Authorization No. <u>n/a</u>				
2807 W	/. Cnty. Rd. 75,	<i>Monticello, MN</i> Idress	1 55362.	Expiration	Date -	n/a			
4. Identifica	ntion of System		C, AO-2-86	C, Class 1					
F (-) A1:-	abla Canata at		01.024.4			1077		dition	
5. (a) Applic	able Constructi	on Code AN	<u> </u>		'	1977 Year	=	dition	
Adde	nda <i>Winter</i> 7	8		Code	Case _	n/a			
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986, No Adde	nda		
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents	•		
	1 .				ပ		1	ME	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		nde nped	
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
Downstream Disc	Anchor Darlina	n/a	n/a	n/a	1994	Replaced		\boxtimes	
Downstream Disc	Flowserve	n/a	n/a	HN 216410 SN1	2003	Replacement		×	
		÷							
7. Description of Work Replace downstream disc due to seat and retaining pin damage.									
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
	Other Pressure psi Test Temp *F								
3087 (DOCUME	ENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:					
FOR ADMINISTRATIVE Resp Supv: PRGE Assoc Ref PRGE SR: N Free: 0 vrs									
USE ONLY ARMS: 3613 Doc Type: REF ONLY Admin initials: Date:									

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4
Page 2 of 2

ITEM 2003-21-0452 (Applicable Manufacturer's Data Reports to be Attached) Remarks Perform Preservice VT-3. Valve LLRT per procedure 0137-07A, Stroke O/C per 0255-07-IA-1 PI test per 0255-07-IA-4. Pressure Testing, although not required for this replacement part, per 0255-CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code. Section XI. Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIUNESOTA and employed by HARTFURD STEAM BUILTR OF CONNECTICUT OF HAITTFORD ICT inspected the components described in this Owner's Report during the period 5/10/03 , 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. Turt A Rule 14 Commissions NI 11863 A.W.I MV 004018-10

Inspector's Signature National Board, Province and Endorsements

		<u></u>							
					ITEM	2003-21-0455	5		
NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.									
NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner Xcel Energy Company Date 8/					3/7/2003				
Name 2. Plant Monticello Nuclear Generating Plant			Sheet 1	•	of 2	ı			
Name						01 _2	•		
2807 W. Cn	ty. Rd. 75, Mor		ota 55362		WO 0203461				
	AC	ddress		Repair	Repair Organization P.O. No., Job No. etc.				
3. Work Pe	erformed By				Type Code Symbol Stamp <u>n/a</u>				
2807 W	/. Cnty. Rd. 75,	Company Monticello MA			Authorization No. <u>n/a</u> Expiration Date <u>n/a</u>				
2007 7		idress	, 00002	- Lapitation	Date _	iva .			
4. Identifica	ation of System	HPCI, RV-2	056, Class :	3		,			
5 (a) Applic	able Constructi	ion Code AN	SI B31 1			1977	E	dition	
o. (a) Applic	able Constitucti	on code AN	01 00 1.1			Year		aitiOi i	
Adde	nda <i>Winter '7</i>	<u> </u>	·	Code	Case _	n/a			
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda									
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents			
						1		ME	
Name of Name of		Manufacturer	National	Other	Year	Repaired, Replaced or	Code Stamped		
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
Flange Boltina	unknown	n/a	n/a	n/a	1967	Replaced		·Ø	
Flange Boltina	Nova Machine	n/a	n/a	n/a	2003	Replacement		Ø	
					_				
7. Description of Work Replace 4 Studs and 8 nuts on RV-2056 inlet due to damage during disassembly.									
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure									
Other Pressure psi Test Temp °F						°F			
	•	 -	•		-	• —		_	

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	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 3 of 2
		2 9m 8/2
	ITEM 2003-	21-0461-455 8/7
9. Remar	· · · · · · · · · · · · · · · · · · ·	7A S
•		
	essure testing is required for replacement bolting. Damage to the bolting	was not service
_relate	d. Studs and Nuts are like-for-like replacement.	
	· · · · · · · · · · · · · · · · · · ·	v.s. z
· · · · · · · · · · · · · · · · · · ·		-
	CERTIFICATE OF COMPLIANCE	
We certi	fy that the statements made in the report are correct and this	ement
		placement
Signed	TOM JOHN NOELVIII Date \$/6	2003
	Owner or Owner's Designee, Title	
<u> </u>		
		(
. •	CERTIFICATE OF INSERVICE INSPECTION	
•	CERTIFICATE OF INSERVICE INSPECTION	
	dersigned, holding a valid commission issued by the National Board of Boiler a	
	rs and the State or Province of MIXIVESOTA ERARTFORM, CT	and employed by
	the components described in this Owner's Report during the period 5/17	have by to
5/7	nd state that to the best of my knowledge and belief, the Ov	vner has performed
	tions and taken corrective measures described in this Owner's Report in ac	ccordance with the
requirem	ents of the ASME Code, Section XI.	
By signir	ng this certificate neither the Inspector nor his employer makes any warranty, ex	pressed or implied,
	ng the examinations and corrective measure described in the Owner's Report. F	
	ctor nor his employer SHALL be liable in any manner for any personal injury of any kind arising from or connected with this inspection.	property damage or
a 1055 UI	any kina anomy nomi or connected with this hispection.	•
V		
	Inspector's Signature Commissions NB 11863 A, N, I MN National Board, Province a	and Endorsements
		ing Engoisomonis
Date	AUGUST 7 , 2007	
		·

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					HEM	2003-21-0456	<u> </u>		
NOTE 1:	NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.								
NOTE 2:	Supplemental sheet 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each sheet, a		each	
1. Owner	Xcel Energy (Company		Date 8	/6/2003				
		Name							
2. Plant	Monticello Nu	clear Generatir Name	ig Plant	_ Sheet <u>_1</u>	· · · · · · · · · · · · · · · · · · ·	of _2	· 	·	
2807 W. C	nty. Rd. 75, Mo		ota 55362	WO 030	8084, 03	08458			
		ddress				tion P.O. No., J	ob No.	etc.	
3. Work F	3. Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a								
		Company		Authoriza		n/a			
2807	W. Cnty. Rd. 75,		1 55362	_ Expiration	Date _	n/a			
		ddress							
4. Identifi	cation of System	Reactor Hea	d Vent, Cla	ss 1					
5 (a) Ann	licable Construct	ion Code AM	SI B31 1		,	1977	⊏,	dition	
5. (a) App	ilicable Constituct	ion code Aiv	01 001.1		 ′	Year	'		
Add	enda <i>Winter '7</i>	78		Code	Case _	n/a			
(b) App	icable Edition of	Section XI Utili	zed for Rep	airs or Replace	ement _	1986, No Addei	nda		
6. Identific	cation of Compo	nents Repaired	or Replaced	d and Replace	ment Coi	mponents	•		
			[· · · · · · · · · · · · · · · · · · ·	l .			AS	,	
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or	Co Stan	de	
Componen		Serial No.	Board No.	Identification	Built	Replacement	YES	NO	
Flange Boltina	Nova Machine	n/a	n/a	n/a	2001	Replaced		\boxtimes	
Flange Boltina	Nova Machine	n/a	n/a	n/a	2003	Replacement		X	
						٠.			
·						·			
7. Descrip	ition of Work _R	Replace 8 Studs	and 16 nut	s damaged du	ring disas	ssembly.			
8. Tests C	onducted: Hv	drostatic	Pneun	natic 🗍	Nomina	al Operating Pre	essure		
	•	her 🛛	Pressure	_	psi	Test Temp		°F	
3087 (DOCUI	MENT CHANGE, HO		NT FORM) inc						
		SD SUDV: PRGE	Assoc			SR: N Fre	a: 0	vrs	
経さばらげ 「ICC」	ONEVENERMENT		I	DEE ONLY	1 4 1			Į 1	

MONTICELLO NUCLEAR GENERATING PLANT TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 REPLACEMENTS - FORM NIS-2 Page 2 of 2 ITEM 2003-21-0456 9 Remarks (Applicable Manufacturer's Data Reports to be Attached)

•	ITEM 2003-21-0456
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Studs and Nuts are like-for-like replacement. Pressure testing performed under 0255-20-IIC-2 and
	CR 03005436 because nuts did not receive MT per Bechtel Spec. 5828-M-40 Preservice VT-1
	performed on replacement nuts. The MT required by 5828-M-40 was used as an acceptable.
	alternative to the preservice VT-1 for the studs as permitted by IWA-2240.
	CERTIFICATE OF COMPLIANCE
,	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. repair/replacement
	Signed Declary Section XI ISI Coordinator Date August 8, 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 Inspectors and the State or Province of	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

		•	•		İTEM	2003-21-04	157			
	This form may not 4 AWI-09.04.03 (AS							•		
	NOTE 2: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8-1/2 in x 11 in, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.									
1. Owner	Xcel Energy (Company		_ Date _7	7/29/2003	!				
		Name		_			_			
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet _1	·	of	2			
2807 W Cr	nty. Rd. 75, M oi	Name nticello Minnes	ota 55362	WO 020	3460			•		
2001 11.01		ddress				tion P.O. No.	, Job No.	etc.		
3 Work P	erformed By \(\Lambda	IMC/Xcel Ener	mv	Type Cor	le Symbo	l Stamp <i>n/a</i>				
o. Work	enonned by _n	Company		Authoriza			<u> </u>	* -		
2807 V	V. Cnty. Rd. 75,	•		Expiration	Date _	n/a				
	Ac	idress			_		,			
4. Identific	ation of System	RHR "A" He	at Exchange	er, Shell Side I	RV-4281,	Class 2				
5. (a) Appli	cable Construct	ion Code _AN	SI B31.1			1977	E	dition		
		· · · · · · · · · · · · · · · · · · ·		O- d-		Year	··			
Adde	enda <i>Winter</i> 7			Code	Case _	n/a				
(b) Applic	cable Edition of	Section XI Utili	zed for Rep	airs or Replace	ement _	1986, No Add	denda			
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents				
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced o	Co	ME ode nped		
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacemen		NO		
RV-4281 studs & nuts		n/a	n/a	n/a	1969	Replaced		⊠		
RV-4281 studs & nuts	Nova Machine	n/a	n/a	n/a	2003	Replacemen	nt 🗆	Ø		
:		•				•				
7. Descript	7. Description of Work Replace 8 flange studs and 16 nuts damaged during disassembly.									
8. Tests Co			Pneun	natic 🔲	Nomina	al Operating f	Pressure			
8. Tests Co	onducted: Hy	drostatic [Pressure	□ °F		
	onducted: Hy	drostatic [Pressure		Nomina psi	al Operating f	Pressure	"F		
	onducted: Hy Oti	drostatic [Pressure	orporated:		Test Temp	Pressure	°F vrs		

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

Page 2 of 2

	ITEM 2003-21-0457
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	No preservice examination required for replacement bolting. No pressure testing is required for
	replacement bolting. Damage to the bolting was not service related. Studs and Nuts replaced to
	the original material specs
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
,	conforms to the rules on the ASME Code, Section XI. repair/replacement
•	Tou (- u voca + - m/s
. •	Signed Tom Jould, NDE Lul III Date 7/29, 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 HARTER STEAM BOILER OF CONNECTICAT of MAKTERS (T) have
	inspected the components described in this Owner's Report during the period 5/1667 to
	7/29/03 , 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 <i>SHALL</i> be 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 WE 11862 A, W.J. 146/204028-CO National Board, Province and Endorsements
	Inspector's Signature National Board, Province and Endorsements
	Date <u> </u>

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					ITEM	2003-21-0458	!	
						eplacement progr further guidance		
8-	1/2 in x 11 in, (2)		ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, a orm.		each
1. Owner	Xcel Energy (Date8	3/3/2003			
2. Plant	Monticello Nu	Name clear Generatir Name	ng Plant	Sheet		of <u>2</u>		
2807 W. Cn	ty. Rd. 75, Moi	nticello, Minnes	ota 55362	WO 030	8388, 036	08566		
		dress		Repair	Organiza	tion P.O. No., J	ob No.	etc.
3. Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a								
2807 W	/ Caty Rd 75	Company Monticello MA		Authoriza Expiration		<u>n/a</u> n/a		
2007 11	2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date n/a Address							
4. Identifica	ition of System	RCIC Steam	, MO-2075,	Class 1				
5. (a) Applic	able Construct	ion Code AN	SI B31.1		•	1977 Year	E	dition
Adder	nda <i>Winter</i> 7	' 8		Code	Case			
(b) Applic	able Edition of	Section XI Utili	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identifica	ition of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
						D		ME
Name of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		ode nped
Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Downstream Disc	unknown	n/a	n/a	n/a	2000	Replaced		\boxtimes
Downstream Disc	Flowserve Corp	B386-4	n/a	n/a	2003	Replacement		⊠ .
		,						
7. Description		eplace US and ressure locking		only DS disc is in & disc.		e retaining), dril Kus 8/8/63		
7. Description8. Tests Co	. <u>p</u> i			in disc. Par	P8/8/03 1		l anti-	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 8 of 2
		2 am
	ITEM 2003-	21-0458
9. Remar		,
No pr	eservice examination required for replacement disc since valve is less tha	n NPS-4. No
, , , , , , , , , , , , , , , , , , , 	ure testing is required following replacement of discs. Preservice testing is	
•	on indication, and Appendix J I I RT	
<u></u>		
	CERTIFICATE OF COMPLIANCE by that the statements made in the report are correct and this	acement
conforms	s to the rules on the ASME Code, Section XI. repair/re	placement
Signed	Owner or Owner's Designee, Title	, 2003
	CERTIFICATE OF INSERVICE INSPECTION	
	dersigned, holding a valid commission issued by the National Board of Boiler at	nd Pressure Vessel and employed by
	CONTRAPOLER OF CONFESCRET OF HARTERD, ET	have
<u>क्र/प</u> examinat	the components described in this Owner's Report during the period	vner has performed
concerning the inspe	g this certificate neither the Inspector nor his employer makes any warranty, exing the examinations and corrective measure described in the Owner's Report. For ctor nor his employer SHALL be liable in any manner for any personal injury of any kind arising from or connected with this inspection.	urthermore, neither
1	Inspector's Signature Commissions WB 118(3 A, W, I 4W) National Board, Province a	- 30 402 8 - CO and Endorsements
Date	<u>AUGUST 4. 2003</u>	

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					IIEM	2003-21-04	59	
NOTE 1:	This form may not 4 AWI-09.04.03 (AS							:
NOTE 2:	Supplemental sheet 8-1/2 in x 11 in, (2) sheet is numbered	information in ite	ms 1 through	6 on this report	is include	d on each shee	e is et, and (3)	each
1. Owner	Xcel Energy (Company		Date 7	7/17/2003	!		
		Name						
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>_1</u>	<u> </u>	of	2	
2807 W C	Inty. Rd. 75, Moi	Name nticello Minnes	sota 55362	WO 030	8559			
200, 11. 0		dress		_ 		tion P.O. No.	, Job No.	etc.
3 Work F	Performed By A	JMC/Xcel Ener	αv	Type Cod	le Symbo	l Stamp <i>n/a</i>	,	
3. Work Performed By NMC/Xcel Energy Type Code Symbol Company Name Authorization No.							<u>. </u>	
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date n/a								
<u>- </u>	Ac	ddress				-		
4. Identifi	cation of System	Main Steam	C, MSH-3C	pipe support,	Class 1			•
5. (a) App	licable Construct	ion Code AN	SI B31.1	·	,	1977	E	dition
Add	enda <i>Winter 7</i>	78		Code	Case _	Year n/a		
(b) Appl	icable Edition of	Section XI Utili	zed for Repa	airs or Replace	ement	1986, No Add	denda .	ŷ.
6. Identific	cation of Compor	nents Repaired	or Replaced	d and Replace	ment Cor	mponents		
		<u> </u>						ME
Name of	Name of	 Manufacturer	.National	Other	Year	Repaired, Replaced o		ode nped
Component	1	Serial No.	Board No.	Identification	Built	Replacemen		NO
Weld to	n/a	n/a	n/a	n/a	2003	Repaired		Ø
Clamp	·					<u> </u>		
					:			
			·					
		·						
7. Descrip	tion of Work R	epair weld atta	ching auxilia	nry angle iron l	oracket to	pipe clamp.		
8. Tests C		drostatic	Pneun			al Operating I	Draceure	
U. 16818.C	•				_	, ,	i casul c	اسا
	Ot	her []	Pressure		psi 	Test Temp		_ °F
3087 (DOCUI	MENT CHANGE, HO	LD AND COMME	NT FORM) inc	orporated:				
	*** *** *** *** *** *** *** *** *** **	SD SUDV: PRGE	Assoc				rea: 0	vrs
	TOTAL AK	MS: 3613	Doc Type	E: REF ONLY	Admin in	เนอเร: โ	Date:	

MONTICELLO NUCLEAR GENERATING PLANT

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

3613

Revision 4

Page 2 of 2

	· · · · · · · · · · · · · · · · · · ·
	ITEM 2003-21-0459
9.	Remarks (Applicable Manufacturer's Data Reports to be Attached)
	Reweld angle iron attachment to pipe clamp. This attached bracket is an additional item that
	supports a non-Section XI component. The attachment is shown on support drawing NX-14042-16.
	A preservice VT-3 is required on the affected area, which is the pipe clamp. No pressure testing or
	preservice testing is required.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this
	We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. Legal (repair/replacement
	Signed 10m JOHN, NDE LVITTE Date 7/17/, 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

MONTIC	ELLO NUCLEAR GENERATING PLANT	3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR	Revision 4
	REPLACEMENTS - FORM NIS-2	Page 1 of 2

					HEM	2001-20-0460	<i>'</i>	
						eplacement progr further guidance		:
8-		information in ite	ms 1 through	6 on this report	is include	rovided (1) size is d on each sheet, orm.		each
1. Owner	Xcel Energy C	Company		Date 8	7/7/03			
		Name						
2. Plant	Monticello Nu	clear Generatir	ng Plant	_ Sheet <u>1</u>		of _2	· 	
000714/ 0-4	v. Dd 75 Mae	Name	-t- EE262	WO 030	9400	1.000000		
2807 W. Chi	ty. Rd. 75, Mor	idress	ota 55362			<i>0308606</i> tion P.O. No., J	oh No	oto
	Λ.	uuless	•	·	_	·	טט ועט.	CIU.
Work Pe	rformed By $ _{\scriptstyle \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$			•	-	Stamp N/A		
		Company		Authoriza		N/A		
_2807 W	. Cty Rd 75, M		05362	Expiration	Date _	N/A		
•	Ac	ldress			•		•	
4. Identifica	tion of System	Main Steam,	MSIV AO-2	?-80A	<u>.</u>	· · · · · · · · · · · · · · · · · · ·		
5 (a) Applic	able Constructi	ion Code ' AN	SI B31 1			1967	F	dition
o. (d) Applio		711	0, 20			Year		
Adder	nda <i>None</i>			Code	Case _	N/A		
(b) Applic	able Edition of	Section XI Utili:	zed for Repa	airs or Replace	ement _	1986		
6. Identifica	tion of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		
							•	ME
Nome of	Name of	Manufacturer	National	Other	Year	Repaired, Replaced or		ide nped
Name of Component	Manufacturer	Serial No.	Board No.	Identification	Built	Replacement	YES	NO
Studs	Unknown	N/A	N/A	N/A	1968	Replaced		⊠
Studs	Nova	N/A	N/A	N/A	2003	Replacement		. 🖾
Nuts	Unknown	N/A	N/A	N/A	1968	Replaced		×
Nuts	Cardinal	N/A	N/A	N/A	2003	Replacement		\boxtimes
7. Description	on of Work R	eplaced 8 Stud	ls and 15 Nu	ıts				
8. Tests Co	nducted: Hy	drostatic	Pneun	natic 🗌	Nomina	al Operating Pr	essure	

MONTICELLO NUCLEAR GENERATING PLANT 3613 TITLE: OWNER'S REPORT FOR REPAIRS OR Revision 4 **REPLACEMENTS - FORM NIS-2** Page 3 of 2 ITEM 2001-20-0460 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) No pressure tests were required. IST tests (stroke open/closed, position indication, fail safe LLRT) were conducted in conjuction, with procedure 4240-01-OCD, VT-1 and MT exams were conducted for preservice requirements on all studs and nuts CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. _ Date 8/7 NDELVITT Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of hindersia and employed by HART FORD STEAM BOILER OF CONVEGICAT OF MARTEURO, CT have , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11863 1, MJ MW WYUZ F-CO

National Board, Province and Endorsements

Date 146457 7 , 2003

MONTICELLO NUCLEAR GENERATING PLANT3613TITLE:OWNER'S REPORT FOR REPAIRS OR
REPLACEMENTS - FORM NIS-2Revision 4

			والمناوي والتناوي والمارو	فالتربيب والمفاعب ويواده والتنافيات				
					ITEM	2003-21-0461	,	
		address all items ME SECTION XI I						
8-	-1/2 in x 11 in, (2)	ets in form of lists information in ite and the number	ms 1 through	6 on this report	is include	d on each sheet, a	and (3) (each
1. Owner	Xcel Energy C	Company		Date 8	/6/2003			
		Name		-				
2. Plant	Monticello Nu	clear Generatin	g Plant	_ Sheet <u>1</u>		of <u>2</u>		
2807 W. Cn	ty. Rd. 75, Moi	Name nticello, Minnes	ota 55362	WO 030	8742			
		ddress		Repair	Organiza	tion P.O. No., J	ob No.	etc,
3. Work Pe	erformed By 1	MC/Xcel Energ	ay	Type Cod	e Symbo	ol Stamp n/a		
		Company		Authoriza		n/a		
2807 V		Monticello, MN	55362	Expiration	Date _	n/a		
	Ac	dress				·		
4. Identifica	ation of System	Main Steam,	RV-2-71G	•			· · · · · · · · · · · · · · · · · · ·	<u>.</u>
5. (a) Applic	able Constructi	ion Code AN	SI B31.1		•	1967 Year	E	dition
Adde	nda <i>No Adde</i>	nda	·	Code	Case _	n/a		
(b) Applic	able Edition of	Section XI Utiliz	zed for Repa	airs or Replace	ement _	1986, No Addei	nda	
6. Identifica	ation of Compor	nents Repaired	or Replaced	d and Replace	ment Co	mponents		,
Namaas	Name of	Manufactura	National	Other	Vasa	Repaired,	Co	ME de
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Identification	Year Built	Replaced or Replacement	YES	nped NO
pilot stage	Target Rock	170	n/a	n/a	1968	Replaced	Ø	
assemblv pilot stage assemblv	Target Rock	7	n/a	n/a	1989	Replacement		
,								
	·							
7. Descripti	on of Work R	eplace pilot sta	ge assembl	y with refurbis	hed asse	mbly		
8. Tests Co		drostatic	Pneun			al Operating Pre	essure	
,	•	her 🛛	Pressure	_	psi	Test Temp		°F
3087 (DOCUME	NT CHANGE HO	LD AND COMME	NT FORM) inc	orporated:	·			
FOR ADMINI	1	o Sugv: PRGE	Assoc			SR: N Free	a: 0	vrs
USE O		MC: 3613		DEE ONLY	Admin in			——— ·

MONTICELLO NUCLEAR GENERATING PLANT

3613

TITLE:

OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2

Revision 4

ITEM 2003-21-0461 9. Remarks (Applicable Manufacturer's Data Reports to be Attached) Pressure test not required due to relief request #7 being allowed by the NRC for portion pertaining to work activity on Main Steam Safety Relief Valve "G". Verification of no leaks was performed at ~150 psia_900 psia_ CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI. ONLY, NDELVITT Date Owner or Ownér's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HIVVESOTA and employed by HARTFORD STEAM GOILER OF CONNECTIONT OF HARTFORN, CT inspected the components described in this Owner's Report during the period 5/24/03 6 16 103 ____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be 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 11863 1, N, I HN 00404-CU Inspector's Signature National Board, Province and Endorsements

2003

AUGUST

APPENDIX A

Class 1, 2, and 3 Examinations

(sorted by Class, Category, and Code Item)

(9 pages)

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Owner: Xcet Energy, LLC, 800 Nicollet Mall, Minneapolis, MN 55402

Operator: Nuclear Management Company, LLC, 700 First Street, Hudson, WI 54016

Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

lmit. AI/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
lass 1 (page				· · · · · · · · · · · · · · · · · · ·		·						
100395	Rx Ves Head Cooling	ISI-13142-20-C	8- 2	Flange Bolts	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT070	RI ·	ļ	VT following flange groove machining. Rounded Indication see CR 0300513 for acceptability.
	• •						PEI-02.05.01	Vī	2003VT056	NRI	5/8/2003	
100566	Main Steam A	ISI-13142-33-A	B- 1	Flange Bolts @ W-12	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT049	NRI	5/5/2003	In place, under tension
100568	Main Steam A	ISI-13142-33-A	B- 3	Flange Bolts @ W-16	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT048	NRI	5/5/2003	In place, under tension
100621	Main Steam B	ISI-13142-34-A	B- 1	Flange Bolts @ W-13	B-G-2	B7.50	PEI-02.05.01	VI	2003VT044	NRI	5/5/2003	In place, under tension
100623	Main Steam B	ISI-13142-34-A	B- 3	Flange Bolts @ W-16	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT045	NRI	5/5/2003	In place, under tension.
100675	Main Steam C	ISI-13142-35-A	B- 4	Flange Bolts @ W-18	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT021	NRI	5/1/2003	In place, under tension
100676	Main Steam C	ISI-13142-35-A	B- 5	Flange Bolts @ W-14	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT020	NRI	5/1/2003	In place, under tension
100725	Main Steam D	ISI-13142-36-A	B- 1	Flange Bolts @ W-13	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT033	NRI	5/2/2003	In place, under tension
100727	Main Steam D	ISI-13142-36-A	B- 3	Flange Bolts @ W-17	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT032	NRI	5/2/2003	In place, under tension
101491	Head Vent	ISI-782A-A	B- 1	Flange Bolts	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT104	NRI	5/10/2003	PSI of replacement stude and nuts.
101492	Head Vent	ISI-782A-A	B- 2	Flange Bolts	B-G-2	B7.50	PEI-02.05.01	Vī	2003VT141	NRI	5/15/2003	PSI of replacement studs and nuts.
102077	Recirculation B	ISI-97006-A	B- 3	Flange Bolts @ W-16	B-G-2	B7.50	PEI-02.05.01	VT	2003VT029	NRI	5/2/2003	In place, under tension
.100572	Main Steam A	ISI-13142-33-A	B- 7	Valve Bolts	8-G-2	B7.70	PEI-02.05.01	Vī	2003VT206	RI	5/19/2003	galled/damaged threads, damaged stu hole. See CR 03005547.
			<u> </u>			}	PEI-02.05.01	. Vī	2003VT208	RI	5/20/2003	Examined additional stud holes, see C 03005547 for acceptability.
			l				PEI-02.05.01	Vī	2003VT202	NRI	5/20/2003	PSI of replacement studs and nuts.
100575	Main Steam A	ISI-13142-33-A	B-10	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	VT	2003VT022	NRI	5/2/2003	PSI of 6 replacement bolts and nuts.
100626	Main Steam B	ISI-13142-34-A	B- 6	Valve Bolts	B-G-2	87.70	PEI-02.05.01	· Vī	2003VT071	NRI	5/8/2003	PSI on 6 nuts for topworks actuator per WO 0201000.
100629	Main Steam B	ISI-13142-34-A	B- 7	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT072	NRI	5/8/2003	PSI on 6 bolts and nuts for topworks actuator per WO 0200991.
100673	Main Steam C	ISI-13142-35-A	B- 2	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT075	RI	5/9/2003	Damaged / missing threads in vacated stud holes. See CR 03005214
		1	<u> </u>	· ·	1	!	PEI-02.05.01	Vī	2003VT063	NRI	5/5/2003	PSI of 20 replacement studs and nuts
100974	HPCI Steam	ISI-13142-42-A	8-2	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT140	NRI	5/8/2003	PSI on replacement bolting, 5 studs, 2 nuts
101849	RHR Return A	ISI-97003-A	B-2	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT144	NRI	5/15/2003	VT following disassembly.

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit: •

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	ltem	Procedure	Method	Report	Results	Exam Date	Comments
102426	CRD Housings	ISI Fig 2	10-23B	CRD Housing Bolts	8-G-2	B7.80 & GE SIL483	PEI-02.05.01	Vī	2003VT003	NRI	4/24/2003	PSI of replacement bolts (176)
100576	Main Steam A	ISI-13142-33-A	H- 1	Dbl Spring / 4 Lugs	В-К	B10.20	PEI-02.02.01	MT,	2003MT001	NRI	5/2/2003	
101989	Recirculation A	ISI-97005-A	H-10	Dbl Spring / 4 Lugs	В-К	B10.20	PEI-02.01.01	PT	2003PT004	NRI	5/4/2003	
102081	Recirculation B	ISI-97006-A	H- 3	Dbl Spring / 4 Lugs	В-К	B10.20	PEI-02.01.01	PT	2003PT005	NRI	5/4/2003	
102099	Recirculation B	ISI-97006-A	P200-B	Pump	B-L-2	B12.20	PEI-02.05.02	VT	2003VT011	NRI	4/29/2003	PSI of replacement stuffing box cover per WO 0203827
107183	Recirculation A	ISI-97005-A	P200-A	Pump	B-L-2	B12.20	PEI-02.05.02	VT	2003VT012	NRI		PSI of replacement stuffing box cover per WO 0203827.
100498	Core Spray A	ISI-13142-31-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	٧ſ	2003VT142	NRI	5/15/2003	VT of internals following disassembly
100587	Main Steam A	ISI-13142-33-A	V- 3	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	VT	2003VT205	NRI	5/19/2003	
100635	Main Steam B	ISI-13142-34-A	V- 1	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	2002VT002	NRI i	12/12/2002	PSI of replacement disc per WO 0201002.
			•		L		PEI-02.05.04	VT	2003VT026	NRI		VT of internals following disassembly
100636	Main Steam B	ISI-13142-34-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	VT	2003VT024	NRI	5/2/2003	VT of internals following disassembly
100690	Main Steam C	ISI-13142-35-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	Vī	2003VT064	NRI	5/10/2003	PSI of replacement disc.
					·		PEI-02.05.04	VT	2003VT037	NRI	5/4/2003	VT of internals following disassembly. No change to prior indications on guide way and seal surface.
101206	Feedwater	ISI-13142-52-A	V- 3	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	·VT	2003VT090	NRI	5/10/2003	VT of internals following disassembly
101858	RHR Return A	ISI-97003-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	VT	2003VT143	NRI	5/15/2003	VT of internals following disassembly
101520	MS Condensate	ISI-786A	H- 1	Box Support	F-A	F1.10a	PEI-02.05.02	Vī	2003VT016	NRI	5/1/2003	2nd PSI per IWF-2210(b)
101988	Recirculation A	ISI-97005-A	H- 9	Seismic Restraint	F-A	F1.10a	PEI-02.05.02	Vī	2003VT059	NRI	5/7/2003	Scope Expansion due to indication on ISI-97005A, H-10.
101991	Recirculation A	ISI-97005-A	H-12	Seismic Restraint	F-A	F1.10a	PEI-02.05.02	Vī	2003VT060	NRI	5/7/2003	Scope Expansion due to indication on ISI-97005A, H10.
102085	Recirculation B	ISI-97006-A	H- 4	Restraint	F-A	F1.10a	PEI-02.05.02	VΓ	2003VT030	NRI	5/2/2003	
107526	Recirculation A	ISI-97005-A	H- 6	Clevis / Lugs	F-A	F1.10a	PEI-02.05.02	VT	2003VT006	NRI	4/29/2003	
100579	Main Steam A	ISI-13142-33-A	H- 3	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT015	NRI	<u> </u>	PSI following snubber changeout per WO 0202041
100632	Main Steam B	ISI-13142-34-A	H- 3	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT086	RI		2nd PSI per IWF-2210(b). Spherical bearing unstaked ~1/8", see CR 03005260 for acceptability.
100737	Main Steam D	ISI-13142-36-A	H- 2	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	VI	2003VT017	NRI	5/1/2003	PSI following snubber changeout per WO 0202029.

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

Summary No.	System	ISO Number	Comp ID	. Comp Description	Category	Item -	Procedure	Method	Report	Results	Exam Date	Comments
100741	Main Steam D	ISI-13142-36-A	H- 6	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	VT	2003VT079	NRI	5/9/2003	2nd PSI per IWF-2210(b)
101855	RHR Return A	ISI-97003-A	H- 3	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vτ	2003VT103	RI		PSI following changeout per WO 0202027. Spherical bearings exercised with wrench. Gouges on upper end of piston shaft. See CR 03005256 for acceptability.
105023	Head Vent	ISI-782A-A	H-1	Hanger	F-A	F1.10b	PEI-02.05.02	VT	2003VT147	NRI	5/16/2003	2nd PSI per IWF-2210(b)
105025	Head Vent	ISI-782A-A	H-3	Hanger	F-A	F1.10b	PEI-02.05.02	VT	2003VT148	NRI	5/16/2003	2nd PSI per IWF-2210(b)
107549	Recirc Manifold B	ISI-97006-B	H- 2	Snubber / Lugs	F-A	F1.10b	PEI-02.05.02	٧ī	2003VT083	NRI	5/10/2003	PSI following snubber changeout per WO 0202036.
107552	Recirc Manifold B	ISI-97006-B	H-12	Snubber	F-A	F1,10b	PEI-02.05.02	VT	2003VT108	NRI	5/6/2003	2003VT108 is a duplicate report for this component.
							PEI-02.05.02	Vī	2003VT066	NRI	5/6/2003	PSI following snubber changeout per WO 0202045.
107533	Recirc Manifold A	ISI-97005-B	H-12	Snubber / Lugs	F-A	F1.10b	PEI-02.05.02	٧ī	2003VT087	NRI	5/10/2003	2nd PSI per IWF-2210(b)
101041	RCIC Steam	ISI-13142-43-A	H- 1	Variable Spring	F-A	F1.10c	PEI-02.05.02	· VT	2003VT013	NRI	4/30/2003	
101975	Recirculation A	ISI-97005-A	H-11	Sway Brace	F-A	F1.10c	PEI-02.05.02	VT	2003VT023	NRI	5/1/2003	
105024	Head Vent	ISI-782A-A	H-2	Spring / Clamp	F-A	F1.10c	PEI-02.05.02	VT	2003VT149	NRI	5/16/2003	2nd PSI per IWF-2210(b)
107511	Main Steam A	ISI-13142-33-A	H- 1	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	VT	2003VT034	NRI	5/2/2003	
107513	Main Steam B	ISI-13142-34-A	H- 1	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	VT	2003VT014	NRI	4/30/2003	
107516	Main Steam C	ISI-13142-35-A	H- 5	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	VT.	2003VT207	NRI	5/19/2003	PSI on clamp after work and welding per WO 0308559, see CR 03005538.
107524	Recirculation A	ISI-97005-A	H- 2	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	Vī	2003VT065	RI	5/7/2003	Examined for scope expansion due to indication on ISI-97005, H-10. Indication on anti-rotational lugs, see CR 03004957 for acceptability.
107527	Recirculation A	ISI-97005-A	H- 7	Double Spring	F-A	F1:10c	PEI-02.05.02	Vī	2003VT062	NRI	5/7/2003	Examined for scope expansion due to indication on ISI-97005A, H-10.
107529	Recirculation A	ISI-97005-A	H-10	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	Vī	2003VT028	Ri	5/1/2003	Indications on anti-rotation lug welds, thread damage on rods, see CR 03004680 and 03005292 for acceptability.
107543	Recirculation B	ISI-97006-A	H- 3	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	VT	2003VT042	NRI	5/4/2003	
107546	Recirculation B	ISI-97006-A	H- 7	Dbl Spring / Lugs	F-A	F1.10c	PEI-02.05.02	Vī	2003/1031	NRI	5/2/2003	

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Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	ltem	Procedure	Method	Report	Resuits	Exam Date	Comments
107548	Recirculation B	ISI-97006-A	H-10	Dbl Spring	F-A	F1.10c	PEI-02.05.02	Vī	2003VT055	RI	5/8/2003	Examined for scope expansion due to indication on ISI-97005A, H-10. Indication on anti-rotational lug welds. See CR 03004680 for acceptability.
107555	Recirc Pump 8	ISI-97006-C	H- 3	Rod/Clevis Grip/Lugs	F-A	F1.40a	PEI-02.05.02	Vī	2003VT043	NRI	5/5/2003	
107537	Recirc Pump A	ISI-97005-C	H- 4	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	٧ī	2003VT051	NRI	5/6/2003	PSI following snubber changeout per WO 0202043
107556	Recirc Pump B	ISI-97006-C	H- 4	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	Vī	2003VT018	NRI	5/1/2003	·
							PEI-02.05.02	Vī	2003VT061	NRI	5/7/2003	
107557	Recirc Pump B	ISI-97006-C	H- 5	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	Vī	2003VT080	NRI -		PSI following snubber changeout per WO 0202047.
•					,		PEI-02.05.02	Vī	2003VT019	NRI	5/1/2003	2nd PSI per IWF-2110(b).
107558	Recirc Pump B	ISI-97006-C	H- 6	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT.	2003VT084	NRI	5/10/2003	2nd PSI per IWF-2110(b)
107560	Recirc Pump B	ISI-97006-C	H- 8	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT ·	2003VT027	NRI	5/2/2003	PSI following snubber changeout per WO 0202046.
107561	Recirc Pump B	ISI-97006-C	H- 9	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	٧٢	2003VT058	NRI	5/9/2003	2nd PSI per IWF-2110(b).
100781	Main Steam D	ISI-13142-36-A	W-35	Pipe-to-Valve	R-A(L)	R1.20	PEI-02.03.01	UT	2003UT019	NRI	5/8/2003	Single-sided exam, >90% Coverage.
101535	MS Condensate Lkoff	ISI-786A	W-13	Pipe-to-Elbow	R-A(L)	R1.20	PEI-02.02.01	MT	2003MT005	NRI	5/11/2003	PSI of replacement weld per Mod 01Q110.
101536	MS Condensate Lkoff	ISI-786A	W-14	Elbow-to-Valve	R-A(L)	R1.20	PEI-02.02.01	MT	2003MT004	NRI	5/11/2003	PSI of replacement weld per Mod 01Q110
100714	Main Steam C	ISI-13142-35-A	W-24	Pipe-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT006	NRI	5/1/2003	
101368	Reactor Wtr Cleanup	ISI-73880-A	W-3LSD	Elbow-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT007	GEO	5/1/2003	
101370	Reactor Wtr Cleanup	ISI-73880-A	W-5LSD	Elbow-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT008	NRI	5/1/2003	,
102057	Recirc Manifold A	ISI-97005-B	W-27 LS U&D	Reducer-to-Pipe	R-A(M)	R1.20	PEI-02.03.02	UT	2003UT009	NRI	5/2/2003	·
102059	Recirc Manifold A	ISI-97005-B	W-29 LS U&D	Elbow-to-Pipe	R-A(M)	R1.20	PEI-02.03.02	UT	2003UT010	NRI	5/2/2003	
102060	Recirc Manifold A	ISI-97005-B	W-30 LS U	Pipe-to-Pipe	R-A(M)	R1.20	PEI-02.03.02	UT	2003UT011	NRI	5/2/2003	
102203	RHR Equalizer	ISI-97027-A	W- 6	Pipe-to-Elbow	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT003	NRI	4/30/2003	
101871	RHR Return A	ISI-97003-A	W-12	Pipe-to-Elbow	R-A(H)	R1.11	PEI-02.03,01	UT	2003UT005	NRI	4/30/2003	
101872	RHR Return A	ISI-97003-A	W-13	Elbow-to-Pipe	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT004	NRI	4/30/2003	
101954	RHR Return B	ISI-97004-A	W-15	Pipe-to-Elbow	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT001	GEO	4/30/2003	
101955	RHR Return B	ISI-97004-A	W-16	Elbow-to-Pipe	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT002	GEO	4/30/2003	

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Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

NIA

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
iass 2 (page	es 5-7)					;						
100179	RHR Discharge B	ISI-13142-18-A	H- 9	Dbl Spring / 4 Lugs	C-C	C3.20	PEI-02.02.01	MT	2003MT002	NRI	5/4/2003	
100885	HPCI Water Side Dsch	ISI-13142-40-A	H-11	Rod / Clamp	F-A	F1.20a	PEI-02,05.02	Vī	2003VT047	NRI	5/5/2003	
101712	CRD Scram Header A	ISI-93268-1A	H-11	Rod / Clamp	F-A	F1.20a	PEI-02.05.02	Vī	2003VT005	NRI	4/27/2003	
106832	Core Spray B Discharge	ISI-13142-26-C	H-3	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	Vτ	2003VT025	NRI	5/1/2003	·
106836	Core Spray B Discharge	ISI-13142-26-C	H-7	Seismic Restraint	F-A	F1.20a	PEI-02.05.02	Vī	2003VT036	NRI		Minor baseplate gap, see CR 0300207 for acceptability
106896	RHR SERVICE WATER	ISI-13142-48-A	H-2	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	VT	2003VT154	NRI	5/17/2003	Re-exam after tightening nut per WO 0308438.
	}						PEI-02.05.02	VT	2003VT101	RI	5/11/2003	Loose nut, see CR 03005291.
106913	RHR SERVICE WATER	ISI-13142-48-B	H-4	Seismic Restraint	F-A	F1.20a	PEI-02.05.02	Vī	2003VT050	NRI	5/6/2003	
106916	RHR SERVICE WATER	ISI-13142-48-B	H-7	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	Vī	2003VT102	RI	5/11/2003	Dwg discrepancy, weld not all around angle iron as drawn, see CR 03005306 for acceptability.
106990	Fuel Pool Emergency Cooling	ISI-13142-67	H-1	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	Vr	2003VT004	NRI	4/26/2003	Minor baseplate gaps, see CR 03004361 for acceptability.
100057	RHR Suction A	ISI-13142-17-A	H- 2	Slide / Clamp	F-A	F1.20b	PEI-02.05.02	Vī	2003VT074	NRI	5/9/2003	
100264	HPCI Steam Disch	ISI-13142-19-A	H- 2	Dbl Snubber / Clamp	F-A	F1.20b	PEI-02.05.02	VT	2003VT076	NRI	5/5/2003	
100784	RHR Discharge A	ISI-13142-37-A	H- 3	Snubber	F-A	F1.20b	PEI-02.05.02	Vī	2003VT130	NRI	5/13/2003	PSI following snubber changeout per WO 0202028.
100916	HPCI Water Side Dsch	ISI-13142-40-B	H- 5	Box Restraint	F-A	F1.20a	PEI-02.05.02	Vī	2003VT146	RI	5/16/2003	Scope Expansion due to indication on ISI-13142-40-B, H-6. Loose nut see CR03005397.
							PEI-02.05.02	Vī	2003VT204	NRI	5/19/2003	Re-exam after tightening loose nut per WO 0308561.

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100919	HPCI Water Side Dsch	ISI-13142-40-B	H- 7	Strut / Clamp	F-A	F1.20b	PEI-02.05.02	Vī	2003VT150	RI	5/16/2003	Scope Expansion due to indication on ISI-13142-40-B, H-6. Loose nut, paint on spherical bearing, minor baseplate gap, see CR03005397.
		·					PEI-02.05.02	Vī	2003VT203	NRI	5/19/2003	Re-exam after rework per WO 0308561.
·							PEI-02.05.02	Vī	2003VT209	NRI	5/21/2003	Re-exam after rework on spherical bearings. Gaps remain, see CR03002071 for acceptability.
100987	HPCI Steam	ISI-13142-42-A	H-11	Snubber / Clamp	F-A	F1.20b	ISI-VT-2.0	Vī	2002VT001	NRI	9/3/2002	Mid-cycle exam
					·	٠.	PEI-02.05.02	Vī	2003VT077	NRI	5/5/2003	
						}	PEI-02.05.02	Vī	2003VT129	NRI	5/13/2003	PSI following snubber changeout per WO 0201024.
101110	RHR Suction B	ISI-13142-49-A	H- 7	Dbl Strut/Dbl Strut	F-A	F1.20b	PEI-02.05.02	VT	2003VT139	NRI	5/11/2003	Spherical bearings exercised with wrench
101113	RHR Suction B	ISI-13142-49-A	H-10	Snubber / Clamp	F-A	F1.20b	PEI-02.05.02	٧ĭ	2003VT035	NRI	5/12/2003	Spherical bearing exercised with wrench.
							PEI-02.05.02	Vī	2003VT128	NRI	5/12/2003	PSI following snubber changeout per WO 0202042
106950	RHR B	ISI-13142-51-C	H-5	Seismic Snubber	F-A	F1.20b	PEI-02.05.02	Vī	2003VT039	NRI	5/4/2003	PSI following snubber changeout per WO 0202049.
107008	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-8	Snubber	F-A	F1.20b	PEI-02.05.02	Vī	2003VT041	NRI	5/5/2003	PSI following snubber changeout per WO 0202030
107575	Containment Spray	ISI-13142-37-B	H- 5	Snubber / Lugs	F-A	F1.20b	PEI-02.05.02	٧ī	2003VT046	NRI	5/5/2003	PSI following snubber changeout per WO 0202031.
107578	HPCI Water Side Dach	ISI-13142-40-B	H- 6	Dbl Strut / 4 Lugs	F-A	F1.20b	PEI-02.05.02	Vī	2003VT081	Ri	5/11/2003	Missing and loose nut, clamp loose, minor baseplate gap, clamp orientation different than drawing, see CR 03005210.
							PEI-02.05.02	Vī	2003VT200	NRI	5/19/2003	Re-exam following rework, clamp orientation still different than drawing, see CR 03005210 for acceptability.
100331	Core Spray A	ISI-13142-20-A	H- 1	Variable Spr / Slide	F-A	F1.20c	PEI-02.05.02	Vī	2003VT201	NRI	5/19/2003	PSI after regrouting
1	1	1 .		_	l _	1	PEI-02.05.02	٧٢	2003VT082	RI	5/11/2003	Cracked grout. See CR03005213
101108	RHR Suction A	ISI-13142-49-A	H- 5	Spring / Clamp	F-A	F1.20c	PEI-02.05.02	۷ī	2003VT085	NRI	5/11/2003	
107569	RHR Discharge B	ISI-13142-18-A	H- 9	Dbl Spring / 4 Lugs	F-A	F1.20c	PEI-02.05.02	Vī	2003VT040	NRI	5/4/2003	

Owner: Xcel Energy, LLC, 800 Nicollet Mall, Minneapolis, MN 55402

Operator: Nuclear Management Company, LLC, 700 First Street, Hudson, WI 54016

Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

Commercial Service Date: 6/30/1971

National Board Number for Unit:

ummary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
101686	HPCI Pumps	ISI-8292-42A	DVS Supp A	DVS Pump Support	F-A	F1.40a	PEI-02.05.02	VT	2003VT067	NRI	5/10/2003	•
101687	HPCI Pumps	ISI-8292-42A	DVS Supp B	DVS Pump Support	F-A	F1.40a	PEI-02.05.02	VΤ	2003VT068	NRI	5/10/2003	
107604	HPCI	ISI-8292-48-A	Turbine Suppt A	HPCI Turbine Support A	F-A	F1.40a	PEI-02.05.02	VT	2003VT069	NRI	5/10/2003	
101013	HPCI Steam	ISI-13142-42-A	W-21	Tee-to-Pipe	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT015	GEO	5/6/2003	
101015	HPCI Steam	ISI-13142-42-A	W-23	Pipe-to-Elbow	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT014	GEO	5/6/2003	•
105006	HPCI Steam	ISI-13142-42-A	W-21A	Pipe-to-Pipe	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT016	NRI	5/6/2003	
105007	HPCI Steam	ISI-13142-42-A	W-21B	Pipe-to-Pipe	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT017	GEO	5/6/2003	
100968	RCIC Water Suction	ISI-13142-41-A	W-19	Pipe-to-Elbow	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT026	NRI	5/11/2003	

Owner: Xcel Energy, LLC, 800 Nicollet Mall, Minneapolis, MN 55402

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Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

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Summary No.	System	ISO Number	Comp ID	Comp Description	Category	ltem	Procedure	Method	Report	Results	Exam Date	Comments
Class 3 (page	e 8)			_	*	•					•	
102767	RHR Service Water	nd-isi-108	SR-106	Stanchion	D-A	D1.20	PEI-02.05.01	۷T	2003VT007	NRI	4/29/2003	
102775	Combustible Gas Ctrl	nd-isi-144	SR-190	Anchor	D-A	D1.20	PEI-02.05.01	· Vī	2003VT053	NRI	5/6/2003	
102291	RHR Service Water	nd-isi-107	SWH-8	Dead Weight Support	F-A	F1.30a	PEI-02.05.02	٧T	2003VT073	NRI	5/9/2003	
102296	RHR Service Water	nd-isi-108	SR-100	Double Rod	F-A	F1.30a	PEI-02.05.02	VΤ	2003VT010	NRI	4/29/2003	
102299	RHR Service Water	nd-isi-108	SR-106	Stanchion	F-A	F1.30b	PEI-02.05.02	VT .	2003VT009	NRI	4/29/2003	
102334	Combustible Gas Ctrl	nd-isi-141	SR-220	Seismic Restraint	F-A	F1.30a	PEI-02.05.02	Vī	2003VT078	NRI	5/11/2003	
102345	Combustible Gas Ctrl	nd-isi-144	SR-190	Anchor	F-A	F1.30b	PEI-02.05.02	VT	2003VT091	NRI	5/6/2003	
102347	Combustible Gas Ctrl	nd-isi-144	SS-211	Snubber	F-A	F1.30b	PEI-02.05.02	Vī	2003VT038	NRI	5/4/2003	PSI following snubber changeout per WO 0202054

Owner: Xcel Energy, LLC, 800 Nicollet Mall, Minneapolis, MN 55402

Operator: Nuclear Management Company, LLC, 700 First Street, Hudson, WI 54016

Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Non Code or F	Plant Requested Exa	ms (page 9)							· · · · · · · · · · · · · · · · · · ·			-
100395	Rx Ves Head Cooling	ISI-13142-20-C	B- 2	Flange Bolts	B-G-2	B7.50	PEI-02.01.01	PΤ	2003PT006	RI	5/10/2003	Plant requesteded exam following flange groove machining. Rounded indication, see CR03005131for acceptability.
100921	HPCI Water Side Dsch	ISI-13142-40-B	H- 8	Strut / Clamp / Box	F-A	F1.20b	PEI-02.05.02	Vī	2003VT153	RI	5/17/2003	Plant requested exam due to gaps & loose nuts on building structure of nearby supports. Baseplate gaps, paint on spherical bearing, see CR 03002071 and CR 03005533.
							PEI-02.05.02	Vī	2003VT209	NRI	5/21/2003	PSI after removing paint from spherical bearings per WO 0308630. Baseplate gaps remain (Reference CR 03002071 for base plate gaps)
100922	HPCI Water Side Dsch	ISI-13142-40-B	H- 9	Dbl Spring / Clamp	F-A	F1.20c	PEI-02.05.02	Vī	2003VT152	NRI	5/17/2003	Plant Requested Exam
101534	MS Condensate Leakoff	ISI-786A	W-12	Pipe-to-Pipe	R-A(L) / HELB	R1.20	Vendor Procedure (MQS)	RT	Vendor Report (MQS)	NRI	5/13/2003	Plant Requested Exam for HELB
105009	RCIC Feedwater	NC-ISI-37	W- 1	Pipe-to-Pipe	HELB	NCR95-068	PEI-02.03.01	UT	2003UT020	GEO	5/8/2003	Non-code exam
105010	RCIC Feedwater	NC-ISI-37	. W- 2	Pipe-to-Tee	HELB	NCR95-068	PEI-02.03.01	UT	2003UT021	GEO	5/8/2003	Non-code exam
105011	RCIC Feedwater	NC-ISI-37	W-3	Tee-to-Pipe	HELB	NCR95-068	PEI-02.03.01	UT	2003UT022	GEO	5/8/2003	Non-code exam
105012	RCIC Feedwater	NC-ISI-37	W- 4	Tee-to-Elbow	HELB	NCR95-068	PEI-02.03.01	UT	2003UT023	NRI	5/8/2003	Non-code exam
105013	RCIC Feedwater	NC-ISI-37	W-12	Pipe-to-Pipe	HELB	NCR95-068	PEI-02.03.01	UT	2003UT024	GEO	5/8/2003	Non-code exam
105014	RCIC Feedwater	NC-ISI-37	W-12A	Pipe-to-Tee	HELB	NCR95-068	PEI-02.03.01	UT	2003UT025	GEO	5/8/2003	Non-code exam
105016	CRD TO RWCU	NC-ISI-51	W-11	Pipe-to-Tee	HELB	NCR95-068	ISI-UT-16	UT	2003UT018	GEO	5/3/2003	Non-code exam
_	L				<u> </u>		,PEI-02.01.01	PT	2003PT001	NRI	5/3/2003	Non-code exam
105017	CRD TO RWCU	NC-ISI-51	W-12	Pipe-to-Tee	HELB	NCR95-068		UT	2003UT012	NRI	5/3/2003	Non-code exam
			L				PEI-02.01.01	PT	2003PT002	NRI	5/3/2003	Non-code exam
105018	CRD TO RWCU	NC-ISI-51	W-13	Tee-to-Pipe	HELB	NCR95-068		PT	2003PT003	NRI	5/3/2003	Non-code exam
	1 ' '	l .	,	,	1		ISI-UT-16	UT	2003UT013	NRI .	5/3/2003	Non-code exam

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APPENDIX B

Class 1, 2, and 3 Examinations

(sorted by Class and Summary Number)

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Owner: Xcel Energy, LLC, 800 Nicollet Mall, Minneapolis, MN 55402

Operator: Nuclear Management Company, LLC, 700 First Street, Hudson, WI 54016

Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit: N/

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	item	Procedure	Method	Report	Results	Exam Date	Comments
Class 1 (pages	s 1-4)							•	,			
100395	Rx Ves Head Cooling	ISI-13142-20-C	B- 2	Flange Bolts	B-G-2	B7.50	PEI-02.05.01	VT	2003VT070	RI		VT following flange groove machining. Rounded Indication — see CR03005131 for acceptability.
1							PEI-02.05.01	VT	2003VT056	NRI	5/8/2003	
100498	Core Spray A	ISI-13142-31-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	VT	2003VT142	NRI	5/15/2003	VT of internals following disassembly
100566	Main Steam A	ISI-13142-33-A	B- 1	Flange Bolts @ W-12	B-G-2	B7.50	PEI-02.05.01	VT	2003VT049	NRI	5/5/2003	In place, under tension
100568	Main Steam A	ISI-13142-33-A	B- 3	Flange Bolts @ W-16	B-G-2	B7.50	PEI-02.05,01	VT .	2003VT048	NRI	5/5/2003	In place, under tension
100572	Main Steam A	ISI-13142-33-A	B- 7	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT206	RI	5/19/2003	galled/damaged threads, damaged stud hole. See CR03005547.
			· •			•	PEI-02.05.01	VΤ	2003VT208	RI	5/20/2003	Examined additional stud holes, see CR03005547 for acceptability.
				1			PEI-02.05.01	VT	2003VT202	NRI	5/20/2003	PSI of replacement studs and nuts.
100575	Main Steam A	ISI-13142-33-A	B-10	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	VT	2003VT022	NRI	5/2/2003	PSI of 6 replacement bolts and nuts.
100576	Main Steam A	ISI-13142-33-A	H- 1	Dbl Spring / 4 Lugs	B-K	B10.20	PEI-02.02.01	MT	2003MT001	NRI	5/2/2003	·
100579	Main Steam A	ISI-13142-33-A	H- 3	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT015	NRI	5/1/2003	PSI following snubber changeout per WO 0202041
100587	Main Steam A	ISI-13142-33-A	V- 3	Valve int Surfaces	B-M-2	B12.50	PEI-02.05.04	VT	2003VT205	NRI	5/19/2003	
100621	Main Steam B	ISI-13142-34-A	B- 1	Flange Bolts @ W-13	B-G-2	B7.50	PEI-02.05.01	VT	2003VT044	NRI	5/5/2003	In place, under tension
100623	Main Steam B	ISI-13142-34-A	B- 3	Flange Bolts @ W-16	B-G-2	87.50	PEI-02.05.01	Vī	2003VT045	NRI	5/5/2003	In place, under tension.
100626	Main Steam B	ISI-13142-34-A	B- 6	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT071	NRI	5/8/2003	PSI on 6 nuts for topworks actuator per WO 0201000.
100629	Main Steam B	ISI-13142-34-A	B- 7	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT072	NRI	5/8/2003	PSI on 6 bolts and nuts for topworks actuator per WO 0200991.
100632	Main Steam B	ISI-13142-34-A	H- 3	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT086	RI	5/10/2003	2nd PSI per IWF-2210(b). Spherical bearing unstaked ~1/8", see CR 03005260 for acceptability.
100635	Main Steam B	ISI-13142-34-A	V- 1	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	2002VT002	NRI	12/12/2002	PSI of replacement disc per WO 0201002.
			<u> </u>			<u></u>	PEI-02.05.04	Vī	2003VT026	NRI	5/2/2003	VT of internals following disassembly
100636	Main Steam B	ISI-13142-34-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	Vī	2003VT024	NRI	5/2/2003	VT of internals following disassembly
100673	Main Steam C	ISI-13142-35-A	B- 2	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT075	RI	5/9/2003	Damaged / missing threads in vacated stud holes. See CR 03005214
					1	1	PEI-02.05.01	٧٢	2003VT063	NRI	5/5/2003	PSI of 20 replacement studs and nuts

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

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Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
100675	Main Steam C	ISI-13142-35-A	B- 4	Flange Boits @ W-18	B-G-2	B7.50	PEI-02.05.01	VĪ	2003VT021	NRI	5/1/2003	In place, under tension
100676	Main Steam C	ISI-13142-35-A	B- 5	Flange Bolts @ W-14	B-G-2	B7.50	PEI-02.05.01	VT	2003VT020	NRI	5/1/2003	In place, under tension
100690	Main Steam C	ISI-13142-35-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	· Vī	2003VT064	NRI	5/10/2003	PSI of replacement disc.
·							PEI-02.05.04	VΪ	2003VT037	NRI	5/4/2003	VT of internals following disassembly. No change to prior indications on guide way and seal surface.
100714	Main Steam C	ISI-13142-35-A	W-24	Pipe-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT006	NRI	5/1/2003	
100725	Main Steam D	ISI-13142-36-A	B- 1	Flange Bolts @ W-13	B-G-2	B7.50	PEI-02.05.01	VĪ	2003VT033	NRI	5/2/2003	In place, under tension
100727	Main Steam D	ISI-13142-38-A	B- 3	Flange Bolts @ W-17	B-G-2	B7.50	PEI-02.05.01	۷Ť	2003VT032	NRI	5/2/2003	In place, under tension
100737	Main Steam D	ISI-13142-36-A	H- 2	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT017	NRI	5/1/2003	PSI following snubber changeout per WO 0202029.
100741	Main Steam D	ISI-13142-36-A	H- 6	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT079	NRI	5/9/2003	2nd PSI per IWF-2210(b)
100781	Main Steam D	ISI-13142-36-A	W-35	Pipe-to-Valve	R-A(L)	R1.20	PEI-02.03.01	UT	2003UT019	NRI	5/8/2003	Single-sided exam, >90% Coverage.
100974	HPCI Steam	ISI-13142-42-A	B- 2	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT140	NRI	5/8/2003	PSI on replacement bolting, 5 studs, 2 nuls
101041	RCIC Steam	ISI-13142-43-A	H- 1	Variable Spring	F-A	F1.10c	PEI-02.05.02	Vī	2003VT013	NRI	4/30/2003	
101206	Feedwater	ISI-13142-52-A	V- 3	Valve Int Surfaces	B-M-2	B12.50	PEI-02.05.04	VT	2003VT090	NRI	5/10/2003	VT of internals following disassembly
101368	Reactor Witr Cleanup	ISI-73880-A	W-3LSD	Elbow-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT007	GEO	5/1/2003	
101370	Reactor Wir Cleanup	ISI-73880-A	W-5LSD	Elbow-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT008	NRI	5/1/2003	
101491	Head Vent	ISI-782A-A	B- 1	Flange Boits	B-G-2	87.50	PEI-02.05.01	VŤ	2003VT104	NRI	5/10/2003	PSI of replacement studs and nuts.
101492	Head Vent	ISI-782A-A	B- 2	Flange Bolts	B-G-2	B7.50	PEI-02.05.01	VT	2003VT141	NRI	5/15/2003	PSI of replacement studs and nuts.
101520	MS Condensate Lkoff	ISI-786A	H- 1	Box Support	F-A	F1.10a	PEI-02.05.02	VT	2003VT016	NRI 	5/1/2003	2nd PSI per IWF-2210(b)
101535	MS Condensate Lkoff	ISI-786A	W-13	Pipe-to-Elbow	R-A(L)	R1.20	PEI-02.02.01	MT	2003MT005	NRI	5/11/2003	PSI of replacement weld per Mod 01Q110.
101536	MS Condensate Lkoff	ISI-786A	W-14	Elbow-to-Valve	R-A(L)	R1.20	PEI-02.02.01	MT	2003MT004	NRI	5/11/2003	PSI of replacement weld per Mod 01Q110
101849	RHR Return A	ISI-97003-A	B- 2	Vaive Bolts	B-G-2	B7.70	PEI-02.05.01	Vī	2003VT144	NRI	5/15/2003	VT following disassembly.
101855	RHR Return A	ISI-97003-A	H-3	Snubber / Clamp	F-A	F1.10b	PEI-02.05.02	Vī	2003VT103	RI	5/13/2003	PSI following changeout per WO 0202027. Spherical bearings exercised with wrench. Gouges on upper end of piston shaft. See CR 03005256 for acceptability.
101858	RHR Return A	ISI-97003-A	V- 2	Valve Int Surfaces	8-M-2	B12.50	PEI-02.05.04	VT	2003VT143	NRI	5/15/2003	VT of internals following disassembly

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit: N/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
101871	RHR Return A	ISI-97003-A	W-12	Pipe-to-Elbow	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT005	NRI	4/30/2003	
101872	RHR Return A	ISI-97003-A	W-13	Elbow-to-Pipe	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT004	NRI	4/30/2003	
101954	RHR Return B	ISI-97004-A	W-15	Pipe-to-Elbow	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT001	GEO	4/30/2003	
101955	RHR Return B	ISI-97004-A	W-16	Elbow-to-Pipe	R-A(H)	R1.11	PEI-02.03.01	UT	2003UT002	GEO	4/30/2003	
101975	Recirculation A	ISI-97005-A	H-11	Sway Brace	F-A	F1.10c	PEI-02.05.02	VT	2003VT023	NRI	5/1/2003	
101988	Recirculation A	ISI-97005-A	H- 9	Selsmic Restraint	F-A	F1.10a	PEI-02.05.02	VT	2003VT059	NRI	5/7/2003	Scope Expension due to indication on ISI-97005A, H-10.
101989	Recirculation A	ISI-97005-A	H-10	Dbl Spring / 4 Lugs	В-К	B10.20	PEI-02.01.01	PT	2003PT004	NRI	5/4/2003	
101991	Recirculation A	ISI-97005-A	H-12 ✓	Seismic Restraint	F-A	F1.10a	PEI-02.05.02	,VT	2003VT060	NRI .	5/7/2003	Scope Expansion due to indication on ISI-97005A, H10.
102057	Recirc Manifold A	ISI-97005-B	W-27 LS U&D	Reducer-to-Pipe	R-A(M)	R1.20	PEI-02.03.02	UT	2003UT009	NRI	5/2/2003	
102059	Recirc Manifold A	ISI-97005-B	W-29 LS U&D	Elbow-to-Pipe	R-A(M)	R1.20	PEI-02.03.02	UT	2003UT010	NRI	5/2/2003	
102060	Recirc Manifold A	ISI-97005-B	W-30 LS U	Pipe-to-Pipe	R-A(M)	R1.20	PEI-02.03.02	UT	2003UT011	NRI	5/2/2003	
102077	Recirculation B	ISI-97006-A	B- 3°	Flange Bolts @ W-16	B-G-2	B7.50	PEI-02.05.01	VT	2003VT029	NRI	5/2/2003	In place, under tension
102081	Recirculation B	ISI-97006-A	H- 3	Dbl Spring / 4 Lugs	B-K	B10.20	PEI-02.01.01	PT	2003PT005	NRI	5/4/2003	
102085	Recirculation B	ISI-97006-A	H- 4	Restraint	F-A	F1.10a	PEI-02.05.02	٧T	2003VT030	NRI	5/2/2003	
102099	Recirculation B	ISI-97006-A	P200-B	Pump	B-L-2	B12.20	PEI-02.05.02	VT	2003VT011	NRI	4/29/2003	PSI of replacement stuffing box cover per WO 0203827
102203	RHR Equalizer	ISI-97027-A	W- 6	Pipe-to-Elbow	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT003	NRI	4/30/2003	
102426	CRD Housings	ISI Fig 2	10-23B	CRD Housing Bolts	B-G-2	B7.80 & GE SIL483	PEI-02.05.01	· Vī	2003VT003	NRI	4/24/2003	PSI of replacement bolts (176)
105023	Head Vent	ISI-782A-A	H-1	Hanger	F-A	F1.10b	PEI-02.05.02	VT	2003VT147	NRI	5/16/2003	2nd PSI per IWF-2210(b)
105024	Head Vent	ISI-782A-A	H-2	Spring / Clamp	F-A	F1.10c	PEI-02.05.02	VŤ	2003VT149	NRI	5/16/2003	2nd PSI per IWF-2210(b)
105025	Head Vent	ISI-782A-A	H-3	Hanger	F-A	F1.10b	PEI-02.05.02	VT	2003VT148	NRI	5/16/2003	2nd PSI per IWF-2210(b)
107183	Recirculation A	ISI-97005-A	P200-A	, Pump	B-L-2	B12.20	PEI-02.05.02	Vī	2003VT012	NRI	4/29/2003	PSI of replacement stuffing box cover per WO 0203827.
107511	Main Steam A	ISI-13142-33-A	H- 1	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	٧T	2003VT034	NRI	5/2/2003	
107513	Main Steam B	ISI-13142-34-A	H- 1	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	VT	2003VT014	NRI	4/30/2003	
107516	Main Steam C	ISI-13142-35-A	H- 5	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	VT	2003VT207	NRI	5/19/2003	PSI on clamp after work and welding per WO 0308559, see CR 03005538.
107524	Recirculation A	ISI-97005-A	H- 2	, Dbl Spring / 4 Lugs	F-A	F1.1ợc	PEI-02.05.02	Vī	2003VT085	RI	5/7/2003	Examined for scope expansion due to indication on ISI-97005, H-10. Indication on anti-rotational lugs, see CR 03004957 for acceptability.

Owner: Xcel Energy, LLC, 800 Nicollet Mall, Minneapolis, MN 55402

Operator: Nuclear Management Company, LLC, 700 First Street, Hudson, WI 54018

Plant: Monticello Nuclear Generating Plant, Unit 1, 2807 West County Rd #75, Monticello, MN 55362

Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	ltem	Procedure	Method	Report	Results	Exam Date	Comments
107526	Recirculation A	ISI-97005-A	H- 6	Clevis / Lugs	F-A	F1.10a	PEI-02.05.02	VT .	2003VT006	NRI	4/29/2003	
107527	Recirculation A	ISI-97005-A	H- 7	Double Spring	F-A	F1.10c	PEI-02.05.02	٧T	2003VT062	NRI	5/7/2003	Examined for scope expansion due to indication on ISI-97005A, H-10.
107529	Recirculation A	ISI-97005-A	H-10	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	. VT	2003VT028	RI	5/1/2003	Indications on anti-rotation lug welds, thread damage on rods, see CR 03004680 and 03005292 for acceptability.
107533	Recirc Manifold A	ISI-97005-B	H-12	Snubber / Lugs	F-A	F1.10b	PEI-02.05.02	VT	2003VT087	NRI	5/10/2003	2nd PSI per IWF-2210(b)
107537	Recirc Pump A	ISI-97005-C	H- 4	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	Vī	2003VT051	NRI	5/6/2003	PSI following snubber changeout per WO 0202043
107543	Recirculation B	ISI-97006-A	H- 3	Dbl Spring / 4 Lugs	F-A	F1.10c	PEI-02.05.02	Vī	2003VT042	NRI	5/4/2003	
107546	Recirculation B	ISI-97008-A	H-7	Dbl Spring / Lugs	F-A	F1.10c	PEI-02.05.02	VT	2003VT031	NRI	5/2/2003	
107548	Recirculation B	ISI-97008-A	H-10	Dbl Spring	F-A	F1.10c	PEI-02.05.02	Vī	2003VT055	RI	5/8/2003	Examined for scope expansion due to indication on ISI-97005A, H-10. Indication on anti-rotational lug welds. See CR 03004880 for acceptability.
107549	Recirc Manifold B	ISI-97006-B	H- 2	Snubber / Lugs	F-A	F1.10b	PEI-02.05.02	VT	2003VT083	NRI	5/10/2003	PSI following snubber changeout per WO 0202036.
107552	Recirc Manifold B	ISI-97006-B	H-12	Snubber	F-A	F1.10b	PEI-02.05.02	Vī	2003VT108	NRI	5/6/2003	2003VT108 is a duplicate report for this component.
							PEI-02.05.02	Vī.	2003VT066	NRI	5/6/2003	PSI following snubber changeout per WO 0202045.
107555	Recirc Pump B	ISI-97006-C	H- 3	Rod/Clevis Grlp/Lugs	F-A	F1.40a	PEI-02.05.02	VT	2003VT043	NRI	5/5/2003	
107556	Recirc Pump B	ISI-97006-C	H- 4	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	Vī	2003VT018	NRI	5/1/2003	
			ļ				PEI-02.05.02	Vī	2003VT061	NRI	5/7/2003	
107557	Recirc Pump B	ISI-97006-C	H- 5	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	Vī	2003VT080	NRI	5/7/2003	PSI following snubber changeout per WO 0202047.
							PEI-02.05.02	Vī	2003VT019	NRI	5/1/2003	2nd PSI per IWF-2110(b).
107558	Recirc Pump B	ISI-97006-C	H- 6	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02		2003VT084	NRI	5/10/2003	2nd PSI per IWF-2110(b)
107560	Recirc Pump B	ISI-97006-C	H- 8	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	Vī	2003VT027	NRI	5/2/2003	PSI following snubber changeout per WO 0202046.
107561	Recirc Pump B	ISI-97006-C	H- 9	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT	2003VT058	NRI	5/9/2003	2nd PSI per IWF-2110(b).

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Owner Certificate of Authorization (If Req.):

Commercial Service Date: 6/30/1971

ational	Roard	Number	for Unit	N/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Class 2 (page	es 5-7)		-									
100057	RHR Suction A	ISI-13142-17-A	H- 2	Slide / Clamp	F-A	F1.20b	PEI-02.05.02	VT	2003VT074	NRI	5/9/2003	
100179	RHR Discharge B	ISI-13142-18-A	H- 9	Dbl Spring / 4 Lugs	C-C	C3.20	PEI-02.02.01	MT	2003MT002	NRI	5/4/2003	
100264	HPCI Steam Disch	ISI-13142-19-A	H- 2	Dbl Snubber / Clamp	F-A	F1.20b	PEI-02.05.02	· Vī	2003VT076	NRI	5/5/2003	
100331	Core Spray A	ISI-13142-20-A	H- 1	Variable Spr / Slide	F-A	F1.20c	PEI-02.05.02	Vī	2003VT201	NRI	5/19/2003	PSI after regrouting
							PEI-02.05.02	VT	2003VT082	RI	5/11/2003	Cracked grout. See CR03005213
100784	RHR Discharge A	ISI-13142-37-A	H- 3	Snubber	F-A	F1.20b	PEI-02.05.02	VT	2003VT130	NRI	5/13/2003	PSI following snubber changeout per WO 0202028.
100885	HPCI Water Side Dsch	ISI-13142-40-A	H-11	Rod / Clamp	F-A	F1.20a	PEI-02.05.02	VT	2003VT047	NRI	5/5/2003	
100916	HPCI Water Side Dsch	ISI-13142-40-B	H- 5	Box Restraint	F-A	F1.20a	PEI-02.05.02	Vī	2003VT146	RI	5/16/2003	Scope Expansion due to indication on ISI-13142-40-B, H-6. Loose nut see CR03005397.
)	}			PEI-02.05.02	Vī	2003VT204	NRI	5/19/2003	Re-exam after tightening loose nut per WO 0308561.
100919	HPCI Water Side Dsch	ISI-13142-40-B	H- 7	Strut / Clamp	F-A	F1.20b	PEI-02.05.02	Vī	2003VT150	RI	5/16/2003	Scope Expansion due to indication on ISI-13142-40-B, H-6. Loose nut, paint on spherical bearing, minor baseplate gap, see CR03005397.
							PEI-02.05.02	VI	2003VT203	NRI	5/19/2003	Re-exam after rework per WO 0308561.
							PEI-02.05.02	Vī	2003VT209	NRI	5/21/2003	Re-exam after rework on spherical bearings. Gaps remain, see CR03002071 for acceptability.
100968	RCIC Water Suction	ISI-13142-41-A	W-19	Pipe-to-Elbow	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT026	NRI	5/11/2003	
100987	HPCI Steam	ISI-13142-42-A	H-11	Snubber / Clamp	F-A	F1.20b	ISI-VT-2.0	VT	2002VT001	NRI	9/3/2002	Mid-cycle exam
				İ]		PEI-02.05.02	VT	2003VT077	NRI	5/5/2003	T
							PEI-02.05.02	·Vī	2003VT129	NRI	5/13/2003	PSI following snubber changeout per WO 0201024.
101013	HPCI Steam	ISI-13142-42-A	W-21	Tee-to-Pipe	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT015	GEO	5/6/2003	
101015	HPCI Steam	ISI-13142-42-A	W-23	Pipe-to-Elbow	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT014	GEO	5/8/2003	
101108	RHR Suction A	ISI-13142-49-A	H- 5	Spring / Clamp	F-A	F1.20c	PEI-02.05.02	٧T	2003VT085	NRI	5/11/2003	
101110	RHR Suction B	ISI-13142-49-A	H- 7	Dbl Strut/Dbl Strut	F-A	F1.20b	PEI-02.05.02	VT.	2003VT139	NRI	5/11/2003	Spherical bearings exercised with wrench

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	ltem	Procedure	Method	Report	Results	Exam Date	Comments
101113	RHR Suction B	ISI-13142-49-A	H-10	Snubber / Clamp	F-A	F1.20b	PEI-02.05.02	VΤ	2003VT035	NRI	5/12/2003	Spherical bearing exercised with wrench.
				:			PEI-02.05.02	٧٢	2003VT128	NRI	5/12/2003	PSI following snubber changeout per WO 0202042
101686	HPCI Pumps	ISI-8292-42A	DVS Supp A	DVS Pump Support	F-A	F1.40a	PEI-02.05.02	Vτ	2003VT067	NRI	5/10/2003	
101687	HPCI Pumps	ISI-8292-42A	DVS Supp B	DVS Pump Support	F-A	F1.40a	PEI-02.05.02	٧٢	2003VT068	NRI	5/10/2003	
101712	CRD Scram Header A	ISI-93268-1A	H-11	Rod / Clamp	F-A	F1.20a	PEI-02.05.02	Vī	2003VT005	NRI	4/27/2003	
105006	HPCI Steam	ISI-13142-42-A	W-21A	Pipe-to-Pipe	R-A(M)	R1.11	PEI-02.03.01	UT	2003UT016	NRI	5/6/2003	
105007	HPCI Steam	ISI-13142-42-A	W-21B	Pipe-to-Pipe	R-A(M)	R1.11	PEI-02.03.01	ŪT	2003UT017	GEO	5/6/2003	
106832	Core Spray B Discharge	ISI-13142-26-C	H-3	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	VT	2003VT025	NRI .	5/1/2003	
106836	Core Spray B Discharge	ISI-13142-26-C	H-7	Seismic Restraint	F-A	F1.20a	PEI-02.05.02	VT	2003VT036	NRI	5/3/2003	Minor baseplate gap, see CR 03002071 for acceptability
106896	RHR SERVICE WATER	ISI-13142-48-A	H-2	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	Vī	2003VT154	NRI	5/17/2003	Re-exam after tightening nut per WO 0308438.
				•			PEI-02.05.02	VT	2003VT101	RI	5/11/2003	Loose nut, see CR 03005291.
106913	RHR SERVICE WATER	ISI-13142-48-B	H-4	Seismic Restraint	F-A	F1.20a	PEI-02.05.02	VT	2003VT050	NRI	5/6/2003	
106916	RHR SERVICE WATER	ISI-13142-48-B	H-7	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	Vī	2003VT102	RI	5/11/2003	Dwg discrepancy, weld not all around angle Iron as drawn, see CR 03005306 for acceptability.
106950	RHR B	ISI-13142-51-C	H-5	Seismic Snubber	F-A	F1.20b	PEI-02.05.02	VΤ	2003VT039	NRI	5/4/2003	PSI following snubber changeout per WO 0202049.
106990	Fuel Pool Emergency Cooling	ISI-13142-67	H-1	Restraint Hanger	F-A	F1.20a	PEI-02.05.02	۷ĩ	2003VT004	NRI	4/26/2003	Minor baseplate gaps, see CR 03004361 for acceptability.
107008	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-8	Snubber	F-A	F1.20b	PEI-02.05.02	۷Ť	2003VT041	NRI	5/5/2003	PSI following snubber changeout per WO 0202030
107569	RHR Discharge B	ISI-13142-18-A	H- 9	Dbl Spring / 4 Lugs	F-A	F1.20c	PEI-02.05.02	Vī	2003VT040	NRI	5/4/2003	
107575	Containment Spray	ISI-13142-37-8	H- 5	Snubber / Lugs	F-A	F1.20b	PEI-02.05.02	Vī	2003VT046	NRI	5/5/2003	PSI following snubber changeout per WO 0202031.

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
107578	HPCI Water Side Dsch	ISI-13142-40-B	H- 6	Dbl Strut / 4 Lugs	F-A	F1.20b	PEI-02.05.02	٧ī	2003VT081	. RI	 	Missing and loose nut, clamp loose, minor baseplate gap, clamp orientation different than drawing, see CR 03005210.
							PEI-02.05.02	Vī	2003VT200	NRI		Re-exam following rework, clamp orientation still different than drawing, see CR 03005210 for acceptability.
107604	HPCI	ISI-8292-48-A	Turbine Suppt A	HPCI Turbine Support A	F-A	F1.40a	PEI-02.05.02	VT	2003VT069	NRI	5/10/2003	

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Owner Certificate of Authorization (If Req.):

N/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

AI/A

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Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
					٠							
Class 3 (page	e 8)	,									٠	
102291	RHR Service Water	nd-isi-107	SWH-8	Dead Weight Support	F-A	F1.30a	PEI-02.05.02	٧ī	2003VT073	NRI	5/9/2003	
102296	RHR Service Water	nd-isi-108	SR-100	Double Rod	F-A	F1.30a	PEI-02.05.02	VT	2003VT010	NRI	4/29/2003	
102299	RHR Service Water	nd-isi-108	SR-106	Stanchion	F-A	F1.30b	PEI-02.05.02	VT	2003VT009	NRI	4/29/2003	
102334	Combustible Gas Ctrl	nd-isi-141	SR-220	Seismic Restraint	F-A	F1.30a	PEI-02.05.02	VT	2003VT078	NRI	5/11/2003	
102345	Combustible Gas Ctrl	nd-isi-144	SR-190	Anchor	F-A	F1.30b	PEI-02.05.02	Vī	2003VT091	NRI	5/6/2003	
102347	Combustible Gas Ctrl	nd-isi-144	SS-211	Snubber	F-A	F1.30b	PEI-02.05.02	Vī	2003VT038	NRI	B .	PSI following snubber changeout per WO 0202054
102767	RHR Service Water	nd-isi-108	SR-106	Stanchion	D-A	D1.20	PEI-02.05.01	٧٢	2003VT007	NRI	4/29/2003	
102775	Combustible Gas	nd-isi-144	\$R-190	Anchor	D-A	D1.20	PEI-02.05.01	VΤ	2003VT053	NRI	5/6/2003	

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Owner Certificate of Authorization (If Reg.):

LI/A

Commercial Service Date: 6/30/1971

National Board Number for Unit:

AI/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
on Code or P	lant Requested Exar	ns (page 9)										
100395	Rx Ves Head Cooling	ISI-13142-20-C	B- 2	Flange Bolts	B-G-2	B7.50	PEI-02.01.01	PT	2003PT006	ŘI		Plant requested exam following flange groove machining. Rounded Indication see CR03005131 for acceptability.
100921	HPCI Water Side Dsch	ISI-13142-40-B	н- 8	Strut / Clamp / Box	F-A	F1.20b	PEI-02.05.02	Vī	2003VT153	RI		Plant requested exam due to gaps & loose nuts on building structure of nearby supports. Baseplate gaps, pain on spherical bearing, see CR 0300207 and CR 03005533.
							PEI-02.05.02	VT	2003VT209	NRI	5/21/2003	PSI after removing paint from spherical bearings per WO 0308630. Baseplate gaps remain (Reference CR 03002071 for base plate gaps)
100922	HPCI Water Side Dsch	ISI-13142-40-B	H- 9	Dbl Spring / Clamp	F-A	F1.20c	PEI-02.05.02	Vī	2003VT152	NRI	5/17/2003	Plant Requested Exam due to gaps & loose nuts on building structure of nearby supports.
101534	MS Condensate Leakoff	ISI-786A	W-12	Pipe-to-Pipe	R-A(L) / HELB	R1.20	Vendor Procedure (MQS)	RT	Vendor Report (MQS)	NRI	5/13/2003	Plant Requested Exam for HELB
105009	RCIC Feedwater	NC-ISI-37	W- 1	Pipe-to-Pipe	HELB	NCR95-068	PEI-02.03.01	UŤ	2003UT020	GEO	5/8/2003	Non-code exam
105010	RCIC Feedwater	NC-ISI-37	W- 2	Pipe-to-Tee	HELB	NCR95-068	PEI-02.03.01	UT	2003UT021	GEO	5/8/2003	Non-code exam
105011	RCIC Feedwater	NC-ISI-37	W- 3	Tee-to-Pipe	HELB	NCR95-068	PEI-02.03.01	UT	2003UT022	GEO	5/8/2003	Non-code exam
105012	RCIC Feedwater	NC-ISI-37	W- 4	Tee-to-Elbow	HELB	NCR95-068	PEI-02.03.01	UŤ	2003UT023	NRI	5/8/2003	Non-code exam
105013	RCIC Feedwater	NC-ISI-37	W-12	Pipe-to-Pipe	HELB	NCR95-068	PEI-02.03.01	UT	2003UT024	GEO	5/8/2003	Non-code exam
105014	RCIC Feedwater	NC-ISI-37	W-12A	Pipe-to-Tee	HELB	NCR95-068	PEI-02.03.01	UT	2003UT025	GEO	5/8/2003	Non-code exam
105016	CRD TO RWCU	NC-ISI-51	W-11	Pipe-to-Tee	HELB	NCR95-068	ISI-UT-16	UT	2003UT018	GEO	5/3/2003	Non-code exam
				İ			PEI-02.01.01	PT	2003PT001	NRI	5/3/2003	Non-code exam
105017	CRD TO RWCU	NC-ISI-51	W-12	Pipe-to-Tee	HELB	NCR95-068		UT	2003UT012	NRI	5/3/2003	Non-code exam
			<u> </u>		<u> </u>		PEI-02.01.01	PT	2003PT002	NRI	5/3/2003	Non-code exam
105018	CRD TO RWCU	NC-ISI-51	W-13	Tee-to-Pipe	HELB	NCR95-068	PEI-02.01.01	PT	2003PT003	NRI	5/3/2003	Non-code exam
			<u> </u>		<u> </u>	L	ISI-UT-16	UT	2003UT013	NRI	5/3/2003	Non-code exam

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APPENDIX C

Page 1 of 1

System Pressure Test Examinations

Test Number	Title	Test Date
0255-04-IIA-3	RHR Shutdown Cooling Suction Hydrostatic Test	May 23, 2002
0255-06-IIA	HPCI System Pressure Test, Hydrostatic Test	March 7, 2002
0255-08-IIA	RCIC System Pressure Test, Hydrostatic Test	April, 18, 2002
0255-20-IIC-2	Reactor Coolant Pressure Boundary Leakage Test	May 16, 2003

APPENDIX D

Reactor Vessel IVVI Examinations

(5 pages)





Monticello Nuclear Generating Plant 2003 RF20 Refuel Outage In-Vessel Visual Examination Summary Report

1.0 In-Vessel Visual Examination Project Overview:

During the 2003 RFO-21 Monticello Nuclear Generating Plant refueling outage, comprehensive visual examinations of reactor vessel internal components were conducted to ensure the continued integrity of the RPV internals. These examinations were conducted in accordance with Monticello procedure PEI-02.05.05, Revision 0. Additionally, all enhanced visual inspections (EVT-1) were performed per the recommendations set forth in BWRVIP-03. Details of the examinations performed can be found in the individual component data sheets contained in Section 3 of this report. A synopsis of the components examined, the methods utilized, and the examination results are provided below.

1.1 Scope

The following table shows the final scope of In-Vessel Visual Examinations, along with the examination techniques employed:

Component	Scope of Work	Inspection Technique
	Inlet Flange to Barrel Weld (MX-1)	EVT-1
* *	Barrel to Adapter Weld (MX-2)	EVT-1
	Adapter to Flare Weld (MX-4)	EVT-1
Jet Pump Assemblies	Diffuser Collar to Shell Weld (DF-1)	EVT-1
1, 2, 3, 4, & 5	Diffuser Shell to Tail Pipe Weld (DF-2)	EVT-1
	Diffuser Tail Pipe to Adapter Backing Ring Weld (AD-3a)	EVT-1
	Diffuser Adapter to Shroud Support Plate Weld (AD-2)	EVT-1
	Reverification of Cracking in Secondary Riser Brace Lower Leaf to Block Weld (RB-4c) in Leaf	EVT-1
Jet Pump Assembly	Diffuser Shell to Tail Pipe Weld (DF-2)	EVT-1
8	Diffuser Tail Pipe to Adapter Backing Ring Weld (AD-3a)	EVT-1
	Diffuser Adapter to Shroud Support Plate Weld (AD-2)	EVT-1
Jet Pump Assembly 10	Wedge Contact Surface (WD-1)	VT-1





Component	Scope of Work	Inspection.
Jet Pump Assembly 19	Reverification of Cracking indication in Secondary Riser Brace Lower Leaf to Block Weld (RB-4d) in Block Material Above Lower Leaf	EVT-1
	Wedge Contact Surface (WD-1)	VT-1
Jet Pump Assembly 20	Wedge Contact Surface (WD-1)	VT-1
Jet Pump Assemblies 1-20	Beam Transition Areas from Locking Plate to Beam End Ears	EVT-1
·	Riser Elbow to Thermal Sleeve Weld (RS-1)	EVT-1
Jet Pump Risers 30°, 240°, & 330°	Riser Elbow to Riser Pipe Weld (RS-2)	EVT-1
	Riser Pipe to Transition Piece Weld (RS-3)	EVT-1
	Clamp Assemblies on Tee Box Junctions at 90° & 270°	VT-1
Core Spray Headers and Downcomers	Flaw at 90° Tee Box for Crack Extension	EVT-1
Downcomers	Welds P5, P6, P7, P8a, P8b on all 4 Downcomers, and P4a, P4b, P4c, P4d on "C" Downcomer (193°)	EVT-1
Core Spray Spargers (A & D)	Tee Box Cover Plate (S1), Sparger Branch Welds to Tee Box (S2), and Sparger End Caps (S4)	EVT-1
	Mounting Brackets and End Brackets (SB)	VT-1
	Sparger Nozzie Welds (S3a, S3b)	VT-1
Feedwater Sparger	Nozzle at 340° for Lodged Debris	VT-3
Shroud Support Leg Reverification of Crack Indication in Support Leg		EVT-1





Component.	x Scope of Work	Inspection Technique
	CRGT-1 Guide Tube Sleeve to Alignment Lug	VT-3
	FS/GT - ARPIN-1 Guide Tube & Fuel Support Alignment Pin and Pin to Core Plate Weld	VT-3
Guide Tubes at Cell Locations 30-11, 26-11,	CRGT-2 Guide Tube Body to Sleeve Weld	EVT-1
26-27, 26-07, 30-07, & 10-15	CRGT-3 Guide Tube Base to Body Weld	EVT-1
	General Area of Top Guide, Core Plate, and Guide Tube Interior where CRBs were Removed	VT-3
	Fuel Support Casting Removed from Cell for Guide Tube Inspections	VT-3
Core Support Structure at Cell Locations 6-23,	General Area of Top Guide, Core Plate, and Guide Tube Interior where CRBs were Removed	VT-3
46-19, 46-23, & 38-43	Fuel Support Casting Removed from Cell for CRB Exchange	VT-3
Top Guide Aligner Pins and Socket Assemblies 72° & 162°	Guide Block to Top Guide Support Ring Welds, Aligner Pin to Top Guide Welds, Engagement of Aligner in Block, and Overall Structural Condition	VT-3
Top Guide Hold Down Latches 18° & 198°	General Condition of Hold Down Latch and Verification that it is in the Locked Position	VT-3





1.2 Examination Results

The examinations performed did not reveal any previously unrecorded relevant indications.

The examinations performed did reconfirm previously recorded relevant indications in the following reactor vessel internal components:

- Crack indication in the #8 jet pump secondary riser brace lower leaf to vessel block weld.
- Crack indication in the jet pump #19 secondary riser brace lower leaf to block weld in the block material just above the lower leaf.
- Crack indication in the 90° core spray t-box to header weld in the 80° side header.
- Crack indication in the 210° shroud support leg to shroud support cylinder weld. The
 majority of the indication appears to be contained within the weld material, with the lower tip
 extending into the shroud support leg base material.

A comparison to the previous inspection results was performed for each of these relevant indications. In each case, there was no apparent change from the RFO-20 inspection results.





1.3 Equipment

The equipment used during the Monticello In-Vessel Visual Examinations is as follows:

• Camera Systems

- VIT Cazoom PTZ4 Camera System
 - VIT Cazoom Camera with Pan and Tilt
 - VIT Cazoom CCU
 - VIT Cazoom Twin 35 Watt Light Unit

> RJ Electronics RCS-600 Color Camera System

- RCS 600 Camera
- RJ Cable
- RJ CCU

> REES B&W Camera System

- R93 Camera
- R93 Cable
- R93 CCU

Monitors and Recording Equipment

- > Panasonic BTS901 SVHS Color Monitors
- ➤ Pioneer PRV-9000 DVD Recorders
- > Microphones

• Cleaning Equipment

> 10,000 PSI Hydrolazer Supplied by Monticello with Framatome ANP Supplied Foot Pedal, Wands, and Weights

Underwater Lights and Power Supply

- ➤ UL-210 35w Light
- ➤ UL-210 Cable
- ➤ PS-160 Power Supply
- ➤ Birns 500w Light w/cable
- > Variac

• Support Equipment

- FANP Handling Poles (various lengths)
- > Video Titlemaker 2000 Character Generator
- Various Cables
- > DVD Disks

APPENDIX D

Reactor Vessel IVVI Examinations

(5 pages)





Monticello Nuclear Generating Plant 2003 RF20 Refuel Outage In-Vessel Visual Examination Summary Report

1.0 In-Vessel Visual Examination Project Overview:

During the 2003 RFO-21 Monticello Nuclear Generating Plant refueling outage, comprehensive visual examinations of reactor vessel internal components were conducted to ensure the continued integrity of the RPV internals. These examinations were conducted in accordance with Monticello procedure PEI-02.05.05, Revision 0. Additionally, all enhanced visual inspections (EVT-1) were performed per the recommendations set forth in BWRVIP-03. Details of the examinations performed can be found in the individual component data sheets contained in Section 3 of this report. A synopsis of the components examined, the methods utilized, and the examination results are provided below.

1.1 Scope

The following table shows the final scope of In-Vessel Visual Examinations, along with the examination techniques employed:

Component	Scope of Work	Inspection - Technique
	Inlet Flange to Barrel Weld (MX-1)	EVT-1
	Barrel to Adapter Weld (MX-2)	EVT-1
	Adapter to Flare Weld (MX-4)	EVT-1
Jet Pump Assemblies	Diffuser Collar to Shell Weld (DF-1)	EVT-1
1, 2, 3, 4, & 5	Diffuser Shell to Tail Pipe Weld (DF-2)	EVT-1
	Diffuser Tail Pipe to Adapter Backing Ring Weld (AD-3a)	EVT-1
	Diffuser Adapter to Shroud Support Plate Weld (AD-2)	EVT-1
	Reverification of Cracking in Secondary Riser Brace Lower Leaf to Block Weld (RB-4c) in Leaf	EVT-1
Jet Pump Assembly	Diffuser Shell to Tail Pipe Weld (DF-2)	EVT-1
8	Diffuser Tail Pipe to Adapter Backing Ring Weld (AD-3a)	EVT-1
	Diffuser Adapter to Shroud Support Plate Weld (AD-2)	EVT-1
Jet Pump Assembly 10	Wedge Contact Surface (WD-1)	VT-1





Component	Scope of Work	Inspection :: Technique	
Jet Pump Assembly 19	Reverification of Cracking indication in Secondary Riser Brace Lower Leaf to Block Weld (RB-4d) in Block Material Above Lower Leaf	EVT-1	
	Wedge Contact Surface (WD-1)	VT-1	
Jet Pump Assembly 20	Wedge Contact Surface (WD-1)	VT-1	
Jet Pump Assemblies 1-20	Beam Transition Areas from Locking Plate to Beam End Ears	EVT-1	
·	Riser Elbow to Thermal Sleeve Weld (RS-1)	EVT-1	
Jet Pump Risers 30°, 240°, & 330°	Riser Elbow to Riser Pipe Weld (RS-2)	EVT-1	
	Riser Pipe to Transition Piece Weld (RS-3)	EVT-1	
	Clamp Assemblies on Tee Box Junctions at 90° & 270°	VT-1	
Core Spray Headers and Downcomers	Flaw at 90° Tee Box for Crack Extension	EVT-1	
Downcomers	Welds P5, P6, P7, P8a, P8b on all 4 Downcomers, and P4a, P4b, P4c, P4d on "C" Downcomer (193°)	EVT-1	
Core Spray Spargers (A & D)	Tee Box Cover Plate (S1), Sparger Branch Welds to Tee Box (S2), and Sparger End Caps (S4)	EVT-1	
	Mounting Brackets and End Brackets (SB)	VT-1	
	Sparger Nozzle Welds (S3a, S3b)	VT-1	
Feedwater Sparger	Nozzle at 340° for Lodged Debris	VT-3	
Shroud Support Leg 210°	Reverification of Crack Indication in Support Leg	EVT-1	





Component	Scope of Work	Inspection Technique
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 - R93 Camera
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- Panasonic BTS901 SVHS Color Monitors
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• Cleaning Equipment

➤ 10,000 PSI Hydrolazer Supplied by Monticello with Framatome ANP Supplied Foot Pedal, Wands, and Weights

Underwater Lights and Power Supply

- ➤ UL-210 35w Light
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- ➤ Birns 500w Light w/cable
- > Variac

Support Equipment

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- > Video Titlemaker 2000 Character Generator
- > Various Cables
- DVD Disks

APPENDIX E

Page 1 of 1

Snubber Functional Testing

The following snubbers were tested during Cycle 21 and the 2003 RFO to meet Technical Specifications, ASME Section XI requirements and verification testing as a result of replacement. There are 150 safety related snubbers at Monticello. The snubbers are grouped into two groups: one main group of 149 and second group of 1. Fifteen snubbers from the main group and the single snubber from the second group resulted in 16 snubbers being tested per plant procedure 0251 during the 2003 RFO. No RFO testing failures occurred.

SS-707 was tested during mid cycle per plant procedure 0251 for performance verification as a result of replacement during the 2001 RFO with no failure observed.

No.	Snubber Location	Work Order No.	Snubber Serial No.	Test Results
1	SS-707	02-01023	700	Passed
		(mid-cycle test)		
2	SS-1	02-02029	525	Passed
3	SS-2	02-02041	021 .	Passed
4	RV-25A-NS2	02-02040	019	Passed
5	CRD-H211	02-02024	001A	Passed
· 6	RV-27-N1	02-02035	105	Passed
7	SS-315-1	02-02049	201	Passed
8	RV-25-H1	02-02050	536	Passed
9	RV-26-H3A	02-02033	125	Passed
10	SS-187	02-02030	-202	Passed
11	SS-7BR	02-02045	022	Passed
12	RV-26-H2	02-02051	532	Passed
13	SS-211	02-02054	531	Passed
14	SS-6BR	02-02036	120	Passed
15	SS-345	02-02056	178	Passed
16	SS-18B	02-02072	003	Passed
17	SS-707	02-01024	700	Passed