



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.

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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 III

Approved By:


Supervisor, MIR

ANII:


Hartford Steam Boiler - CT

Report Date: August 8, 2003

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I. Summary

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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)

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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)

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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

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II. Form NIS-1 Information

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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 Management Company, LLC
Address: 800 Nicollet Mall, Mpls, MN 55402 / 700 1st St., Hudson WI 54016
2. Plant: Monticello Nuclear Generating Plant
Address: Monticello, MN 55362
3. Plant Unit: 1 4. Owner (Certificate of Authorization): N/A
5. Commercial Service Date: 6/30/71 6. National Board No. for Unit: N/A

7. Components Inspected:

<u>Component or Appurtenance</u>	<u>Manufacturer or Installer</u>	<u>Manufacturer or Installer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Reactor Pressure Vessel	Chicago Bridge & Iron	B-4697	---	---

(See appendices for components inspected during the cycle)

8. Examination Dates: 12/16/01 to 05/26/03.
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)
11. 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)
12. Abstract of Conditions Noted.
- See appendices A through E (Attached)
13. Abstract of Corrective Measures Recommended and Taken.
- See appendices A through E (Attached)

II. Form NIS-1 Information

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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 Date N/A

Date August 8 20 03 Signed XCEL ENERGY / NMC By T. DeDeane
Owner 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 HARTFORD STEAM BOILER OF CONNECTICUT OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/16/01 to 8/8/03, 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 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.

Kurt A. Rubeli Commissions NB11863 A.N.I. MN 004028-CO
Inspector's Signature National Board, State, Province,
Endorsements

Date AUGUST 8 2003

III. Form NIS-2 Information

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1.0 NIS-2 Summary

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	RHRWS spare pump	Rebuild RHRWS 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	RHRWS Pump #12	Replace RHRWS 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

III. Form NIS-2 Information

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1.0 NIS-2 Summary

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

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1.0 NIS-2 Summary

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

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1.0 NIS-2 Summary

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

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1.0 NIS-2 Summary

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

III. Form NIS-2 Information

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1.0 NIS-2 Summary

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

III. Form NIS-2 Information

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1.0 NIS-2 Summary

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

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III. Form NIS-2 Information

2.0 NIS-2 Forms

NIS-2 Forms

to follow

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WO No. WO #0001618, 0109152, 0202066 ITEM 2001-20-0160

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							Yes	No
<i>Piston Nut</i>	<i>Bergen Patterson</i>	<i>160</i>	<i>N/A</i>	<i>N/A</i>	<i>2003</i>	<i>Replacement</i>		<i>X</i>

MONTICELLO NUCLEAR GENERATING PLANT		3613
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		Page 3 of 23 ^{REV} 8/8/03

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 CR 20015711, APR 20015759.

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

TOM JAW, NDE LV/III
Owner or Owner's Designee, Title

Date

8/8, 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 CONNECTICUT and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 6/22/01 to 8/8/03, 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.

Kurt A. Durb...

Inspector's Signature

Commissions

NR 11863 A, N, I MNC04028-CD
National Board, Province and Endorsements

Date

AUGUST 8, 2003

APPROVED (Signatures available in Master File)

Intentionally

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-20-0281

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

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 ^{and} inverting 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 Replacement
conforms to the rules on the ASME Code, Section XI. repair/replacement

Signed [Signature] See XI Coordinator Date 3-4-2002
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HSB of CI have inspected the components described in this Owner's Report during the period 10/2/01 to 3/5/02, 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 or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions 1/8 11867 9.1.1.1 14 N 004028-00
Inspector's Signature National Board, Province and Endorsements

Date MARCH 5 2002

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 om 2.13

ITEM 2001-20-0288

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

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.

Repair

repair/replacement

Signed

Lalit Sehgal See XI coordinated
 Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HSB of CT have inspected the components described in this Owner's Report during the period 10/8/01 to 3/5/02, 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.

Kurt A. Rubelski

Inspector's Signature

Commissions

NB 11863 N.B.I. MN 004028-CO
 National Board, Province and Endorsements

Date

MARCH 5, 2002

APPROVED (Signatures available in Master File)

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ITEM 2001-20-0289

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

No preservice examination, no Pressure testing and no IST were performed.

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

John A. Pankratz See XI coordinator
Owner or Owner's Designee, Title

Date

2-04-

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 MINNESOTA and employed by MSB-CT of EDWARDS have inspected the components described in this Owner's Report during the period 2/4/02 to 7/23/02, 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.

John A. Pankratz

Inspector's Signature

Commissions

LB 11863 A.M.I. MN 004028-CO

National Board, Province and Endorsements

Date

JULY 23

2002

APPROVED (Signatures available in Master File)

The following piping sections will have their temperature ratings changed:

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

MP
2-4-02

Intentionally

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ITEM 2001-20-0290, Rev.1

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.

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ITEM 2001-20-0290, Rev.1

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

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 [Signature] Section XI ISI Coordinator Date July 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 MISSISSIPPI and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected 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 examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11663 AND MN 004028-00
 Inspector's Signature National Board, Province and Endorsements

Date JULY 30, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-20-0291

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

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.

Repair

repair/replacement

Signed

Robert K. Lee XI Coordinated
 Owner or Owner's Designee, Title

Date

3-4-02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER of CT have inspected the components described in this Owner's Report during the period 10/15/01 to 3/5/02, 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.

Kurt A. Roberts

Inspector's Signature

Commissions

NB 11863 N.B.S. MW 004028-00

National Board, Province and Endorsements

Date

MARCH 5, 2002

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-20-0292

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

Specification: NPD-M-38 (The analysis of Piping & Piping Support Systems), 5828-M-53.

Preservice exam performed in accordance with IWB-2200 per the Monticello ISI Program. Pressure

Testing per 0255-20-IIC-2 with invoked Code Case N-416-1

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.

Replacement
repair/replacement

Signed

Tom South, NDE Lvl III
Owner or Owner's Designee, Title

Date

7/28, 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 MISSISSIPPI and employed by HARTFORD STEEL BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 6/18/03 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.

Kurt A. Sullivan
Inspector's Signature

Commissions

NB 11863 A, N, I AN 00402PCU
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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10/31/1

ITEM 2001-20-0298

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

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.

Repair

repair/replacement

Signed

Robert J. Ch

Sec XI Coordinator

Date

3-4

-

2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by NISB of CJ have inspected the components described in this Owner's Report during the period 11/1/01 to 3/5/02, 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.

Kurt A. Rubelski

Inspector's Signature

Commissions

NB 11863 A, N, I MN 4028-CO

National Board, Province and Endorsements

Date

MARCH 5

2002

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

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 4/15/02
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 3
Name

2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0109337 and WO #0202136
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed By Xcel Energy Co. Type Code Symbol Stamp N/A
Company Name Authorization No. N/A
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date N/A
Address

4. Identification of System P-111A, 11 ESW EDG Emergency Service Water

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

Addenda N/A Code Case N/A

(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
<i>P-111A Pump</i>	<i>Johnston Pump</i>	<i>QD-6702</i>	<i>N/A</i>	<i>N/A</i>	<i>1992</i>	<i>Replaced</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>P-111A Pump</i>	<i>Johnston Pump</i>	<i>QD-6703</i>	<i>N/A</i>	<i>N/A</i>	<i>1992</i>	<i>Replacement</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Bolts</i>	<i>Anchor Darling</i>	<i>Ht# 61883</i>	<i>N/A</i>	<i>N/A</i>	<i>2002</i>	<i>Replacement</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Nuts</i>	<i>Nova Machine</i>	<i>Ht# B87035</i>	<i>N/A</i>	<i>N/A</i>	<i>2002</i>	<i>Replacement</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replace pump with rebuilt spare and Replace discharge flange bolts and nuts.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 48 psi Test Temp 50.6 °F

APPROVED (Signatures available in Master File)

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3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____				
FOR ADMINISTRATIVE USE ONLY	Resp Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

Replacement
repair/replacement

Signed

Thomas J. Smith Section XI Coordinator
Owner or Owner's Designee, Title

Date

6/10/02

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HSB CT of MARTFORD, CT have inspected the components described in this Owner's Report during the period 6/10/02 to 6/10/02 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.

Kurt A. Dubois

Inspector's Signature

Commissions

WB 1863 A, N, I AN 00-4028-00

National Board, Province and Endorsements

Date

JUNE 10

2002

APPROVED (Signatures available in Master File)

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ITEM 2002-21-0339

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 performed at installation under a different work order

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
repair/replacement

Signed [Signature], Section XI ISI Coordinator Date July 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/20/02 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.

[Signature] Commissions NB 11563 A, N.J. MN 00402P-CO
Inspector's Signature National Board, Province and Endorsements

Date JULY 28, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

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 01/26/2002
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200325, 0200328
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA
Company Name
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Authorization No. NA
Address Expiration Date NA
- Identification of System E758A-3-2 Flowserve Valve, Class 1
- (a) Applicable Construction Code ASME Section III , 1989 Edition
Addenda NA Code Case NA
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
- 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	ASME Code Stamped	
							YES	NO
MO-2076 Disc	Anchor Darling	7(Assembly)	NA	NA	2001	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MO-2076, Disc	Anchor Darling	9(Assembly)	NA	NA	2002	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replacement of MO-2076 valve disc assembly.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure 1000 psi Test Temp NA °F

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 - 311103

ITEM 2002-20-0340

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

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 (WO 0200328) . System Inservice pressure 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.

Replacement-
repair/replacement

Signed

Robert L. Lee

See X Coordinator

Date

1-31

2002

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HSB CT of LIART FULV, CT have inspected the components described in this Owner's Report during the period 1/16/02 to 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Lulala

Inspector's Signature

Commissions

NB 11663 A, N, I MH 004028-00
National Board, Province and Endorsements

Date

JANUARY 31

2002

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2002-21-0343

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 7/17/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202156
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System P-111B, EDG-ESW Pump Class 3
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda N/A Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
- 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	ASME Code Stamped	
							YES	NO
8 Studs	unknown	N/A	N/A	N/A	unkwn	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Studs	Nova	N/A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Studs	unknown	N/A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16 Nuts	unknown	N/A	N/A	N/A	unkwn	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16 Nuts	Dubose	N/A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Description of Work Replace flange bolting
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 - 7/17

ITEM 2002-21-0343

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

SA-193, gr B7 stud bolts w/ A-194 gr 2H nuts will replace the currently installed 3/4" stud bolts and nuts. The replacement studs and 2H nuts are of known material of equal or greater strength than the currently installed studbolts 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.

replacement
repair/replacement

Signed

Tom J. Jones, NDE L-1 III
Owner or Owner's Designee, Title

Date

7/17, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/17/02 to 7/17/03, 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.

Kurt A. Dauterle
Inspector's Signature

Commissions

NB 11862, I, N, I MN 204028-00
National Board, Province and Endorsements

Date

July 17, 2003

APPROVED (Signatures available in Master File)

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

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 [Signature], Section XI ISI Coordinator Date July 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 HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/21/02 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.

[Signature] Commissions NB 11863 A, N, E MV 004028-CU
Inspector's Signature National Board, Province and Endorsements
Date JULY 29, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision <u>4</u> <u>2</u> <u>250</u> <u>72803</u>
		Page <u>3</u> 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.

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 [Signature] Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date July 28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER & F. CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/31/02 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.

[Signature]
Inspector's Signature

Commissions NB 11863 A, NJ MN 004028-CO
National Board, Province and Endorsements

Date JULY 28, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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		Page 2 of 24 <i>actual</i>

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____				
FOR ADMINISTRATIVE USE ONLY	Resp Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

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

Replacement
repair/replacement

Signed

Tom Ladd Section XI Coordinator
Owner or Owner's Designee, Title

Date

Aug 9, 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 MAINE and employed by HSD-CT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/5/02 to 8/9/02, 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Raluy
Inspector's Signature

Commissions

NB 11863 A.N.I. MW 004028-CO
National Board, Province and Endorsements

Date

AUGUST 9, 2002

APPROVED (Signatures available in Master File)

NIS-2 Item # 2002-21-0351

Page 4 of 7

Line Number (from - to)	Current Temp (°F)	New Temp (°F)	P&ID	System	Line 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)	195	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 mistake on the line designation table that is being corrected

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

Repaired
repair/replacement

Signed

TOM JONES, NOE LV1 III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/16/03 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.

Kurt A. Ruben
Inspector's Signature

Commissions NB 11863 A, N, I MN 004028-00
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

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 7/30/03
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0204516
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System AO-2541B, Drywell Flr Dm Sump Valve
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter 78 Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
- 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	ASME Code Stamped	
							YES	NO
Bonnet	Henry Vogt	A105NR4816 A54008			1970	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gate	Henry Vogt	410WBD			1970	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet	Henry Vogt	A105NR4816 A54008			1970	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Gate	Henry Vogt	410WBD			1970	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace Valve Bonnet and Gate
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure system psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision <u>4</u> 2001-2003 Page <u>2</u> of 2

ITEM 2002-21-0354

9. Remarks (Applicable Manufacturer's Data Reports to be 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 WO PMT and 0255-16-1A

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 [Signature] Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date July 30, 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 MINNESOTA and employed by HARTFORD STEAMBOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/26/02 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.

[Signature]
Inspector's Signature

Commissions NB 11863 A, N, I M 2004028-CO
National Board, Province and Endorsements

Date JULY 30, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2002-21-0355

9. 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 0255-17-1A-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.

Replacement
repair/replacement

Signed

TOM JONES, NDE LVI III
Owner or Owner's Designee, Title

Date

7/29, 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 MAINE and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/14/02 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.

Kurt A. Rubino
Inspector's Signature

Commissions

ND 11863 A, N, J HN 004028-CD
National Board, Province and Endorsements

Date

JULY 29, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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29ms 7/1/03

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.

Replacement
repair/replacement

Signed

Tom Janta, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/28/02 to 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.

Kurt A. Rulick
Inspector's Signature

Commissions

NB 11863 A, NJS MN 004028-CD
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Spare - 3 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda None Code Case N/A
(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Cylinder	Bergen Patterson	004A	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cylinder	Bergen Patterson	004A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace cylinder tube (part #7)
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 am 7, 2003

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.

Replacement
repair/replacement

Signed

Tom J. Smith, NDE LV III
Owner or Owner's Designee, Title

Date

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 CONNECTICUT and employed by HARTFORD STEEL BOILER OF CONNECTICUT OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/25/02 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.

Eric A. Dubey
Inspector's Signature

Commissions

NB 11863 A.N.I. MN 004028-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 am 7. 3

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.

Replacement
repair/replacement

Signed

Tom Lombardi, NDCLV/II
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/28/02 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.

Tim A. Ralab

Inspector's Signature

Commissions

NP 11863 N.B.I. MN 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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19m 5 2, 703

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.

Replacement
repair/replacement

Signed

Tom J. Jones, ND LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/28/02 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.

Paul A. Ruben

Inspector's Signature

Commissions

NR 11663 A.I.I. MW 004028-00

National Board, Province and Endorsements

Date

JULY 18

2003

APPROVED (Signatures available in Master File)

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

2 am 7/18/03

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.

Replacement
repair/replacement

Signed

Tom Jones, ND ELI III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/28/02 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.

Kurt A. Redick
Inspector's Signature

Commissions

NB 11863, A, N, F, MN 004025-00
National Board, Province and Endorsements

Date

July 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2002-21-0361

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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address
WO #0202066 Repair Organization P.O. No., Job No. etc.
- Work Performed By Xcel Energy Co Type Code Symbol Stamp N/A
Company Name
2807 W. Cty Rd 75, Monticello, MN 55362 Address
Authorization No. N/A
Expiration Date N/A
- Identification of System Spare - 10 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Addenda None Code Case N/A
Year
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
- 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	ASME Code Stamped	
							YES	NO
Cylinder	Bergen Patterson	017	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cylinder	Bergen Patterson	017	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Piston rod& nut	Bergen Patterson	017	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Piston rod& nut	Bergen Patterson	017	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manifold	Bergen Patterson	017	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Description of Work Replacement Manifold, B&P, 017, Not stamped
Replace cylinder tube (part #7), Piston rod and nut and Manifold
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 9th 11, 103

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.

Replacement
repair/replacement

Signed

Tom J. Scola, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/25/02 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.

Kevin A. Dulac
Inspector's Signature

Commissions

NB 11867 A, N.I. MINN 4028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 Aug 7/1/03

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.

Replacement
repair/replacement

Signed

Tom Schaefer, NDE Lvl III
Owner or Owner's Designee, Title

Date

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 CONNECTICUT and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/28/02 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.

Kurt A. Rulenz
Inspector's Signature

Commissions

NB #863 A, N, I NND 004028-C0
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0364

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

This rerate is not in response to a flaw. The rerate (to 575 deg F and 1265 PSIG) is to ensure that all of the CRD lines in the flow path for vessel water during a scram have the same design pressure and temperature. Leakage test was accomplished using vessel system leakage test 0255-20-IIC-2 from 2/18/00. No physical changes have been made as a result of the 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.

Rerate

repair/replacement

Signed

TOM J. ONDA, NDÉLV III
Owner or Owner's Designee, Title

Date

7/30, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/5/02 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.

Kurt A. Nelson

Inspector's Signature

Commissions

NB 11863 A.N.I. MN 004018-CO
National Board, Province and Endorsements

Date

JULY 30, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0365

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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Spare - 10 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 1967 Edition
Year
Addenda None Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
- 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	ASME Code Stamped	
							YES	NO
Cylinder	Bergen Patterson	170	N/A	N/A	1993	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cylinder	Bergen Patterson	170	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace cylinder tube (part #7)
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

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

2 9m 11. 03

ITEM 2002-21-0365

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

Tom Jones, ND ELV III
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/5/02 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.

Kurt A. Dulinski
Inspector's Signature

Commissions NB 11862 A, V, I MINN 4020-CO
National Board, Province and Endorsements

Date JULY 18, 2003

APPROVED (Signatures available in Master File)

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

2 am. 7. 03

ITEM 2002-21-0366

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

Tom Jones, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/5/02 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.

Keith A. Sabelko

Inspector's Signature

Commissions

NA 11863 A, N, I MA 004028-CO
National Board, Province and Endorsements

Date

JULY 18 . 2003

APPROVED (Signatures available in Master File)

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

ITEM 2002-21-0367

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 7/18/2003
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name

2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.

3. Work 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. Identification of System Spare - 10 Kip Snubber

5. (a) Applicable Construction Code ANSI B31.1, 1967 Edition
Year
Addenda None Code Case N/A

(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Cylinder	Bergen Patterson	007	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cylinder	Bergen Patterson	007	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manifold	Bergen Patterson	007	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manifold	Bergen Patterson	007	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replace cylinder tube and manifold

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 am 7.1.03

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.

Replacement
repair/replacement

Signed

Tom Souss, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/6/02 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.

Kurt A. Ruland

Inspector's Signature

Commissions

NA 11863 A.N.I. MN 004028-CO
National Board, Province and Endorsements

Date

July 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0368

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

Tom Long, NDE LV III
Owner or Owner's Designee, Title

Date

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 MISSISSIPPI and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/12/02 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.

Luigi A. Rube
Inspector's Signature

Commissions

UB 11863 N, N, I MN 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 am 7/18/03

ITEM 2002-21-0369

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

Tom Sande, NDE Lvl III
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/12/02 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.

Keith A. Rulick
Inspector's Signature

Commissions NB 11863 A, N, I MN 004028-CO
National Board, Province and Endorsements

Date JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 Am 7

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

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

Tom Jones, NDE LV III
Owner or Owner's Designee, Title

Date

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 MONTICELLO and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/12/02 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.

Kurt A. Rulick
Inspector's Signature

Commissions

NA 11863 A, N, I HN 004028-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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		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.

Replacement
repair/replacement

Signed

Tom Long, NDE LVIT
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/12/02 to 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.

Kurt A. Rutledge

Inspector's Signature

Commissions

NB 11867 A, N, I MN 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 am 11/1/03

ITEM 2002-21-0372

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

TON JONES, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/12/02 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.

King A. Rulick

Inspector's Signature

Commissions

NA 11863 A, M, I, M, 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2002-21-0373

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

Tom Jones, NDE LV/II
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/2/02 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.

Kurt A. Sulecki
Inspector's Signature

Commissions

NB 11863 A, N, I MN 004028-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

2 - 7/18/03

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.

Replacement
repair/replacement

Signed

Tom Jones, NDE LVI III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/12/03 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.

Roger A. Dulak
Inspector's Signature

Commissions

NA 11863 A.N.J. MN 004028-CD
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2002-21-0375

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

Tom John, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT 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.

Kent A. Rulick
Inspector's Signature

Commissions

NB 11863 A, N.T. MN 004025-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision <u>4</u> <u>1/30/03</u>
		Page <u>3</u> of 2

ITEM 2002-21-0376

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.

replacement
repair/replacement

Signed [Signature], Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date July 30, 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 MINNESOTA and employed by HARTFORD STEEL BOILER & CONVEYORS of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/20/02 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 requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions NR 11863 ASME MN 004028-00
National Board, Province and Endorsements

Date July 31, 2003

APPROVED (Signatures available in Master File)

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

Replacement
repair/replacement

Signed

Tom Louanne LVI III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Nulley

Inspector's Signature

Commissions

NB 11863 A, N, I MN004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0378

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

Tom Songa, NOELVI III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEEL BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Nalae

Inspector's Signature

Commissions

NR 11863 A, N.E. MN 004025-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0379

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

TOM SORBS, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Ruland
Inspector's Signature

Commissions

NB 11863 A, N, I MN 004025-C0
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2002-21-0380

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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Spare - 20 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda None Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
- 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	ASME Code Stamped	
							YES	NO
Manifold	Bergen Patterson	122	N/A	N/A	1993	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manifold	Bergen Patterson	122	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace manifold
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

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

2 gms (3)

ITEM 2002-21-0380

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

Tom Soule, NDE LV/III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEEL BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Rubini
Inspector's Signature

Commissions

NR 11863 A, N, I MN 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0381

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 7/18/2003
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed By Xcel Energy Co Type Code Symbol Stamp N/A
Company Name
2807 W. Cty Rd 75, Monticello, MN 55362 Authorization No. N/A
Address Expiration Date N/A

4. Identification of System Spare - 20 Kip Snubber

5. (a) Applicable Construction Code ANSI B31.1 1967 Edition
Year
Addenda None Code Case N/A

(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Manifold	Bergen Patterson	123	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manifold	Bergen Patterson	123	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replace manifold

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 Am 7/1/03

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.

Replacement
repair/replacement

Signed

Tom Sowa, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Schubert

Inspector's Signature

Commissions

NB 11867 A, N, S HW 004028-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 am J, 2/03

ITEM 2002-21-0382

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

Tom S. Jones, NDE LVIII
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Rubelsky
Inspector's Signature

Commissions

NB 11863 A.N.I. H.R. 004028-CU
National Board, Province and Endorsements

Date

JULY 18

2003

APPROVED (Signatures available in Master File)

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

Replacement
repair/replacement

Signed

Tom Long, NDE LV III
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/3/02 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.

Kurt A. Rubick
Inspector's Signature

Commissions NB 11863 A, N, I MN 004028-CU
National Board, Province and Endorsements

Date JULY 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2002-21-0384

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

Tom J. Jones, NDE Level III
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/6/02 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.

Keith A. Rutala
Inspector's Signature

Commissions NB 11863 A, N, I MN 004028-CO
National Board, Province and Endorsements

Date July 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2002-21-0385

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

Tom Sandoz, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/12/02 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.

Kurt A. Ruland
Inspector's Signature

Commissions

NB 11863 A, N, I MN 004025-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

2 and 7/11

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 B31.10. 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.

Replacement
repair/replacement

Signed

TOM LOUIS, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/12/02 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.

Kurt A. Bulente
Inspector's Signature

Commissions

NB 11863 API MW 004028-CU
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision <u>4</u> <u>7/31/03</u> Page <u>2</u> 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.

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 T. D. [Signature] Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date July 31, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, 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 examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Kurt A. Dulake
Inspector's Signature

Commissions NB 11863 A, N, I MN 04525-00
National Board, Province and Endorsements

Date JULY 31, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision <u>4</u> <u>2/20/03</u>
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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 replacement conforms to the rules on the ASME Code, Section XI. repair/replacement

Signed [Signature] SECTION XI IST 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, 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 examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions 1B 11863 A, M, & M 004028-CU
Inspector's Signature National Board, Province and Endorsements

Date July 31, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2002-21-0390

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 7/31/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0204412
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Control Rod Drives, Class 1
- (a) Applicable Construction Code ASME Sect. III 1965 Edition
Year
Addenda None Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
CRD	GE	see remarks			various	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CRD	GE	see remarks			2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Exchange incore drives with refurbished spare drives
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision <u>4</u> <u>2/31/03</u> Page <u>3</u> of 2

ITEM 2002-21-0390

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

The following CRD's were exchanged: 10-31 (replaced sn = 694 / replacement sn = 635), 14-31 (1678 / 485), 18-15 (722 / 809), 18-19 (852 / 660), 18-39 (745 / A6574), 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.

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 [Signature] Section 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 MISSISSIPPI and employed by HARTFORD STEAM BOILER OF CONNECTICUT HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/20/02 to 8/1/03, 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 or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 11863 A, N, E MN034028-CD
Inspector's Signature National Board, Province and Endorsements
Date AUGUST 1, 2003.

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0391

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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Spare - 130 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda None Code Case N/A
(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Cylinder	Bergen Patterson	179	N/A	N/A	1993	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cylinder	Bergen Patterson	179	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace cylinder tube on snubber SN 179
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 and 71.03

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.

Replacement
repair/replacement

Signed

Tom Jones, NDE LV III
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/6/03 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.

Paul A. Sweeney
Inspector's Signature

Commissions NR 11863 A, N, J, MN 004028-00
National Board, Province and Endorsements

Date 7/18/03, 2003

APPROVED (Signatures available in Master File)

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

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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Spare - 70 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda None Code Case N/A
(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Cylinder	Bergen Patterson	199	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cylinder	Bergen Patterson	199	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace cylinder tube on snubber SN 199
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:			
FOR ADMINISTRATIVE USE ONLY	Resp Subv: PRGE	Assoc Ref: PRGE	SR: N
	ARMS: 3613	Doc Type: REF ONLY	Admin initials: _____
			Freq: 0 yrs
			Date: _____

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0392

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

Tom Janes, NAE LVIII
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER & P CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/8/03 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.

Kurt A. Rulick
Inspector's Signature

Commissions

NB 11863 A, N.I. MAR 20428-50
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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		Page 2 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.

Replacement
repair/replacement

Signed

Tom J. Sandelvi III
Owner or Owner's Designee, Title

Date

7/30, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/8/03 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.

Krist A. Rulaker
Inspector's Signature

Commissions

WB 11863 A.I.M.I. 44004028-00
National Board, Province and Endorsements

Date

7/24/03

2003

APPROVED (Signatures available in Master File)

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

- Owner Xcel Energy Company Date 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO #0202066
Address Repair Organization P.O. No., Job No. etc.
- Work 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
- Identification of System Spare - 3 Kip Snubber
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda None Code Case N/A
(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	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Manifold	Bergen Patterson	003A	N/A	N/A	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manifold	Bergen Patterson	003A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace manifold
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

APPROVED (Signatures available in Master File)

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

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ITEM 2003-21-0394

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

Tom Saba, NDE Lvl III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT HARTFORD, CT have inspected the components described in this Owner's Report during the period 1/24/03 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.

Kurt A. Rulicki
Inspector's Signature

Commissions

NB 1863 A.N.I. 4N 004028-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0395

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.

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 8/3/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address
Work Order 0202268, 0202267, 0305896
Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a
Company Name
2807 W. Cty Rd 75, Monticello, MN 55362 Address
Authorization No. n/a
Expiration Date n/a
- Identification of System Core Spray B, Pump No. 12, Relief Valve RV-1746, Class 2
- (a) Applicable Construction Code ANSI B31.1, 1977 Edition
Year
Addenda Winter 1978 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, no addenda
- 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	ASME Code Stamped	
							YES	NO
RV-1746	Crosby	N89658-00-0001	n/a	n/a	n/a	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RV-1746	Crosby	N89658-00-0002	n/a	n/a	n/a	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Remove RV-1746 for PM and replace with rebuilt spare.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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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 0255-03-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.

replacement
repair/replacement

Signed

T. D. Dugan, Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date August 3, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/14/03 to 8/4/03, 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.

Kurt D. Dugan
Inspector's Signature

Commissions NB 11863 A, N, J HV 004028-CO
National Board, Province and Endorsements

Date August 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0397

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 8/4/03
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Work Order 0200996 (4280-03-PM)
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a
Company Name
2807 W. Cty Rd 75, Monticello, MN 55362 Authorization No. n/a
Address Expiration Date n/a
- Identification of System Main Steam, Spare SRV Topworks, s/n 194, Class 1
- (a) Applicable Construction Code ASME Section III 1968 Edition
Addenda Winter 1968 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, no addenda
- 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	ASME Code Stamped	
							YES	NO
Bellows/Flange	Target Rock	131	n/a	n/a	unknown	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bellows/Flange	Target Rock	1	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace Bellows and its Flange on spare SRV Topworks 194 during rebuild
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
		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 bellows and Setpoint Pressure Test of the topworks using steam performed per procedure 4280-03-PM Dye 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.

replacement
repair/replacement

Signed T. J. Dwyer, Section XI ISI Coordinator Date August 4, 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 2/27/03 to 8/4/03 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.

Kent A. Bulger Commissions NB 11863 A, N, I MW 004028-ED
Inspector's Signature National Board, Province and Endorsements
Date AUGUST 4, 2003

APPROVED (Signatures available in Master File)

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

Replacement
 repair/replacement

Signed

Tom Lomb, NDE Lvl III
 Owner or Owner's Designee, Title

Date

7/29, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, 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.

Kurt A. Rubuli
 Inspector's Signature

Commissions

NB 11863 A, NDE HW 004028-CO
 National Board, Province and Endorsements

Date

JULY 29, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0399

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 07/28/2003
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202027
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 Expiration Date N/A
Address

4. Identification of System Residual Heat Removal

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

Addenda No Addenda Code Case N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda

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 or Replacement	ASME Code Stamped	
							YES	NO
SS-18B	Bergen Patterson	003	N/A	N/A	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS-18B	Bergen Patterson	026	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Removde snubber 003 and replaced with rebuilt spare 10 kip snubber s/n 026

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

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

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0399

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.

Replacement
repair/replacement

Signed

TOM SOWA, NDE LVI III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/14/02 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.

Kurt A. Reddy

Inspector's Signature

Commissions

UB 11867 A, MT MN 004025-10

National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

Replacement
repair/replacement

Signed

Tom Joubert, NDE LVI III
Owner or Owner's Designee, Title

Date

7/28, 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 MAINE and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/4/02 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.

Kurt A. Redden

Inspector's Signature

Commissions

VB 11863 A, N, I AN 009028-CO
National Board, Province and Endorsements

Date

04/28, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0401

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 7/28/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202029
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
SS-1	Bergen Patterson	525	n/a	n/a	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS-1	Bergen Patterson	514	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Remove snubber 525 and replace with rebuilt spare 10 kip snubber s/n 514

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

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

APPROVED (Signatures available in Master File)

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

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

TOM SOWA, NDE LV III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/4/02 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.

Ken A. Ruben

Inspector's Signature

Commissions

NB 11867 A.N.F. LN 004028-CD
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

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.

Replacement
repair/replacement

Signed

TOM LONN, NDE LV III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/4/02 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.

Ray A. Ruluck

Inspector's Signature

Commissions

NB 11863 A, N, I MN004028-00
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0403

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 7/30/2003
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202031
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 Expiration Date n/a
Address

4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda No Addenda Code Case n/a

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda

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 or Replacement	ASME Code Stamped	
							YES	NO
SS-31	Bergen Patterson	167	n/a	n/a	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS-31	Bergen Patterson	170	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Remove snubber 167 and replace with rebuilt spare 10 kip snubber s/n 170

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

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____							
FOR ADMINISTRATIVE USE ONLY	Reso Suov	PRGE	Assoc Ref	PRGE	SR	N	Freq: 0 vrs
	ARMS	3613	Doc Type	REF ONLY	Admin initials:		Date:

APPROVED (Signatures available in Master File)

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

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

Replacement
repair/replacement

Signed

Tom Jones, NDE LV III
Owner or Owner's Designee, Title

Date

7/30, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, 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.

Kurt A. Lubow
Inspector's Signature

Commissions NB 11863 A, N, I MN 004028-CO
National Board, Province and Endorsements

Date

JULY 30, 2003

APPROVED (Signatures available in Master File)

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

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.

Replacement
repair/replacement

Signed

TOM SCHMIDT, NDE Lvl III
Owner or Owner's Designee, Title

Date

7/28 . 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/4/02 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Rudek
Inspector's Signature

Commissions

NA 1863 A, N. I. MN 00 #028-CO
National Board, Province and Endorsements

Date

JULY 28 . 2003

APPROVED (Signatures available in Master File)

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

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.

Replacement
repair/replacement

Signed

TOM JONES, NDE LV III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/4/02 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.

Kurt A. Bulski
Inspector's Signature

Commissions

ND 11563 A, VI MN004028-00
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

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.

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

TOM JONES, NAE LVI II
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/9/02 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.

Kurt A. Rutledge

Inspector's Signature

Commissions

NB 11863 A, N, I HND 004028-CU
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

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

Replacement
repair/replacement

Signed

Tom Jona, NDELV/III
Owner or Owner's Designee, Title

Date 7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/5/02 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.

Kurt A. Suber
Inspector's Signature

Commissions 48 11863 A, N, E MN 004025-00
National Board, Province and Endorsements

Date 7/28/03, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0408

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 7/28/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202044
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Recirculation
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Addenda No Addenda Code Case n/a
Year
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
SS-4BR-B	Bergen Patterson	102	n/a	n/a	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS-4BR-B	Bergen Patterson	100	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Remove snubber 102 and replace with rebuilt spare 30 kip snubber s/n 100
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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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 conforms to the rules on the ASME Code, Section XI.

Replacement
repair/replacement

Signed

TOM JONES, NOE LV III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/5/02 to 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.

Kurt A. Nollan
Inspector's Signature

Commissions NA 11863 A, N, I MIN 004028-CU
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0409

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.

Replacement
repair/replacement

Signed

Tom Jants, NDE LVIII
Owner or Owner's Designee, Title

Date

7/29, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT 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.

Kurt A. Subala

Inspector's Signature

Commissions

NB 11863 A, N, D MN 004028-00
National Board, Province and Endorsements

Date

JULY 29, 2003

APPROVED (Signatures available in Master File)

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

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.

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

TOM JONES, NOELVI II
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/5/02 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.

Kurt S. Redbeck
Inspector's Signature

Commissions

NB 11863 A, N, I MN 004028-CO
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0411

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 7/28/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202054
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Combustible Gas Control
- (a) Applicable Construction Code ANSI B31.1 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
SS-211	Bergen Patterson	531	n/a	n/a	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS-211	Bergen Patterson	483	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Remove snubber 531 and replace with rebuilt spare 3 kip snubber s/n 483
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:			
FOR ADMINISTRATIVE USE ONLY	Resd Subv: PRGE	Assoc Ref: PRGE	SR: N
	ARMS: 3613	Doc Type: REF ONLY	Admin initials: _____
			Freq: 0 vrs
			Date: _____

APPROVED (Signatures available in Master File)

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

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.

Replacement
repair/replacement

Signed

TOM JONAS, NDE LV1 III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/5/02 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.

Kurt A. Ruben
Inspector's Signature

Commissions

NB 11863 A, N.E. MV 004028-CD
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0412

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.

Replacement
repair/replacement

Signed

TOM JONAH, NDE LV III
Owner or Owner's Designee, Title

Date

7/28, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 12/4/02 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Ruland
Inspector's Signature

Commissions

NB 11863 A, U, I 14V554028-CO
National Board, Province and Endorsements

Date

JULY 28, 2003

APPROVED (Signatures available in Master File)

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

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 *Robert D. Dore*, Section XI ISI
Owner or Owner's Designee, Title

Date August 5, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/7/03 to 8/5/03, 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 a loss of any kind arising from or connected with this inspection.

Kurt A. Redden
Inspector's Signature

Commissions NB 11863 A.M.I. MN004028-CO
National Board, Province and Endorsements

Date August 5, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0414

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 8/4/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200991, 4280-03-PM
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam, RV-2-71B, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
<i>pilot stage assem</i>	<i>Target Rock</i>	<i>208</i>	<i>n/a</i>	<i>n/a</i>	<i>1968</i>	<i>Replaced</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>pilot stage assem</i>	<i>Target Rock</i>	<i>243</i>	<i>n/a</i>	<i>n/a</i>	<i>1975</i>	<i>Replacement</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace pilot stage assembly with refurbished assembly
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____				
FOR ADMINISTRATIVE USE ONLY	Resd Supv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 vrs
	ARMS: 3613	Doc Tvpe: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0414

9. 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

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 T. D. Dwyer, Section XI ISI Coordinator Date August 4, 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/7/03 to 8/14/03, 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.

Kurt A. Roberts
 Inspector's Signature

Commissions NB 11863 A, N, S MN 004028-CO
 National Board, Province and Endorsements

Date August 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0415

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

VT-2 per 0255-20-IIC-2 and 4280-OCD. Stroked open during startup at approx 150 psig per procedure 0112.

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 [Signature], Section XI ISI Coordinator 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/7/03 to 8/5/03, 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 a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions MB 11867 A, N, I MH 004028-00
National Board, Province and Endorsements

Date AUGUST 5, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0416

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

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. conforms to the rules on the ASME Code, Section XI. repair/replacement

Signed T. D. Dapone, Section XI ISI Coordinator 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 Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/17/03 to 8/1/03 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.

Kurt D. Relski Commissions NB 4863 MINN. I 44004028-C0
Inspector's Signature National Board, Province and Endorsements
Date AUGUST 1, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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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 Xcel Energy Company Date 8/1/2003
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0201000
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a
Company Name
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Authorization No. n/a
Address Expiration Date n/a

4. Identification of System Main Steam, RV-2-71G

5. (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda No Addenda Code Case n/a

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda

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 or Replacement	ASME Code Stamped	
							YES	NO
<i>pilot stage assembly</i>	<i>Target Rock</i>	<i>169G</i>	<i>n/a</i>	<i>n/a</i>	<i>1999</i>	<i>Replaced</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>pilot stage assembly</i>	<i>Target Rock</i>	<i>170</i>	<i>n/a</i>	<i>n/a</i>	<i>2003</i>	<i>Replacement</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replace pilot stage assembly (topworks) with refurbished assembly

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

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____

FOR ADMINISTRATIVE USE ONLY	Resp Suov: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0417

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

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

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 T. D. Dapone, Section XI ISI Coordinator 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 Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/7/03 to 8/14/03 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.

Kurt A. Ruben
Inspector's Signature

Commissions ND 11863 A.M.I. MW004028-00
National Board, Province and Endorsements

Date August 4, 2003

APPROVED (Signatures available in Master File)

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

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..

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

TOM JONES NDE LVI III
Owner or Owner's Designee, Title

Date

8/5, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/19/03 to 8/19/03, 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.

Kurt A. Buelcke
Inspector's Signature

Commissions

ND 11863 A, N, I M 1004428-10
National Board, Province and Endorsements

Date

August 5

2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0419

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 8/3/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200992
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam, RV-2-71B, Class 1
- (a) Applicable Construction Code ANSI B31.1, 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Main Stage Disc	Target Rock	578	n/a	n/a	1968	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main Stage Disc	Target Rock	4567	n/a	n/a	1989	Replacement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace main stage disc
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0419

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

PSI VT-3 of replacement disc performed as required in 4280-01-PM procedure.

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

[Signature]
Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date

August 3, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/19/03 to 8/4/03, 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.

Kurt A. Ruben

Inspector's Signature

Commissions VB 11863 A.N.I. MN 004028-CO
National Board, Province and Endorsements

Date

August 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0420

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 8/4/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200996 (4280-03-PM)
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam, Class 1
- (a) Applicable Construction Code ANSI B31.1 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
<i>Preload Spacer</i>	<i>Target Rock</i>	<i>V-194</i>	<i>n/a</i>	<i>n/a</i>	<i>1976</i>	<i>Replaced</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Preload Spacer</i>	<i>Target Rock</i>	<i>589</i>	<i>n/a</i>	<i>n/a</i>	<i>1992</i>	<i>Replacement</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace Preload Spacer for Topworks s/n 194
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:				
FOR ADMINISTRATIVE USE ONLY	Reso Suov: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 vrs
	ARMS: 3613	Doc Tvoe: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

replacement
repair/replacement

Signed D. A. Dwyer, Section XI ISI Coordinator Date August 4, 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/17/03 to 8/4/03, 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.

Kent A. Rubela Commissions NB 11863 A.N.I. MN 004025-00
Inspector's Signature National Board, Province and Endorsements

Date AUGUST 4 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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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 replacement conforms to the rules on the ASME Code, Section XI. repair/replacement

Signed T. D. Dwyer, Section XI ISI Coordinator Date August 4, 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/17/03 to 8/4/03, 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.

Kurt A. Dwyer Commissions MB11883 A.N.I. MN 004928-C0
Inspector's Signature National Board, Province and Endorsements
Date August 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2003-21-0422

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

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

Replacement
repair/replacement

Signed

TOM JONASDELVI III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/17/03 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.

Kurt A. Dulski
Inspector's Signature

Commissions NB 11863 A.N.I. MN 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0423

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 08/01/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200999 (4280-03-PM)
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam, Class 1
- (a) Applicable Construction Code ANSI B31.1, 1977 Edition
Year
Addenda Winter 1978 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Actuator Stud	Target Rock	n/a	n/a	n/a	1974	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Actuator Stud	Nova Machine	n/a	n/a	n/a	1989	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace actuator stud in SRV Topworks s/n123
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____

FOR ADMINISTRATIVE USE ONLY	Reso Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 vrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0423

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

This is an actuator for a spare safety-relief valve topworks. Installation system leakage testing will be performed to 0255-20-IIC-2 or equivalent 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 conforms to the rules on the ASME Code, Section XI.

replacement
repair/replacement

Signed [Signature] Section XI ISI Coordinator 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 Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEEL ROLLER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/21/03 to 8/1/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11863 A.M.I. MW 03 402 P-CD
Inspector's Signature National Board, Province and Endorsements

Date AUGUST 1, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0424

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 8/4/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0201004 (4280-03-PM)
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam, SRV Topworks, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Addenda Winter 1978 Code Case n/a
Year
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
4 Actuator Studs	Target Rock	n/a	n/a	n/a	1974	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Actuator Studs	Nova Machine	n/a	n/a	n/a	1998	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 4 actuator studs in SRV Topworks s/n 119
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:

FOR ADMINISTRATIVE USE ONLY	Reso Supv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0424

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

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 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.

replacement
repair/replacement

Signed

[Signature] Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date

August 4, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/21/03 to 8/4/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

NR 11863 A.N.I. 1711004028-CD
National Board, Province and Endorsements

Date

AUGUST 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0425

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

Tom J. Lass, ND EWL/III
Owner or Owner's Designee, Title

Date 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 3/24/03 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 or property damage or a loss of any kind arising from or connected with this inspection.

Rog A. Sullivan
Inspector's Signature

Commissions NB 11863 A.I.I. HN 004028-CO
National Board, Province and Endorsements

Date JULY 18, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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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 certify that the statements made in the report are correct and this conforms to the rules on the ASME Code, Section XI.

Repair
repair/replacement

Signed

Tom J. J. NDE LV/III
Owner or Owner's Designee, Title

Date

7/31, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/22/03 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Dulane
Inspector's Signature

Commissions

NA 11867 A, N, I HW004028-C0
National Board, Province and Endorsements

Date

JULY 31, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0429

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.

Rerate
repair/replacement

Signed

Tom Jones, NDE L1 III
Owner or Owner's Designee, Title

Date

7/31, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/26/03 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 a loss of any kind arising from or connected with this inspection.

Kurt A. Rudski
Inspector's Signature

Commissions

NB 11863 A.N.I. MW 004025-CD
National Board, Province and Endorsements

Date

JULY 31, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 9ms 103

ITEM 2001-20-0430

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

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 EF-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.

Replacement
repair/replacement

Signed

TOM J. NELSON, JR.
Owner or Owner's Designee, Title

Date

8/6, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/17/03 to 8/6/03, 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Rulick
Inspector's Signature

Commissions

NB 11563 A-1 LN 004028-00
National Board, Province and Endorsements

Date

AUGUST 6, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2003-21-0431

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 8/6/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0203827, 0203829
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC Type Code Symbol Stamp n/a
Company Name
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Authorization No. n/a
Address Expiration Date n/a
- Identification of System Recirculation System B, Pump #12 (P-200B), Class 1
- (a) Applicable Construction Code ASME Section III , 1980 Edition
Addenda Winter 1981 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Stuffing Box Cover	Bingham-Willamette	n/a	n/a	n/a	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stuffing Box Cover	Bingham-Willamette	11N18-3	829	n/a	1980	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace Stuffing Box Cover on Recirc Pump #12 (P-200B)
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____

FOR ADMINISTRATIVE USE ONLY	Reso Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 vrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0431

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

VT-3 new cover. Pressure testing performed during the Class 1 Pressure Boundary System

Leakage Test 0255-20-IIC-2

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 Paul Depina, Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date August 6, 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 MISSISSIPPI and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/22/03 to 8/6/03 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.

Paul A. Depina
Inspector's Signature

Commissions NA 11863 A, N, I, MN 004028-00
National Board, Province and Endorsements

Date AUGUST 6, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0432

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 8/6/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0203826, 0203829
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC Type Code Symbol Stamp n/a
Company Name Authorization No. n/a
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date n/a
Address
- Identification of System Recirculation System A, Pump #11 (P-200A), Class 1
- (a) Applicable Construction Code ASME Section III , 1980 Edition
Year
Addenda Winter 1981 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Stuffing Box Cover	Bingham-Willamette	n/a	n/a	n/a	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stuffing Box Cover	Bingham-Willamette	11N35-2	n/a	n/a	1983	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace Stuffing Box Cover on Recirc Pump #11 (P-200A)
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____

FOR ADMINISTRATIVE USE ONLY	Reso Suov: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 vrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0432

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

VT-3 new cover. Pressure testing performed during the Class 1 Pressure Boundary System

Leakage Test 0255-20-IIC-2

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 [Signature] Section XI ISI Coordinator 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/22/03 to 8/6/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions NB 11863 A, N, I HAW 004028-C0
National Board, Province and Endorsements

Date AUGUST 6, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0433

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 <u>Xcel Energy Company</u> Name	Date <u>7/18/2003</u>
2. Plant <u>Monticello Nuclear Generating Plant</u> Name <u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u> Address	Sheet <u>1</u> of <u>2</u> <u>WO 0203983</u> Repair Organization P.O. No., Job No. etc.
3. Work Performed By <u>NMC</u> Company Name <u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u> Address	Type Code Symbol Stamp <u>N/A</u> Authorization No. <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of System <u>#11 EDG-ESW Heat Exchanger, Class 3</u>	
5. (a) Applicable Construction Code <u>ANSI B31.1</u> , <u>1977</u> Edition Year Addenda <u>Winter '78</u> Code Case <u>N/A</u> (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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Bolts	unknown	N/A	N/A	N/A	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bolts	Nova	N/A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts	unknown	N/A	n/a	N/A	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts	Nova	N/A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work <u>Replace bolts with longer ones - nuts also replaced due to mech. damage.</u>
8. Tests Conducted: Hydrostatic <input type="checkbox"/> Pneumatic <input type="checkbox"/> Nominal Operating Pressure <input type="checkbox"/>
Other <input type="checkbox"/> Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

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

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.

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

TOM. J. NOEL, III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/23/03 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.

Kurt A. Rubick
Inspector's Signature

Commissions

ND 11863 A, VI MA 004028-CD

National Board, Province and Endorsements

Date

JULY 18

2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0434

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

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.

Replacement
repair/replacement

Signed

TOM JONES, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 7/23/03 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.

Kurt A. Rudnik:
Inspector's Signature

Commissions

NB 1863 A.M.I. MN 004025-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0435

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 7/18/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0203982
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date N/A
Address
- Identification of System ESW EDG Emergency Service Water, ESW-60-2
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter 78 Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
8 Studs	Unknown	N/A	N/A	N/A	Unkwn	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8 Studs	Nova	N/A	N/A	N/A	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replaced studs
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

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

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.

Replacement.
repair/replacement

Signed

TOM JONES, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/29/03 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 or property damage or a loss of any kind arising from or connected with this inspection.

Eric A. Reilly
Inspector's Signature

Commissions NB 11863 A, N, E MN004028-CO
National Board, Province and Endorsements

Date July 18, 2003

APPROVED (Signatures available in Master File)

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

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

Replacement
repair/replacement

Signed

Tom Lombardi, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/23/03 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.

Kurt A. Schultz

Inspector's Signature

Commissions

NB 11863 A, N, I, AN 004028-CO
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0437

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 galled.

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.

Replaced
repair/replacement

Signed

Tom Sants, NDE LV III
Owner or Owner's Designee, Title

Date

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/23/03 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.

Kurt A. Auluck
Inspector's Signature

Commissions

NB 11863 A.N.I. MN 004028-00
National Board, Province and Endorsements

Date

JULY 18, 2003

APPROVED (Signatures available in Master File)

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

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

replacement
 repair/replacement

Signed *[Signature]* Section 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 4/23/03 to 8/1/03, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11663 A.M.I. MW 04015-CD
 Inspector's Signature National Board, Province and Endorsements

Date AUGUST 1, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0439

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 04/29/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0202049
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System RHR B
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
SS-315-1	Bergen Patterson	201	n/a	n/a	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SS-315-1	Bergen Patterson	199	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Remove snubber 201 and replace with rebuilt spare 70 kip snubber s/n 199
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

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

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.

Replacement
repair/replacement

Signed

Tom South, NDE LVIII
Owner or Owner's Designee, Title

Date

7/30, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, 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.

Kurt A. Ashely
Inspector's Signature

Commissions

NB 11863 A.I.M.E. MN 004028-CO
National Board, Province and Endorsements

Date

JULY 30, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0440

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 8/6/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0308084, PO #PN56185Q
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Reactor Head Vent, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter 1978 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
8 Studs	Nova	n/a	n/a	n/a	2001	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8 Studs	Nova	n/a	n/a	Ht.#13698	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14 Nuts	Nova	n/a	n/a	n/a	2001	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14 Nuts	Nova	n/a	n/a	Ht.8072119	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 8 Studs and 14 Nuts like-for-like due to galling during removal.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:				
FOR ADMINISTRATIVE USE ONLY	Reso Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

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

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.

replacement
repair/replacement

Signed [Signature] Section XI ISI Coordinator
Owner or Owner's Designee, Title

Date August 6, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/2/03 to 8/17/03, 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.

Kurt A. Sulewski
Inspector's Signature

Commissions NB 11863 A, N.B. MN004025-00
National Board, Province and Endorsements

Date August 7, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0441

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

Functional test per Procedure 0251. No PSI at this time. PSI will be performed upon installation under work order.

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

Tom Jones, NDECVI III
Owner or Owner's Designee, Title

Date

8/3, 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 MINNESOTA and employed by MARYFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/4/03 to 8/4/03, 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Bullock

Inspector's Signature

Commissions

NB 11863 A, N, I MN 004028-CD
National Board, Province and Endorsements

Date

AUGUST 4, 2003

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

ITEM 2003-21-0443

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 07/17/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200644
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Emergency Service Water, Class 3
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter 1978 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
ESW-1-2 Studs (8)	unknown	n/a	n/a	Gr B7	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESW-1-2 Studs(8)	Cardinal Ind. Products	n/a	n/a	Gr B7	1991	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESW-1-2 Nuts (16)	unknown	n/a	n/a	Gr 2H	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESW-1-2 Nuts (16)	Cardinal Ind. Products	n/a	n/a	Gr 2H	1991	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 8 Bonnet Studs and 16 Bonnet Nuts due to damage during PM's.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		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.

Replacement
 repair/replacement

Signed

TOM JONES, NDE LV/III
 Owner or Owner's Designee, Title

Date

7/17, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/5/03 to 7/17/03, 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.

Kevin A. Anderson
 Inspector's Signature

Commissions

NB 11863 A, N.I. MN 004028-CD
 National Board, Province and Endorsements

Date

JULY 17, 2003

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

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 7/31/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200351 and 0204310
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam C, Valve AO2-86A, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Addenda Winter '78 Code Case n/a
Year
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Bonnet Studs	Attwood-Morrill	n/a	n/a	n/a	1968	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Studs	Flowserve	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Nuts	Attwood-Morrill	n/a	n/a	n/a	1968	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Nuts	Flowserve	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 20 Studs and 20 nuts due to damage during disassembly
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

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

APPROVED (Signatures available in Master File)

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

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

Tom Salk NDE LVI
Owner or Owner's Designee, Title

Date

7/31, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/6/03 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 a loss of any kind arising from or connected with this inspection.

Kurt A. Salk
Inspector's Signature

Commissions

NA11863 A.N.I. MN004025-CO
National Board, Province and Endorsements

Date

JULY 31, 2003

APPROVED (Signatures available in Master File)

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

replaced
repair/replacement

Signed [Signature] Section XI ISI Coordinator 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 STEEL ROLLER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/6/03 to 8/5/03, 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 a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB11063 A, N, I MN004028-CU
Inspector's Signature National Board, Province and Endorsements

Date AUG 4 5, 2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0446

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 7/31/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Address
WO 0306070 Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC/Xcel Energy Type Code Symbol Stamp n/a
Company Name
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Address
Authorization No. n/a
Expiration Date n/a
- Identification of System RCIC Steam Discharge, MO-2075, Class 1
- (a) Applicable Construction Code ANSI B31.1, 1977 Edition
Year
Addenda Winter 78 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Bonnet Stud	Nova	n/a	n/a	n/a	1999	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Stud	Nova	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 1 valve bonnet stud per WO 0306070
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:							
FOR ADMINISTRATIVE USE ONLY	Reso Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0	vrs		
	ARMS: 3613	Doc Tvoe: REF ONLY	Admin initials:	Date:			

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0446

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

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.

Replacement
repair/replacement

Signed

TOM JONAS, ND ELVI III
Owner or Owner's Designee, Title

Date

7/31, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/7/03 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 a loss of any kind arising from or connected with this inspection.

Ken A. Roberts

Inspector's Signature

Commissions

NB 11863 A, N, J MN 004028-CU
National Board, Province and Endorsements

Date

JULY 31

2003

APPROVED (Signatures available in Master File)

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

ITEM 2003-21-0447

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 8/1/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0308101, WO 0308266
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System HPCI Steam, MO-2035, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter '78 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda

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 or Replacement	ASME Code Stamped	
							YES	NO
Bonnet Studs	Nova	n/a	n/a	n/a	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Studs	Nova	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Nuts	Nova	n/a	n/a	n/a	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnet Nuts	Nova	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 5 valve bonnet studs and 2 nuts
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:				
FOR ADMINISTRATIVE USE ONLY	Resb Subv: PRGE	Assoc Ref: PRGE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:	Date:

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0447

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.

Replacement
 repair/replacement

Signed

TOM JONES, NAE Lvl III
 Owner or Owner's Designee, Title

Date

8/1

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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/19/03 to 5/19/03, 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.

Kevin A. Rubino

Inspector's Signature

Commissions

WB 11863 A.I.M.E. No 004028-00
 National Board, Province and Endorsements

Date

AUGUST 1

2003

APPROVED (Signatures available in Master File)

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

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.

Replacement
 repair/replacement

Signed

Tom Jones, NDE LV/III
 Owner or Owner's Designee, Title

Date

8/1, 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 MAINE and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/1/03 to 8/1/03, 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.

Kent A. Duley
 Inspector's Signature

Commissions

NB 11563 A, V, J AN 004025-CO
 National Board, Province and Endorsements

Date

AUGUST 1, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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

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 T. J. Deane, Section XI ISI Coordinator Date August 3, 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/10/03 to 8/4/03, 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.

Kurt A. Ruben
 Inspector's Signature

Commissions UB 11863 A, N, I MK 204028-CO
 National Board, Province and Endorsements

Date August 4, 2003

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0450

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 8/1/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0201000, PO# PN5618SQ
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam B, RV-2-71G, Class 1
- (a) Applicable Construction Code ANSI B31.1, 1977 Edition
Year
Addenda Winter '78 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda

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 or Replacement	ASME Code Stamped	
							YES	NO
Actuator Nut	Nova	n/a	n/a	n/a	1974	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Actuator Nut	Nova	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 6 actuator mounting nuts.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:			
FOR ADMINISTRATIVE USE ONLY	Reso Suov: PRGE	Assoc Ref: PRGE	SR: N
	ARMS: 3613	Doc Type: REF ONLY	Admin initials: _____
			Freq: 0 yrs
			Date: _____

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2003-21-0450

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

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 1 [Signature] Section XI ISI Coordinator 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 Inspectors and the State or Province of MISSISSIPPI and employed by HARTFORD STEAM BOILER OF CONSTRUCTION of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/10/03 to 8/14/03; 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.

[Signature]
 Inspector's Signature

Commissions NP 11863 A, N, I, N 004028-CD
 National Board, Province and Endorsements

Date August 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

replacement
 repair/replacement

Signed Robert D. Dwyer, Section XI ISI Coordinator
 Owner or Owner's Designee, Title

Date July 31, 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 MINNESOTA and employed by HARTFORD STEEL BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/10/03 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 a loss of any kind arising from or connected with this inspection.

Kurt A. Dulake
 Inspector's Signature

Commissions ND 11867 A, N, I MA/004028-10
 National Board, Province and Endorsements

Date JULY 31, 2003

APPROVED (Signatures available in Master File)

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

- Owner Xcel Energy Company Date 7/31/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0200351 and 0204310
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam C, AO-2-86C, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter 78 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Downstream Disc	Anchor Darling	n/a	n/a	n/a	1994	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Downstream Disc	Flowserve	n/a	n/a	HN 216410 SN1	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace downstream disc due to seat and retaining pin damage.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:			
FOR ADMINISTRATIVE USE ONLY	Reso Subv: PRGE	Assoc Ref: PRGE	SR: N
	ARMS: 3613	Doc Type: REF ONLY	Admin initials: _____
			Fred: 0 vrs
			Date: _____

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2003-21-0452

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

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-
IIC-2

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

Tom Saw, NDE Level III
 Owner or Owner's Designee, Title

Date

7/31, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/10/03 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 a loss of any kind arising from or connected with this inspection.

Kurt A. Dulski

Inspector's Signature

Commissions

NR 11863 A, N, I MN 004028-10
 National Board, Province and Endorsements

Date

JULY 31, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 Aug 03
ITEM 2003-21-0461-455 8/7/03
FAS 8/8/03

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

No pressure testing is required for replacement bolting. Damage to the bolting was not service related. Studs and Nuts are like-for-like replacement.

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

Tom Jones Noel III
Owner or Owner's Designee, Title

Date

8/6, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/13/03 to 8/7/03, 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.

Kurt A. Ruben:
Inspector's Signature

Commissions

ND 11863 A, N, I MN 001028-CD
National Board, Province and Endorsements

Date

AUGUST 7, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0456

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 8/6/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0308084, 0308458
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Reactor Head Vent, Class 1
- (a) Applicable Construction Code ANSI B31.1 , 1977 Edition
Year
Addenda Winter '78 Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
Flange Boltina	Nova Machine	n/a	n/a	n/a	2001	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flange Boltina	Nova Machine	n/a	n/a	n/a	2003	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace 8 Studs and 16 nuts damaged during disassembly.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:									
FOR ADMINISTRATIVE USE ONLY	Reso Suov:	PRGE	Assoc Ref:	PRGE	SR:	N	Freq:	0	vrs
	ARMS:	3613	Doc Tvoc:	REF ONLY	Admin initials:		Date:		

APPROVED (Signatures available in Master File)

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

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.

replacement
repair/replacement

Signed David Depere, 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 and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/15/03 to 8/7/03, 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.

Kurt A. Schuch
Inspector's Signature

Commissions NB 11863 A.M.J. MN 004028-00
National Board, Province and Endorsements

Date AUGUST 7, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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.

Replacement
repair/replacement

Signed

TOM JOWA, NDE LV III
Owner or Owner's Designee, Title

Date

7/29 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/1/03 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.

Luc A. Allard
Inspector's Signature

Commissions

NB 11863 A.N.J. H4/204028-CD
National Board, Province and Endorsements

Date

July 29 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 and 5/03

ITEM 2003-21-0458

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

No preservice examination required for replacement disc since valve is less than NPS-4. No pressure testing is required following replacement of discs. Preservice testing includes stroke time, position indication, and Appendix J I I RT

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 Tom Janda, NDE LVT III Date 8/3, 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 STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/17/03 to 5/14/03, 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.

Kenn A. Antele Commissions ND 11853 A, N, I 44-204028-CO
Inspector's Signature National Board, Province and Endorsements
Date AUGUST 4, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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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 conforms to the rules on the ASME Code, Section XI.

Repair
repair/replacement

Signed

TOM JONES, NDE LV III
Owner or Owner's Designee, Title

Date

7/17/2003

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 MAINE and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/18/03 to 7/17/03, 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.

Kim A. Bullock
Inspector's Signature

Commissions

NB 11863 A, N I MW 004028-50
National Board, Province and Endorsements

Date

JULY 17, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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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 conjunction 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.

Replacement
repair/replacement

Signed

Tom South, NDE LVIII
Owner or Owner's Designee, Title

Date

8/7, 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 MINNESOTA and employed by HART FORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/19/03 to 8/7/03, 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 or property damage or a loss of any kind arising from or connected with this inspection.

Kurt A. Rasmussen
Inspector's Signature

Commissions

NB 11263 A.M.I. M4 004028-CO
National Board, Province and Endorsements

Date

AUGUST 7, 2003

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2003-21-0461

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 8/6/2003
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2
Name
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 0308742
Address Repair Organization P.O. No., Job No. etc.
- 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 Expiration Date n/a
Address
- Identification of System Main Steam, RV-2-71G
- (a) Applicable Construction Code ANSI B31.1 , 1967 Edition
Year
Addenda No Addenda Code Case n/a
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986, No Addenda
- 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	ASME Code Stamped	
							YES	NO
<i>pilot stage assembly</i>	<i>Target Rock</i>	<i>170</i>	<i>n/a</i>	<i>n/a</i>	<i>1968</i>	<i>Replaced</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>pilot stage assembly</i>	<i>Target Rock</i>	<i>7</i>	<i>n/a</i>	<i>n/a</i>	<i>1989</i>	<i>Replacement</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replace pilot stage assembly with refurbished assembly
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☒ Pressure _____ psi Test Temp _____ °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated:			
FOR ADMINISTRATIVE USE ONLY	Reso Subv: PRGE	Assoc Ref: PRGE	SR: N
	ARMS: 3613	Doc Type: REF ONLY	Admin initials:
			Freq: 0 yrs
			Date:

APPROVED (Signatures available in Master File)

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

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 psig 900 psig

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

TOM SOWA, NDE LV III
Owner or Owner's Designee, Title

Date

8/6, 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 MINNESOTA and employed by HARTFORD STEAM BOILER OF CONNECTICUT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 5/24/03 to 8/6/03, 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.

Kurt A. Seidner
Inspector's Signature

Commissions

NB 11863 A, N, I MN 004025-CU
National Board, Province and Endorsements

Date

AUGUST 6, 2003

APPROVED (Signatures available in Master File)

APPENDIX A

Class 1, 2, and 3 Examinations

(sorted by Class, Category, and Code Item)

(9 pages)

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NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Class 1 (pages 1-4)												
100395	Rx Ves Head Cooling	ISI-13142-20-C	B- 2	Flange Bolts	B-G-2	87.50	PEI-02.05.01	VT	2003VT070	RI	5/10/2003	VT following flange groove machining. Rounded Indication -- see CR 03005131 for acceptability.
							PEI-02.05.01	VT	2003VT056	NRI	5/8/2003	
100566	Main Steam A	ISI-13142-33-A	B- 1	Flange Bolts @ W-12	B-G-2	87.50	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	87.50	PEI-02.05.01	VT	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	87.50	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	VT	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	87.50	PEI-02.05.01	VT	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	87.50	PEI-02.05.01	VT	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	87.50	PEI-02.05.01	VT	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	87.50	PEI-02.05.01	VT	2003VT032	NRI	5/2/2003	In place, under tension
101491	Head Vent	ISI-782A-A	B- 1	Flange Bolts	B-G-2	87.50	PEI-02.05.01	VT	2003VT104	NRI	5/10/2003	PSI of replacement studs and nuts.
101492	Head Vent	ISI-782A-A	B- 2	Flange Bolts	B-G-2	87.50	PEI-02.05.01	VT	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	87.50	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	B-G-2	87.70	PEI-02.05.01	VT	2003VT206	RI	5/19/2003	galled/damaged threads, damaged stud hole. See CR 03005547.
							PEI-02.05.01	VT	2003VT208	RI	5/20/2003	Examined additional stud holes, see CR 03005547 for acceptability.
							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	87.70	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	VT	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	87.70	PEI-02.05.01	VT	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	87.70	PEI-02.05.01	VT	2003VT075	RI	5/9/2003	Damaged / missing threads in vacated stud holes. See CR 03005214
							PEI-02.05.01	VT	2003VT063	NRI	5/5/2003	PSI of 20 replacement studs and nuts
100974	HPCI Steam	ISI-13142-42-A	B- 2	Valve Bolts	B-G-2	87.70	PEI-02.05.01	VT	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	87.70	PEI-02.05.01	VT	2003VT144	NRI	5/15/2003	VT following disassembly.

NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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: N/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
102426	CRD Housings	ISI Fig 2	10-23B	CRD Housing Bolts	B-G-2	B7.80 & GE SIL483	PEI-02.05.01	VT	2003VT003	NRI	4/24/2003	PSI of replacement bolts (176)
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	
101989	Recirculation A	ISI-97005-A	H-10	Dbl Spring / 4 Lugs	B-K	B10.20	PEI-02.01.01	PT	2003PT004	NRI	5/4/2003	
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	
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	4/29/2003	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	VT	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	12/12/2002	PSI of replacement disc per WO 0201002.
							PEI-02.05.04	VT	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	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	VT	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	VT	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	VT	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	VT	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	VT	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	VT	2003VT015	NRI	5/1/2003	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	VT	2003VT086	RI	5/10/2003	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	VT	2003VT017	NRI	5/1/2003	PSI following snubber changeout per WO 0202029.

NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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/A

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	VT	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.
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	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	VT	2003VT108	NRI	5/6/2003	2003VT108 is a duplicate report for this component.
							PEI-02.05.02	VT	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	VT	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	VT	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	VT	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.
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	VT	2003VT031	NRI	5/2/2003	

NIS-1 Attachment (Appendix A)
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(Sorted by Class, Code Category, and Code Item)

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 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 55382

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
107548	Recirculation B	ISI-97006-A	H-10	Dbl Spring	F-A	F1.10c	PEI-02.05.02	VT	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 B	ISI-97006-C	H- 3	Rod/Clevis Grip/Lugs	F-A	F1.40a	PEI-02.05.02	VT	2003VT043	NRI	5/5/2003	
107537	Recirc Pump A	ISI-97005-C	H- 4	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT	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	VT	2003VT018	NRI	5/1/2003	
							PEI-02.05.02	VT	2003VT061	NRI	5/7/2003	
107557	Recirc Pump B	ISI-97006-C	H- 5	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT	2003VT080	NRI	5/7/2003	PSI following snubber changeout per WO 0202047.
							PEI-02.05.02	VT	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	VT	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- 3 LS D	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- 5 LS D	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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(Sorted by Class, Code Category, and Code Item)

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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Class 2 (pages 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	VT	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	VT	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	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	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	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	VT	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	VT	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	VT	2003VT074	NRI	5/9/2003	
100264	HPCI Steam Dsch	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	VT	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	VT	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	VT	2003VT204	NRI	5/19/2003	Re-exam after tightening loose nut per WO 0308561.

NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
100919	HPCI Water Side Dsch	ISI-13142-40-B	H- 7	Strut / Clamp	F-A	F1.20b	PEI-02.05.02	VT	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	VT	2003VT203	NRI	5/18/2003	Re-exam after rework per WO 0308561.
							PEI-02.05.02	VT	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	VT	2002VT001	NRI	9/3/2002	Mid-cycle exam
							PEI-02.05.02	VT	2003VT077	NRI	5/5/2003	
							PEI-02.05.02	VT	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	VT	2003VT035	NRI	5/12/2003	Spherical bearing exercised with wrench.
							PEI-02.05.02	VT	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	VT	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	VT	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	VT	2003VT046	NRI	5/5/2003	PSI following snubber changeout per WO 0202031.
107578	HPCI Water Side Dsch	ISI-13142-40-B	H- 6	Dbl Strut / 4 Lugs	F-A	F1.20b	PEI-02.05.02	VT	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	VT	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	VT	2003VT201	NRI	5/19/2003	PSI after regrouting
							PEI-02.05.02	VT	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	VT	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	VT	2003VT040	NRI	5/4/2003	

NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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/A

Summary 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	VT	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	

NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Class 3 (page 8)												
102767	RHR Service Water	nd-isi-108	SR-106	Stanchion	D-A	D1.20	PEI-02.05.01	VT	2003VT007	NRI	4/29/2003	
102775	Combustible Gas Ctrl	nd-isi-144	SR-190	Anchor	D-A	D1.20	PEI-02.05.01	VT	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	VT	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	VT	2003VT091	NRI	5/6/2003	
102347	Combustible Gas Ctrl	nd-isi-144	SS-211	Snubber	F-A	F1.30b	PEI-02.05.02	VT	2003VT038	NRI	5/4/2003	PSI following snubber changeout per WO 0202054

NIS-1 Attachment (Appendix A)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class, Code Category, and Code Item)

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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Non Code or Plant Requested Exams (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	RI	5/10/2003	Plant requested 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	VT	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	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	VT	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
							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	ISI-UT-16	UT	2003UT012	NRI	5/3/2003	Non-code exam
							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
							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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NIS-1 Attachment (Appendix B)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class and Summary Number)

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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Class 1 (pages 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	5/10/2003	VT following flange groove machining. Rounded Indication – see CR03005131 for acceptability.
							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
100588	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	VT	2003VT206	RI	5/19/2003	galled/damaged threads, damaged stud hole. See CR03005547.
							PEI-02.05.01	VT	2003VT208	RI	5/20/2003	Examined additional stud holes, see CR03005547 for acceptability.
							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	VT	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	B7.50	PEI-02.05.01	VT	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	VT	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	VT	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	VT	2003VT086	RI	5/10/2003	2nd PSI per IWF-2210(b). Spherical bearing unstaked ~1/8", see CR 03005280 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.
							PEI-02.05.04	VT	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	VT	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	VT	2003VT075	RI	5/9/2003	Damaged / missing threads in vacated stud holes. See CR 03005214
							PEI-02.05.01	VT	2003VT063	NRI	5/5/2003	PSI of 20 replacement studs and nuts

NIS-1 Attachment (Appendix B)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class and Summary Number)

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: N/A

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 Bolts @ W-18	B-G-2	B7.50	PEI-02.05.01	VT	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	VT	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.
100714	Main Steam C	ISI-13142-35-A	W-24	Pipe-to-Pipe	R-A(M)	R1.20	PEI-02.03.01	UT	2003UT008	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	VT	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	VT	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	VT	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	VT	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	VT	2003VT140	NRI	5/8/2003	PSI on replacement bolting. 5 studs, 2 nuts
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	
101208	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 Wtr Cleanup	ISI-73880-A	W- 3 LS D	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- 5 LS D	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 Bolts	B-G-2	B7.50	PEI-02.05.01	VT	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	Valve Bolts	B-G-2	B7.70	PEI-02.05.01	VT	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	VT	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	B-M-2	B12.50	PEI-02.05.04	VT	2003VT143	NRI	5/15/2003	VT of internals following disassembly

NIS-1 Attachment (Appendix B)
Cycle 21 Inservice Inspection Report (2003 RFO)
(Sorted by Class and Summary Number)

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: 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	Seismic Restraint	F-A	F1.10a	PEI-02.05.02	VT	2003VT059	NRI	5/7/2003	Scope Expansion due to indication on ISI-97005A, H-10.
101989	Recirculation A	ISI-97005-A	H-10	Dbl Spring / 4 Lugs	B-K	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-18	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	VT	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-8	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	VT	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	VT	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	VT	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	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	VT	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.

NIS-1 Attachment (Appendix B)
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 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: N/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	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	VT	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	VT	2003VT051	NRI	5/6/2003	PSI following snubber changeout per WO 0202043
107543	Recirculation B	ISI-97008-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-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	VT	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.
107549	Recirc Manifold B	ISI-97008-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-97008-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	VT	2003VT066	NRI	5/6/2003	PSI following snubber changeout per WO 0202045.
107555	Recirc Pump B	ISI-97008-C	H- 3	Rod/Clevis Grip/Lugs	F-A	F1.40a	PEI-02.05.02	VT	2003VT043	NRI	5/5/2003	
107556	Recirc Pump B	ISI-97008-C	H- 4	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT	2003VT018	NRI	5/1/2003	
							PEI-02.05.02	VT	2003VT061	NRI	5/7/2003	
107557	Recirc Pump B	ISI-97008-C	H- 5	Snubber / Lugs	F-A	F1.40b	PEI-02.05.02	VT	2003VT080	NRI	5/7/2003	PSI following snubber changeout per WO 0202047.
							PEI-02.05.02	VT	2003VT019	NRI	5/1/2003	2nd PSI per IWF-2110(b).
107558	Recirc Pump B	ISI-97008-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-97008-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-97008-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: 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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Class 2 (pages 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	
100284	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	
100331	Core Spray A	ISI-13142-20-A	H-1	Variable Spr / Slide	F-A	F1.20c	PEI-02.05.02	VT	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	VT	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	VT	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	VT	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	VT	2003VT203	NRI	5/19/2003	Re-exam after rework per WO 0308561.
							PEI-02.05.02	VT	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
							PEI-02.05.02	VT	2003VT077	NRI	5/5/2003	
							PEI-02.05.02	VT	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	5/8/2003	
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	VT	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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 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 55382

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
101113	RHR Suction B	ISI-13142-49-A	H-10	Snubber / Clamp	F-A	F1.20b	PEI-02.05.02	VT	2003VT035	NRI	5/12/2003	Spherical bearing exercised with wrench.
							PEI-02.05.02	VT	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	VT	2003VT087	NRI	5/10/2003	
101687	HPCI Pumps	ISI-8292-42A	DVS Supp B	DVS Pump Support	F-A	F1.40a	PEI-02.05.02	VT	2003VT088	NRI	5/10/2003	
101712	CRD Scram Header A	ISI-93268-1A	H-11	Rod / Clamp	F-A	F1.20a	PEI-02.05.02	VT	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	UT	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	2003VT038	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	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	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	VT	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	VT	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	VT	2003VT004	NRI	4/26/2003	Minor baseplate gaps, see CR 03004361 for acceptability.
107008	Vacuum Relief & CGCS Outlet Div.1	ISI-94968-A	H-8	Snubber	F-A	F1.20b	PEI-02.05.02	VT	2003VT041	NRI	5/5/2003	PSI following snubber changeout per WO 0202030
107569	RHR Discharge B	ISI-13142-18-A	H-9	Dbt Spring / 4 Lugs	F-A	F1.20c	PEI-02.05.02	VT	2003VT040	NRI	5/4/2003	
107575	Containment Spray	ISI-13142-37-B	H-5	Snubber / Lugs	F-A	F1.20b	PEI-02.05.02	VT	2003VT048	NRI	5/5/2003	PSI following snubber changeout per WO 0202031.

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 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 55382

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
107578	HPCI Water Side Dsch	ISI-13142-40-B	H- 6	Dbl Strut / 4 Lugs	F-A	F1.20b	PEI-02.05.02	VT	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	VT	2003VT200	NRI	5/19/2003	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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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 55382

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
Class 3 (page 8)												
102291	RHR Service Water	nd-isi-107	SWH-8	Dead Weight Support	F-A	F1.30a	PEI-02.05.02	VT	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	VT	2003VT091	NRI	5/6/2003	
102347	Combustible Gas Ctrl	nd-isi-144	SS-211	Snubber	F-A	F1.30b	PEI-02.05.02	VT	2003VT038	NRI	5/4/2003	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	VT	2003VT007	NRI	4/29/2003	
102775	Combustible Gas Ctrl	nd-isi-144	SR-190	Anchor	D-A	D1.20	PEI-02.05.01	VT	2003VT053	NRI	5/8/2003	

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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/A

Summary No.	System	ISO Number	Comp ID	Comp Description	Category	Item	Procedure	Method	Report	Results	Exam Date	Comments
Non Code or Plant Requested Exams (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	RI	5/10/2003	Plant requested exam following flange groove machining. Rounded indication, see CR03005131 for acceptability.
100921	HPCI Water Side Dsch	ISI-13142-40-B	H- 8	Strut / Clamp / Box	F-A	F1.20b	PEI-02.05.02	VT	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	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	VT	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	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
							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	ISI-UT-16	UT	2003UT012	NRI	5/3/2003	Non-code exam
							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
							ISI-UT-16	UT	2003UT013	NRI	5/3/2003	Non-code exam

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APPENDIX C

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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

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APPENDIX D

Reactor Vessel IVVI Examinations

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**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
Jet Pump Assemblies 1, 2, 3, 4, & 5	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
	Diffuser Collar to Shell Weld (DF-1)	EVT-1
	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
Jet Pump Assembly 8	Reverification of Cracking in Secondary Riser Brace Lower Leaf to Block Weld (RB-4c) in Leaf	EVT-1
	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
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
Jet Pump Risers 30°, 240°, & 330°	Riser Elbow to Thermal Sleeve Weld (RS-1)	EVT-1
	Riser Elbow to Riser Pipe Weld (RS-2)	EVT-1
	Riser Pipe to Transition Piece Weld (RS-3)	EVT-1
Core Spray Headers and Downcomers	Clamp Assemblies on Tee Box Junctions at 90° & 270°	VT-1
	Flaw at 90° Tee Box for Crack Extension	EVT-1
	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
Guide Tubes at Cell Locations 30-11, 26-11, 26-27, 26-07, 30-07, & 10-15	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
	CRGT-2 Guide Tube Body to Sleeve Weld	EVT-1
	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, 46-19, 46-23, & 38-43	General Area of Top Guide, Core Plate, and Guide Tube Interior where CRBs were Removed	VT-3
	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

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APPENDIX D

Reactor Vessel IVVI Examinations

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2003 RF20 Refuel Outage
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- Various Cables
- DVD Disks

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APPENDIX E

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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 (mid-cycle test)	700	Passed
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

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