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ITEM 2001-18-0201 11/05/01  
741 11/6/01

**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 b.12-12-03-01

ITEM 2001-18-0201

15 Nov 11/05/01

KAS 11/6/01

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

Specification 5828-M-40, 5828-M-53, NPD-M-38, Section pressure testing per 0255-06-1A-1& IST  
per WRA-92-06311 NIS-2 was developed due to CR 20010344

## 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

Leht/Ch, See XI Coordinator  
 Owner or Owner's Designee, Title

Date 8-20-01

## CERTIFICATE OF INSERVICE INSPECTION

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 LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Delaney

Inspector's Signature

Commissions

NP 11863 A, N.E. NK 004028-CO  
 National Board, Province and Endorsements

Date

OCTOBER 2, 2001

APPROVED (Signatures available in Master File)

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-15-0202

**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 8/8/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO9205173  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System Reactorhead piping
- (a) Applicable Construction Code B31.1, 1967 Edition  
Year  
Addenda NA Code Case NA  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 Edition
- 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
Studs (20)A-183	—	—	—	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Studs (20)A183	—	—	—	NA	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts (20)A184	—	—	—	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts(20)A184	—	—	—	NA	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Replaced existing reactor head piping studs with new.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 1010 psi Test Temp 70 °F

APPROVED (Signatures available in Master File)

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-15-0202

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

Specification M-40, Reconciliation was performed by Reedy Engineering Reedy Report 92-006 and reviewed by NMC, Test at system Pressure 0255-20-11G-2 NIS was developed per CR20010344  
Hydrostatic Test was performed procedure 0255-20-11A-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

Leif H. See XI Coordinator  
 Owner or Owner's Designee, Title

Date

8-8-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 8/24/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Roberts  
 Inspector's Signature

Commissions

NB 11863 AND MA 396  
 National Board, Province and Endorsements

Date

AUGUST 24, 2001

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-19-0203

**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.

<p>1. Owner <u>Xcel Energy Company</u>  <div style="text-align: center;">Name</div> <p>2. Plant <u>Monticello Nuclear Generating Plant</u>  <div style="text-align: center;">Name</div> <p><u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>  <div style="text-align: center;">Address</div> <p>3. Work Performed By <u>NSP</u>  <div style="text-align: center;">Company Name</div> <p><u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>  <div style="text-align: center;">Address</div> </p></p></p></p></p>	<p>Date <u>10/26/2001</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>WO'S 4152-PM(2/12/00)</u>  Repair Organization P.O. No., Job No. etc.</p> <p>Type Code Symbol Stamp <u>NA</u>  Authorization No. <u>NA</u>  Expiration Date <u>NA</u></p>
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4. Identification of System SBLC System

5. (a) Applicable Construction Code B 31.1, 1977 Edition  

Year

Addenda W 78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Trigger Assembly	Conex Nuclear	SN424	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trigger Assembly	Conex Nuclear	SN 426	NA	NA	1998	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Primer Chamber	Conex Nuclear	NA	NA	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Primer Chamber	Conex Nuclear	1321	NA	NA	1998	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replace #11-14B SBLC Trigger & Primer Chamber Assembly of Squib Valve.

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

**APPROVED (Signatures available in Master File)**

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10/26/01

ITEM 2001-19-0203

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

Specification : 21 A 5575 Rev.2. CR 20015757 was generated to take care of SBLC/Functional/Hydro issues NIS-2 was generated due to CR 20010344.

## 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 C. Lee, Jr. Coordinator Date 10-26- 2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9/21/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert A. Ruben Commissions NB 11863 A, N.J. MN 004028-CO  
Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 26 , 2001

APPROVED (Signatures available in Master File)

**APPROVED (Signatures available in Master File)**

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-18-0205

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

Specification : GE 21A5575.Reconciliation was performed by Reedy Engineering Report 92-006  
and reviewed by NMC. Tests were performed per 4152-PM ( 4/8/98) & 4152 OCD NIS-2 was  
generated due to CR 20010344

## 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. Chas. See XI Coordinator  
 Owner or Owner's Designee, Title

Date

10-29-2001

## CERTIFICATE OF INSERVICE INSPECTION

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 FIE of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 10/30/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert L. Chas.

Inspector's Signature

Commissions

NP 11863 A, N, I, MN 334028-00

National Board, Province and Endorsements

Date

OCTOBER 31, 2001

APPROVED (Signatures available in Master File)



MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0206

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

Specification NPD-M-38, testing per 0255-04-1A-1&1ST per 0137-32-2 & 0255-04-1A-3. NIS-2  
was developed due to CR 20010344.

. 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 W. See N Coordinator  
 Owner or Owner's Designee, Title

Date 8-22-01

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER I+I of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9/6/01 to 9/6/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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 #863 A, N.E., MA 01-386  
 National Board, Province and Endorsements

Date

SEPTEMBER 6, 2001

**APPROVED (Signatures available in Master File)**

3650 + 500

ITEM 2001-18-0203 ✓

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0207

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

Specification M-38 and 5828-M-40 and 21A5829 Pressure test per 0086 and IST per 0255-  
021B. NIS-2 was developed due to CR-20010344

## 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. Ch. See XI coordinator  
 Owner or Owner's Designee, Title

date 9-07-01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9/7/01 to 9/7/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Lubinski

Inspector's Signature

Commissions

NR 1863 A, N, E MN 01-396

National Board, Province and Endorsements

Date

SEPTEMBER 7, 2001

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-16-0208

**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 9/26/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 Wo 94-05502  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NMC Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System Reactor Building, Control Rod Drive, undervessel, Drywell  
9/26/01
- (a) Applicable Construction Code ASME III 1965 Edition  
Year  
Addenda NA Code Case NA  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 Edition
- 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 cap screw	GE		-	-	1970	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CRD Cap Screws	GE		-	-	1994	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 CRD Cap Screws on CRD-06-27 Material ASTM A 193 Gr.B7.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-16-0208

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

Specification 257HA331.VT-1 preservice exam, was performed. Pressure testing per per WO 94-05502 NIS-2 was generated due to CR 20010344 for return to code compliance issues. CRD cap screws were removed for inspection per SII-483 Rev 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

Luh H. Schuch, See XI Coordinator  
Owner or Owner's Designee, Title

Date 9-26, 2001

## CERTIFICATE OF INSERVICE INSPECTION

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 CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/1/01 to 10/1/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

NB 11863 A, N.I. MA 84-J96  
National Board, Province and Endorsements

Date OCTOBER 1, 2001

APPROVED (Signatures available in Master File)

3613

Revision 4

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ITEM 2001-18-0209

**APPROVED (Signatures available in Master File)**

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM <sup>-15-</sup> 2001-18-0209

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

Specification NPD-M-38 & 5828-M-40. No preservice exam. was performed class 2 component is exempt per Section XI IWC-1221(a). Pressure testing per 0255-03-1A-1 NIS -2 was generated due to CR 20010344 for return to code compliance issues.

## 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 [Signature] See x1 coordinator Date 9-26, 2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I+I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/1/01 to 10/1/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 #6 NI, MN 039601-Co  
Inspector's Signature National Board, Province and Endorsements

Date 10/1/01

APPROVED (Signatures available in Master File)

**APPROVED (Signatures available in Master File)**

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-20-0210

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

Specification : NPD-M-38 & 6453-M-212, 5828 M-40. MT for preservice examination was performed ~~Pressure testing & IST per 0255-05-1A-1 performed under WO 98-02824~~ <sup>by 10/4/01</sup> NIS-2 was generated due to CR 20010344

## . 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 K. Saxena, coordinator  
Owner or Owner's Designee, Title

Date

10-4-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/3/01 to 10/4/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NB 11572 AB NI, MN 039600-CO

National Board, Province and Endorsements

Date

10/4/01

APPROVED (Signatures available in Master File)

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-19-0211

**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 10/05/2001  
Name

2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u>	of	<u>2</u>
	<u>Name</u>				
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362			<u>WO 9900660,9900662-9900664/ MOD</u>		
			<u>95Q105</u>		
<u>Address</u>			<u>Repair Organization P.O. No., Job No. etc.</u>		

3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name  
2807 W. Cnty. Rd. 75, Monticello, MN 55362  
Address .  
 Authorization No. NA  
 Expiration Date NA

#### 4. Identification of System *Blocide injection*

5. (a) Applicable Construction Code ANSI B 31.1, 1977 Edition  
Addenda W787 Code Case NA  
Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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
EDGESW Piping	NA	NA	N/A	NA	1969	Repalaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EDGESW piping	NA	NA	NA	NA	1995	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RHRSW Piping	NA	NA	NA	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RHRSW Piping	NA	NA	NA	NA	1995	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work *Weld small bore connections to RHRSW and EDGE SW.*

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 85 psi Test Temp 70 °F

**APPROVED (Signatures available in Master File)**

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0211

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

Specification : M-38 & 5828-M-40. NO preservice examination was performed being Class 3.Pressure test per MP-95Q105-04 procedure. NIS-2 was generated due to CR 20010344.

## . 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

Kurt A. Rydman See XI Coordinator  
Owner or Owner's Designee, Title

Date

10-5 , 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by HARTFORD STEAM BOILER I+I of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/9/01 to 10/9/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Rydman  
Inspector's Signature

Commissions

NB 11567 AME LIN 24028-CO  
National Board, Province and Endorsements

Date

OCTOBER 9 , 2001

APPROVED (Signatures available in Master File)



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ITEM 2001-18-0212

**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.

## 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
Support SS-7	Bergen Paterson	NA	N/A	NA	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"/>
							<input type="checkbox"/>	<input type="checkbox"/>

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

**APPROVED (Signatures available in Master File)**

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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RA 10/26/01

ITEM 2001-18-0212

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) & 5828- M-40(Piping materials, Classification, and Standards for MNGP). VT-3 preservice examination was performed NIS-2 was generated due to CR 20010344 for return to code compliance issues

## . 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

Antti W. See XI Coordinator Date 10-26- 2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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 & JS of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/26/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Aulic Commissions NR 11863 A, N, J MN 004028-00  
Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 26, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-16-0213

**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 10/19/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9390070 & 92Q520 Rev. 2  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address

4. Identification of System MOV-2015 in RHR System.

5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year  
Addenda W78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
MO-2015.Disc	Anchor/Darling	88746A	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MO-2015.Disc	Anchor/Darling	P1633	NA	V 5584-2	1993	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 Replacement new disc in MO-2015 with equalization hole.

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

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-16-0213

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) . 5828-M-40 and 21A  
5829 No Pressure testing . IST per 0255-03-1A-2B, 0255-04-1A-1, 0255-04-ID-1 & 0137-28 RT and  
MT on disc (per Spec. 6828-M53-AC) Replacement disc meets spec. NPD-M-38, 5828-M-40 and  
GE Spec. 21A589. NIS-2 was generated due to CR 20010344.

## 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

Leht'Ch, Secy/ Coordinator  
 Owner or Owner's Designee, Title

Date

10-19- , 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTIN STEAM BOILER INT of MARTIN, CT have inspected the components described in this Owner's Report during the period 10/19/01 to 10/19/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Pulicci  
 Inspector's Signature

Commissions

NB11883 A, N.I. MA 004028-CO  
 National Board, Province and Endorsements

Date OCTOBER 19 , 2001

APPROVED (Signatures available in Master File)



38001-500

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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16 D.D. 12-3-01

ITEM 2001-18-0214

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

Specification M-38 and 5828-M-40 and 21A5829 NO Pressure test RT and MT on disc ( per Spec. 6828-M53-AC) VT-3 Valve body and IST per 0255-03-1A-2B, 0255-04-1A-1, 0255-04-ID-1 & 0137-28. NIS-2 was developed due to CR-20010344

## 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. H. See x1 Coordinator  
Owner or Owner's Designee, Title

Date 9-07 01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/18/01 to 10/18/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Kevin A. Nalanko  
Inspector's Signature

Commissions

NB 4863 A, N, E MA W 4028-00  
National Board, Province and Endorsements

Date 0070802 12 , 2001

APPROVED (Signatures available in Master File)

ITEM 2001-16-0215

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM <sup>-16-M</sup> 2001-19-0215

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

Specification Bechtel 10040-300-M-401(Q) Rev3 Pressure testing per PM4910.NIS-2 was  
generated due to CR 20010344

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

Rahit K. Ch. See XI Coordinated  
Owner or Owner's Designee, Title

Date

9-21- 2001

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB E+I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]

Inspector's Signature

Commissions

NB 11872 ASME, MN 039600-CO  
National Board, Province and Endorsements

Date

10/2/01

APPROVED (Signatures available in Master File)



<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-19-0216

**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>	Date	<u>10/26/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO'S 4152-PM(2/8/00)</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

#### 4. Identification of System SBLC System

5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Addenda W 78 Code Case NA  
Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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
Trigger Assembly	Conex Nuclear	SN 1045 N/A	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trigger Assembly	Conex Nuclear	SN 425	NA	NA	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"/>

7. Description of Work *Replace #11-14A SBLC Trigger Assembly of Squib Valve.*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 1300 psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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Rev 10/26/01

ITEM 2001-19-0216

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

Specification : 21 A 5575 Rev.2. Pressure testing per 0255-02-IC. CR 20015757 was generated to take care of SBI C/ Functional/Hydro issues. NIS-2 was generated due to CR 20010344

## 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

Lalit Kh, Secy, Coordinator  
Owner or Owner's Designee, Title

Date

10-26- , 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 INT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/26/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Bullock  
Inspector's Signature

Commissions

LB 11863 A.A.E. MN 004028-C3  
National Board, Province and Endorsements

Date

OCTOBER 26 , 2001

APPROVED (Signatures available in Master File)

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-19-0217

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

Specification : NPD-M-40 .No Preservice examination was performed being Class3 except  
pressure testing per 0255-05-IIB-2 & invoked Code Case N-416-1 .IST was performed per 0255-  
05-IIB-2 NIS-2 was generated due to CR 20010344

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 Robert M. See XI Coordinator Date 10-10- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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 ROILER CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/10/01 to 10/10/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert A. Rube Commissions 11863 A, N.B. 44004028-C0  
Inspector's Signature National Board, Province and Endorsements

Date 10/10/01 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		<b>3613</b>
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-15-0218

**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 9/21/2001  
Name

2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u>	of	<u>2</u>
	Name				
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 93-00241</u>		
	Address		Repair Organization P.O. No..	Job No. etc.	

3. 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

4. Identification of System Reactor Vessel Building, TORUS 896 Elevation, HPCI water side

5. (a) Applicable Construction Code B 31.1, 1967 Edition  
 Addenda NA Code Case NA  
 Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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
TW1-14"-HE	CB&I	NA	N/A	Weld#239	<del>1993</del> 1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Repair surface indication found during pre-outage ISI on weld #239.*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °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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ITEM <sup>-15-</sup> 2001-15-0218

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

Specification Bechtel 5828-M-40 Surface examination was performed as preservice. No Pressure  
testing required per IWA-4400(b)(3) The indication removed by flapping less than 0.030 inches  
NIS-2 was generated due to CR 20010344

CERTIFICATE OF COMPLIANCE

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

Signed [Signature], See XI Coordinator Date 9-21, 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/6/01 to 10/6/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

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

Date 10/6/01

**APPROVED (Signatures available in Master File)**



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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM <sup>-164</sup> 2001-10-0219

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

Specification Bechtel NPD-M-38 Preservice is not required but final visual examination was performed. Pressure testing invoked code case N-498. IST was performed per 0255-04-IA-1, 0137-32-2 & 0255-04-IA-3 & 4900-2PM NIS-2 was generated due to CR 20010344

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 W. Sec XI Coordinator Date 9-21- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I+I Co of Hartford, CT have inspected the components described in this Owner's Report during the period 10/6/01 to 10/6/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 ABNE, MN 039600-CO  
Inspector's Signature National Board, Province and Endorsements  
Date 10/6/01

APPROVED (Signatures available in Master File)

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ITEM 2001-16-0220

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-16-0220

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

Specification : 5828-M-40 and 6453-M-213A and pressure test per 0255-05-IIA-1. NIS-2 was  
generated due to CR 20010344.

## . 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 W. Sec XI Coordinator  
 Owner or Owner's Designee, Title

Date

10-4-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/4/01 to 10/4/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NB 11872 ABNE, MN 039600-00

National Board, Province and Endorsements

Date

10/4/01

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-17-0221

- 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.

<p>1. Owner <u>Xcel Energy Company</u>  <div style="text-align: center;">Name</div> <p>2. Plant <u>Monticello Nuclear Generating Plant</u>  <div style="text-align: center;">Name</div> <p><u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>  <div style="text-align: center;">Address</div> <p>3. Work Performed By <u>NSP</u>  <div style="text-align: center;">Company Name</div> <p><u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>  <div style="text-align: center;">Address</div> <p>4. Identification of System <u>RSW RHR Service Water.</u></p> <p>5. (a) Applicable Construction Code <u>B 31.1</u>, <u>1977</u> Edition  <div style="text-align: right;">Year</div> <p>Addenda <u>W78</u> Code Case <u>NA</u></p> <p>(b) Applicable Edition of Section XI Utilized for Repairs or Replacement <u>1986</u></p> <p>6. Identification of Components Repaired or Replaced and Replacement Components</p> </p></p></p></p></p></p>	<p>Date <u>10/10/2001</u></p> <p>Sheet <u>1</u> of <u>2</u></p> <p><u>WO97-06112</u>  Repair Organization P.O. No., Job No. etc.</p> <p>Type Code Symbol Stamp <u>NA</u>  Authorization No. <u>NA</u>  Expiration Date <u>NA</u></p>
---	--

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
CV-1728, Valve body	Valtek	NA	N/A	NA	1987	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CV-1728, Valve	Valtek	ZFD	NA	NA	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"/>

7. Description of Work Replacement of Valve body.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 209 psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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11/02/01

ITEM 2001-17-0221

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) & 5828- M-40(Piping materials, Classification, and Standards for MNGP). No preservice examination was performed as exempted per Section XI IWD-2200 NIS-2 was generated due to CR 20010344 IST per 0255-05-1A-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 Robert K. Saxi, Coordinator Date 11-02- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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 LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 11/2/01 to 11/2/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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. D'Amico Commissions NB 11863 A, N, I MN 004028-00  
Inspector's Signature National Board, Province and Endorsements

Date NOVEMBER 2 , 2001

39609-520

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-19-0222

**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 9/27/2001  
 Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
 Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO00-01106  
 Address Repair Organization P.O. No., Job No. etc.

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

4. Identification of System RHRSW-13, 13 RHRSW Pump Discharge

5. (a) Applicable Construction Code B31.1, 1967 Edition  
 Year  
 Addenda NA Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 Edition

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
<del>Machining of Disc, RHRSW-1-3</del>	<u>Powell</u>		-	-	<u>2000</u>	<u>Repaired</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced disc on #13 RHRSW pump discharge check valve, EN.

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

**APPROVED (Signatures available in Master File)**

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-19-0222

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

Specification M-38 & 5828-M-40 No preservice exam. was performed No Pressure testing per IWA-4400(b.3) NIS-2 was generated due to CR 20010344 for return to code compliance issues. IST per 0255-05-1A-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.

Repair

repair/replacement

Signed

See xi coordinator

Date

9-27-2001

Owner of Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by NSB I & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/3/01 to 10/3/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NB 11872 ABNE, MN 039600-CO

National Board, Province and Endorsements

Date

10/3/01

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-15-0224

**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>	Date	<u>10/29/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO93-90043,93-90044(MOD 92Q300)</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System *Emergency diesel generator emergency service water.*

5. (a) Applicable Construction Code B 31.1, 1977 Edition  
Addenda W78 Code Case NA  
Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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-3-3	Velan	NA	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESW-3-3	Velan	N1147	NA	BS-2414	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESW-3-4	Velan	NA	NA	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESW-3-4	Velan	N1139	NA	BS-1980	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Welded gate valves to allow isolation of basket strainers.*

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 85 psi Test Temp 70 °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 de 10/29/01

ITEM 2001-15-0224

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) & 5828- M-40(Piping materials, Classification, and Standards for MNGP) & GE 21A5829. No preservice examination was performed as exempted per Section XI IWD-2200 NIS-2 was generated due to CR 20010344

Pressure test per 0255-11-IIA-1 & 2 at(1.1X design pressure)

## 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

Lalit Kh. Sengh, Coordinator  
Owner or Owner's Designee, Title

Date

10-29-2001

## CERTIFICATE OF INSERVICE INSPECTION

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 STEEL BOILER & F&E of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/29/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Bulley

Inspector's Signature

Commissions

NB 11823 B.N.I. HAN 004028-C0

National Board, Province and Endorsements

Date

OCTOBER 29, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-16-0225

**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 9/21/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 93-00673  
Address Repair Organization P.O. No., Job No. etc.

3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address

4. Identification of System Reactor Vessel Building Drywell "B" RECIRC.

5. (a) Applicable Construction Code B 31.1 , 1967 Edition  
Year  
Addenda NA Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Thermowells TE-2-107B	Tioga	na	N/A	PC2883	1993	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Thermowells TE-2-107B	Tioga	NA	NA		1969	Replaced	<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 Replaced the thermowells.

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 1100 psi Test Temp 100. °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2001-16-0225

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

Specification Bechtel 10040-300-M-401(Q) Rev3 Pressure testing per PM4910.NIS-2 was  
generated due to CR 20010344

## 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 Lehit Klu, See X-1 coordinator  
 Owner or Owner's Designee, Title

Date 9-21- 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I+I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/01/01 to 10/01/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions NB11872 ABNE, MN039600-Co

National Board, Province and Endorsements

Date 10/01/01

APPROVED (Signatures available in Master File)

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ITEM 2001-15-0226

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2001-15-0226

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) & 5828- M-40(Piping materials, Classification, and Standards for MNGP). No preservice examination was performed per IWD- 2500-1 Pressure testing per WO 93-90038 & WO 93-90039 NIS-2 was generated due to CR 20010344.

## . 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

Lalit Chandra, Senior Coordinator  
Owner or Owner's Designee, Title

Date

10-10-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/10/01 to 10/10/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

NB 11863 A.N.I. MN 01028-LO  
National Board, Province and Endorsements

Date

OCTOBER 10, 2001

APPROVED (Signatures available in Master File)

WO No. 92Q610

ITEM 2001-15-0226

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
ESW62-2	Velan	NA	NA	MK29	1993	Replacement		No
ESW-33 EFT	Velan	NA	NA	NA	1969	Replaced		No
ESW-33 EFT	Velan	NA	NA	N1646	1993	Replacement		No
ESW-34 EFT	Velan	NA	NA	NA	1969	Replaced		No
ESW-34 EFT	Velan	NA	NA	N1650	1993	Replacement		No
ESW33-1	Velan	NA	NA	NA	1969	Replaced		No
ESW33-1	Velan	NA	NA	E6161-12-5	1993	Replacement		No
ESW34-1	Velan	NA	NA	NA	1969	Replaced		No
ESW34-1	Velan	NA	NA	E6161-12-8	1993	Replacement		No

40501-520

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-15-0227

**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 10/10/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 MOD92Q295, WO 92-90378, 92-90373, 92-90412  
Address Repair Organization P.O. No., Job No. etc.

3. 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

4. Identification of System Hard pipe vent system

5. (a) Applicable Construction Code B31.1 , 1977 Edition  
Year  
Addenda W78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Support, TWH-50	NA	NA	N/A	Na	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RWC Piping	NA	NA	NA	NA	1969	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
AO-4539 Isolation valve	Valtex	86133.1-1	NA	PD3267SQ	NA	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
AO-4540, Isolation Valve	Valtex	86133.1-2	NA	NA	NA	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Penetration X-240	NA	NA	NA	NA	NA	REplacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. Description of Work Containment penetration, pipe and Isolation Valves.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 85 psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 12-4-01

ITEM 2001-15-0227

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

Integrated leak test of containment per 10CFR50, AppJ at 43.5 Psig. Preservice examination are not required since IWF-2000 was not in effect in 1993 when this work was completed. NDE were performed per ASME III, Class MC components. CR 20010334 was generated to take care of non-compliance issues.

## 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] Sec XI Coordinator Date 10-11, 2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 FIE of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/11/01 to 10/12/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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 4863 A, N E MW 004028-EO  
National Board, Province and Endorsements

Date OCTOBER 12, 2001

APPROVED (Signatures available in Master File)



<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		<b>3613</b>
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	<b>Revision 4</b>
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**ITEM 2001-18-0228**

**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>	Date	<u>10/26/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 9800447 &amp; 9800950</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System *ESW emergency service water.*

5. (a) Applicable Construction Code B 31.1, 1977 Edition  
Addenda W78 Code Case NA  
Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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
'B'ESW piping	NA	NA	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
'B'ESW piping	NA	NA	NA	NA	1998	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Remove/ Reinstall pipe for Hydrolazing.*

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 97 psi Test Temp 75 °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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10/26/2001

ITEM 2001-18-0228

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

Specification : NPD-M-38 & M-40 were used. No preservice examination was performed. Pressure testing per 0255-11-IIA-4 NIS-2 was generated due to CR 20010344

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

Rohit Ch, See N coordinator  
Owner or Owner's Designee, Title

Date

10-26-2001

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 I & E of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/26/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rohit A. Dubey  
Inspector's Signature

Commissions

NB 11863 A, N, S, MW 004028-00  
National Board, Province and Endorsements

Date

OCTOBER 26, 2001

APPROVED (Signatures available in Master File)

**APPROVED (Signatures available in Master File)**

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-15-229 <sup>229</sup>

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

Specification M-38 and 5828-M-40. Hydrostatic test 0255-04-1D and IST per 0255-04-1A-2&3 0255-04-1D-1 NIS-2 was developed due to CR-20010344.

**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] Senior Coordinator Date 8-31-01  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTIN S. STAMBOURK, INC. of MARTFORD, CT have inspected the components described in this Owner's Report during the period 9/5/01 to 9/14/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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, K, I MA 01-396  
Inspector's Signature National Board, Province and Endorsements

Date SEPTEMBER 19, 2001

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ITEM 2001-18-0230

**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 9/06/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9705673, 960180  
Address Repair Organization P.O. No., Job No. etc.

3. 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

#### 4. Identification of System *Core spray relief Valve RV-1746*

5. (a) Applicable Construction Code B31.1, 1967 1977 Edition  
Addenda W 78 Code Case W 111

**(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
Bolts, SA-193 B7(24)	NA	NA	NA	NA	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts, SA-193 B7 (24)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bolts SA 193B7 (24)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts SA 194 H (24)	NA	NA	NA	NA	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work *Replaced flange bolting*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 500 psi Test Temp 200 °F

**APPROVED (Signatures available in Master File)**

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0230

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

Specification M-38 and 5828-M-40. Hydrostatic Inspection was performed under WO #9705673 NIS-2 was developed due to CR-20010344

## .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

Rahit Kher See XI coordinator  
Owner of Owner's Designee, Title

Date

9-06- 01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NB 11872 ABNT, MN 035600 - CO

National Board, Province and Endorsements

Date

10/2/01

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 2001-19-0231

**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 9/28/2001  
 Name  
 2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
 Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9800448, 9800449, 9800950  
 Address Repair Organization P.O. No., Job No. etc.  
 3. 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

4. Identification of System "B" ESW supply piping in the Torus area (class 3)

5. (a) Applicable Construction Code B 31.1, 1967 Edition  
 Year  
 Addenda NA Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Piping ESW	NA	NA	N/A	NA	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"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Remove/Reinstall pipe for Hydrolazing

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
 Other ☐ Pressure 97 psi Test Temp Amb. °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 P.D. 12.3.01

ITEM 2001-16-0231

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

Specification Bechtel NPD-M-38 & 5828-M-40, No Preservice was performed being  
class 3. Pressure testing per 0255-11-IIA-4, IST was performed per 0255-11-III-4, NIS-2 was  
generated due to CR 20010344

## . 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

Lalit K. KhoslaSee xi coordinated

Date

9-282001

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I+E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/1/01 to 10/01/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NB 11872 AB NE, MN 039600-CO

National Board, Province and Endorsements

Date

10/01/01

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		<b>3613</b>
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-16-0232

**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 10/17/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO9300828,9908068  
Address Repair Organization P.O. No., Job No. etc.

3. 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

#### 4. Identification of System *HPCI Vacuum Breaker Class 2*

5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year

Addenda W78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
HPCI- 71 Valve	Circle Seal	NA	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HPCI- 71 Valve	Circle Seal	Model #2245-16PP	NA	HT# 222886	1978	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2" piping	NA	NA	NA	NA	1993	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Replacement of HPCI-71 valve and 2" piping stub..*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 188 psi Test Temp 75 °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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16 D.D. 12-3-01

ITEM 2001-180232

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) ,5828-M-40 .Preservice examination exempted IWC-1221(a) .Pressure testing per MP-99Q190-01 IST was performed per 0255-06-1A-8 NIS-2 was generated due to CR 20010344. Refer to CR 20015757 for VT-2 non-conformance associated with WO-93-0828.

### 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

See XI Coordinator  
Owner or Owner's Designee, Title

Date

10-19-2001

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/16/01 to 10/17/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

K. A. Dubois  
Inspector's Signature

Commissions

NB 11667 A, N. J. MN 004028-CO  
National Board, Province and Endorsements

Date

OCTOBER 17, 2001

APPROVED (Signatures available in Master File)

41701-500

ITEM 2001-18-0233

**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>	Date	<u>10/04/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 9800448 &amp; 9800950</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System *ESW emergency service water.*

5. (a) Applicable Construction Code B 31.1, 1967 Edition  
 Addenda NA Code Case NA  
 Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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>ESW piping</i>	<i>NA</i>	<i>NA</i>	<i>N/A</i>	<i>NA</i>	<i>1969_</i>	<i>Replaced</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ESW piping</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>1998</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"/>

7. Description of Work *Remove/Reinstall pipe for Hydrolazing.*

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 97 psi Test Temp 70 °F  
Amb.  
62 10/12/01.

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 b.d.m. 12.3.01

ITEM 2001-18-0233

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

Specification : NPD-M-38 & M-40. No preservice examination was performed. Pressure testing per 0255-11-IIA-4 & IST per 0255-11-III-4 NIS-2 was generated due to CR 20010344

## 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 M. Secchi, coordinator  
Owner or Owner's Designee, Title

Date

10-04-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER I & J of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/12/01 to 10/12/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Pulcinella

Inspector's Signature

Commissions

NB 1863 A.M. MNR 00-4028-00  
National Board, Province and Endorsements

Date

OCTOBER 12

2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-15-0234 2001 11/2/01

**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 8/21/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 92-06989  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
4. Identification of System Reactor Building Elevation 903'
5. (a) Applicable Construction Code B31.1 , 1973 Edition  
Year  
Addenda NA Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
TW20-14"-GE	CB&I	Weld# RHR-2	N/A	NA	1992	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Remove surface indication on weld # RHR-2
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM <sup>15 Nov 11/05/01</sup> 2001-48-0234 <sup>7/11 11/6/01</sup>

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

Specification M-38 and 5828-M-40. Indication was removed by flapping: 0.040 of the base metal.Pressure testing not required per IWA -4400 b.3. NDE was performed after the repair. NIS-2 was developed due to CR-20010344.

## 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

Rudolph A. Rudolph, Safety Coordinator  
 Owner or Owner's Designee, Title

Date

8-21, 01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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, LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 8/24/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Rudolph A. Rudolph  
 Inspector's Signature

Commissions

NB 11863 A NF 4N 396

National Board, Province and Endorsements

Date

8/24/01

APPROVED (Signatures available in Master File)

42104-580

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM <sup>15</sup> ~~2001-18-0235~~ <sup>11/05/01</sup> ~~211/06/01~~

**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 8/21/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 92-6952 92-6852  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
4. Identification of System Reactor Building
5. (a) Applicable Construction Code B31.1, 1973 1967 Edition  
Year  
Addenda NA Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
<u>TW24-12"-GE</u>	<u>CB&amp;I</u>	<u>Weld# RHR-1</u>	<u>N/A</u>	<u>TW19-10"-GE</u>	<u>1992</u>	<u>Replaced</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Remove surface indication on weld # RHR-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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8/24/01

ITEM 2001-18-0235 8/24/01

9. Remarks (Applicable Manufacturer's Data Reports to be Attached) 8/24/01

Specification M-38 and 5828-M-40. Indication was removed by flapping: 0.030 of the base metal.Pressure testing not required per IWA -4400 b.3 NDE was performed after the repair NIS-2 wasdeveloped due to CR-20010344

## 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

[Signature]

See XI Coordinator

Date

8-21-01

Owner of Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 8/24/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

NB 11843 AND MW 396

National Board, Province and Endorsements

Date

8/24/01

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0236 <sup>15 Nov 11/05/01</sup> ~~11/05/01~~ <sup>11/6/01</sup>

**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 8/21/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 92-6957  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
4. Identification of System Reactor Building Elevation 935'
5. (a) Applicable Construction Code B31.1 , 1973 <sup>12</sup> 1967 Edition  
Year  
Addenda NA Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
<u>TW20-16"-DB</u>	<u>CB&amp;I</u>	<u>Weld# RHR-31</u>	<u>N/A</u>	<u>NA</u>	<u>1992</u>	<u>Repaired</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Remove surface indication on weld # RHR-31
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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11/10/01

K. 11/10/01

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

Specification M-38 and 5828-M-40. Indication was removed by flapping: 0.030 of the base metal.

Pressure testing not required per IWA -4400 b.3. NDE was performed after the repair. NIS-2 was developed due to CR-20010344

## 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

Salit/Kh. Saei Coordinator  
Owner or Owner's Designee, Title

Date

8-21-

01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER I+J of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 8/24/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Commissions

NB 11863 ANI MN 396  
National Board, Province and Endorsements

Date

AUGUST 24, 2001

APPROVED (Signatures available in Master File)

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0237

**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>	Date	<u>8/21/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 92-6980</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

#### 4. Identification of System *Reactor Building Elevation 903'*

5. (a) Applicable Construction Code B31.1, 1973 <sup>1967</sup> Edition  
 Addenda NA Code Case NA  
 Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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
TW20-14"-GE	CB&I	Weld# RHR-3	N/A		1992	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Remove surface indication on weld # RHR-3*

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

**APPROVED (Signatures available in Master File)**

MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0237 15 hr 11/05/01 245 46/01

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

Specification M-38 and 5828-M-40. Indication was removed by flapping: 0.040 of the base metal.Pressure testing not required per IWA -4400 b.3. NDE was performed after the repair. NIS-2 was developed due to CR-20010344.

## 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. See XI Coordinator  
Owner or Owner's Designee, Title

Date

8-21-01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 DIV of HARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 8/24/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Kent A. Rutledge  
Inspector's Signature

Commissions

NB 11863 AND MIN 396  
National Board, Province and Endorsements

Date AUGUST 24, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0238

**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 8/21/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9800066, 9800068 97Q020  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System RHR A Room rerate Support Modification
- (a) Applicable Construction Code B31.1 1973 1967 Edition  
Addenda NA Code Case NA  
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
E-200A	NA	N/A	N/A	NA	1998	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
E-200B	NA	NA	NA	NA	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 Modify RHR heat exchangers Supports for power rerate conditions.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0238

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

Specification M-38 and 10040-C43. Preservice testing VT-3 was performed NIS-2 was developed due to CR-20010344.

## . 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 Don't Kh. See XI Coordinator  
Owner or Owner's Designee, Title

Date 8-21-01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTFORD STEAM BOILER & I of MARTFORD, CT have inspected the components described in this Owner's Report during the period 8/24/01 to 8/24/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Kim A. Ruckelshaus  
Inspector's Signature

Commissions NB 11863 AND MIN 896  
National Board, Province and Endorsements

Date August 24, 2001

**APPROVED (Signatures available in Master File)**

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-17-0239

**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>	Date	<u>10/09/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO9703807</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System RSW RHR Service Water, Class3

5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year  
Addenda W 78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
AV-3147 Valve	Crispen	NA	N/A	NA	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Machined flat for proper seal with the gasket.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 235 psi Test Temp 28 F  
*Not required*

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 2001-17-0239

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

No preservice examination was performed. No Pressure testing per IWA-4400 since the weld repairs do not penetrate through the pressure boundary. CR 20010344 generated to take care of code compliance issues. IST was performed per 0255-05-1A-1 procedure.

CERTIFICATE OF COMPLIANCE

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

Signed Rubert H. See, Jr. Coordinator Date 10-09 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MASSACHUSETTS and employed by HARTFORD STEAM BOILER 215 of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/10/01 to 10/10/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Pulawski Commissions KB 11863 A, N, S LIN 204228-00  
Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 10 2001



# MONTICELLO NUCLEAR GENERATING PLANT

3613

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

Revision 4

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ITEM 2001-17-0240

D.B. 12-3-01

**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 10/15/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9603186, 9703535  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
4. Identification of System RSW RHR Service water
5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year  
Addenda W78 Code Case NA  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
AV-3150	Crispen/GA Ind.	NA	N/A	NA	1969	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RHR5W-52-2	Crispen/GA Ind.	961840 D	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Studs(4)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cap Screws(12)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts(20)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. Description of Work Replacement of RHR5W-52-2 & remove AV-3150, machine interfacing flange surfaces.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 230 psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-17-0240

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

Specification : IST & pressure testing were performed per 0255-05-1A-1. NIS-2 was generated due to CR 20010344.

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 Lubitz, Sec XI coordinator Date 10-15, 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MILWAUKEE and employed by HARTFORD STEAM BOILER #12 of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/19/01 to 10/19/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Radolich

Inspector's Signature

Commissions 4B 11863 N, N, E MW 004028-10  
National Board, Province and Endorsements

Date OCT 19 2001

APPROVED (Signatures available in Master File)



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ITEM 2001-17-0241

**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 10/15/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9603188,9703533  
Address Repair Organization P.O. No., Job No. etc.

3. 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

4. Identification of System *RSW RHR Service water*

5. (a) Applicable Construction Code B 31.1, 1977 Edition  
Addenda W78 Code Case NA  
Year

**(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986**

## 6. Identification of Components Repaired or Replaced and Replacement 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
AV-3148	Crispen/GA Ind.	NA	N/A	NA	1969	Repair Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RHR5W-52-4	Crispen/GA Ind.	961840-E	NA	NA	1996	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Studs(4)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cap Screws(12)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. Description of Work *Replacement of RHRSW-52-4 & remove AV-3148 ,machine interfacing flange surfaces.*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 235 psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM 2001-17-0241

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

Specification : IST & pressure testing were performed per 0255-05-1A-1. NIS-2 was generated due to CR 20010344.

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 Delia K. Sec XI Coordinator Date 10-15-2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTIN STEAM BOILER, INC. of MARTIN, CT have inspected the components described in this Owner's Report during the period 10/17/01 to 10/17/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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. Delia Commissions NB 11863 A, L, I MA 004028-CO  
Inspector's Signature National Board, Province and Endorsements

Date SEPT 17 , 2001

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-17-0242

**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>	Date	<u>10/15/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 9704242, 9704062</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System RSW RHR Service water, Class 3

5. (a) Applicable Construction Code B 31.1, 1977 Edition  
Year

Addenda W78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
AV-3148 <sup>3147</sup>	Crispen/GA Ind.	NA	N/A	NA	1969	<del>Replacement</del>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RHRSW-52-1	Crispen/GA Ind.	NA	NA	NA	1998	<del>Repair</del> Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts(16)	NA	NA	NA	NA	1998	Rplacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts(16)	NA	NA	NA	NA	1998	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work *Replacement of RHRSW-52-1 & remove AV-3147 ,machine interfacing flange surfaces.*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 230 psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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for 10/15/01

ITEM 2001-17-0242

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

Specification : IST & pressure testing were performed per 0255-05-1A-1. NIS-2 was generated due to CR 20010344.

## 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

Lalit K. Srivastava, Coordinator  
Owner or Owner's Designee, Title

Date 10-15- 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of ILLINOIS and employed by HARTFORD STEAM BOILER INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/19/01 to 10/19/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Pulati  
Inspector's Signature

Commissions NR 11863 to NR 2114004028-00  
National Board, Province and Endorsements

Date OCTOBER 12, 2001

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-17-0243 12-3-01

**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>	Date	<u>10/15/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 9704243, 9704063</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System RSW RHR Service water, Class 3

5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year  
 Addenda W78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
AV-3149	Crispen/GA Ind.	NA	N/A	NA	1969	Repaired Replaced in 10/15/01	<input type="checkbox"/>	<input checked="" type="checkbox"/>
RHRSW-52-3	Crispen/GA Ind.	NA	NA	NA	1996	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Studs(4)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cap screw(4)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts(16)	NA	NA	NA	NA	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. Description of Work Replacement of RHRSW-52-3 & remove AV-3149 ,machine interfacing flange surfaces.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
 Other ☒ Pressure 220 psi Test Temp NA °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 2 of 3

ITEM 2001-17-0243

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

Specification : IST & pressure testing were performed per 0255-05-1A-1. NIS-2 was generated due to CR 20010344

## 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 Ralph J. Lee, Sec XI Coordinator Date 10 - 15, 2001  
Owner of Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/15/01 to 10/15/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Rutkowski  
Inspector's Signature

Commissions NB 31563 A, N, E MINN 30402B-CO  
National Board, Province and Endorsements

Date OCTOBER 15, 2001

APPROVED (Signatures available in Master File)

WO No. 9704243

ITEM 2001-17-0243

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
Studs (4)	NA	NA	NA	NA	1997	Replaced		No
Cap Screws (4)	NA	NA	NA	NA	1997	Replaced		No
Nuts (16)	NA	NA	NA	NA	1997	Replaced		No
AV-3149, Check Valve	Crispen/ GA Ind.	NA	NA	NA	1997	Replacement		No

442 cf-502

ITEM 2001-18-0246

#### 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
Plug	Valtex	NA	NA	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Plug	Valtex	NA	NA	NA	1995	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"/>

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

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0246 <sup>17</sup> ~~11/05/01~~ ~~8/25 11/01/01~~

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

Specification NPD-M-38. testing per 0255-05-1A-1&Pressure test is not required as plug is not  
pressure retaining component. NIS-2 was developed due to CR 20010344

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. Seery, Coordinator Date 8-24 . 01  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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 MARTFORD STEAM BOILER I+II of MARTFORD, CT have inspected the components described in this Owner's Report during the period 8/27/01 to 8/27/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Robert A. Pulley  
Inspector's Signature

Commissions NP 11863 AND LNW 296  
National Board, Province and Endorsements

Date AUGUST 27 . 2001

APPROVED (Signatures available in Master File)

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ITEM 2001-18-0247

**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.

## 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
RHRW Pump Spare	Johnston	2263	NA	NA	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

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

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0247

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

Specification NPD-M-38, testing per 0255-05-1A-1&Pressure test is not required per IWA-  
4400(b)(3) NIS was developed due to CR 20010344

## 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 L. Chel See NIS Coordinator  
 Owner or Owner's Designee, Title

Date

8-24-01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER I+I of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9/5/01 to 9/6/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Peltz  
 Inspector's Signature

Commissions

NB 11862 A, N, E MIN 01-396  
 National Board, Province and Endorsements

Date SEPTEMBER 6, 2001

APPROVED (Signatures available in Master File)

3613

Revision 4

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**APPROVED (Signatures available in Master File)**



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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-15-0248 2-22-9/21/2001 15 009/21/01

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

Specification Bechtel 5828-M-40 & NPD-M-38 Preservice VT-3 examination was performed twice. No Pressure testing required. NIS-2 was generated due to CR 20010344

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 John H. See xi coordinated Date 9-21-2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I+I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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 NB11872 ABUI, MN03560-CO  
Inspector's Signature National Board, Province and Endorsements

Date 10/2/01

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		<b>3613</b>
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	<b>Revision 4</b>
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**ITEM 2001-15-0249**

**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>	Date	<u>9/21/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 92-06809</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System Reactor Vessel Building, RHR

5. (a) Applicable Construction Code B 31.1, 1967 Edition  
Addenda NA Code Case NA  
Year

**(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986**

## 6. Identification of Components Repaired or Replaced and Replacement 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
TW20-14"-GE	CB&I	NA	N/A	NA	1992 1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Repair surface indication found during pre-outage ISI.*

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

**APPROVED (Signatures available in Master File)**

44901-500

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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ITEM <sup>-15-12</sup> 2001-19-0249

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

Specification Bechtel 5828-M-40 Surface examination was performed as preservice. No Pressure testing required per IWA-4400(b)(3) The indication removed by flapping less than 0.020 inches leaving a wall thickness of 0.372 inches NIS-2 was generated due to CR 20010344

CERTIFICATE OF COMPLIANCE

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

Signed Lalit Ch, See XI coordinator Date 9-21- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/01/01 to 10/01/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 ABNE, MN 035600-CO  
Inspector's Signature National Board, Province and Endorsements

Date 10/01/01

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		<b>3613</b>
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	<b>Revision 4</b>
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**ITEM 2001-16-0250**

**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>	Date	<u>9/24/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 93-00939</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

4. Identification of System AO-10-46A, Rx/TR, 'A' LPC1 Injection on check valve

5. (a) Applicable Construction Code B 31.1, 1967 Edition  
 Addenda NA Code Case NA  
 Year

**(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986**

## 6. Identification of Components Repaired or Replaced and Replacement 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
Seal Weld	Atwood & Morrill	NA	N/A	NA	1993	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

**7. Description of Work** *Seal weld position tube to bonnet.*

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 1010 psi Test Temp 200. °F

**APPROVED (Signatures available in Master File)**

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-16-0250

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

Specification Bechtel NPD-M-38 & 5828-M-40 Preservice LP was performed. Pressure testing per 0255-20-IIC-1 IST was performed per 0255-04-IA-2, 0255-04-IA-3, 0255-04-ID-1 NIS-2 was generated due to CR 20010344

## . 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 K. ChSee XI Coordinator

Date

9-242001

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Massachusetts and employed by HSB E & I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/3/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

RLL

Inspector's Signature

Commissions

NB 11873 ABNE, MN 039600-CO

National Board, Province and Endorsements

Date

10/3/01

APPROVED (Signatures available in Master File)



45301-500

MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 b. 12-7-01

ITEM 2001-18-0258

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

Specification : GE 21A 9206 & ANSI B 16.5. IST per 4280-3PM. NIS-2 was generated due to CR  
20010344

## 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. See XI Coordinator  
 Owner or Owner's Designee, Title

Date

10-4-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/4/01 to 10/4/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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



Inspector's Signature

Commissions

NB 11872 ABME, MN 039600-00

National Board, Province and Endorsements

Date

10/4/01

APPROVED (Signatures available in Master File)

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

ITEM 2001-18-0259

**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 10/05/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9703461  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System MST Main Steam.
- (a) Applicable Construction Code GE Spec. No. 21A9206, Rev.6 , -                      Edition  
Addenda - 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
SRV-169	Target Rock	169	N/A	NV/169	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Weld repair of gouges present and replacement of name plate in topworks.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1109 psi Test Temp 539 °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 2 of 2

N-10/26/01

ITEM 2001-18-0259

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

Specification : GE 21A 9206 and ANSI B 16.5 were used. IST was performed per 4280-3PM. NIS-2 was generated due to CR 20010344.

## 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 Rahit Kh, See x1 coordinate Date 10-26- 2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

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 FIS of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/26/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Lube  
Inspector's Signature

Commissions NB 11863 AIA, & HAW 034028-CO  
National Board, Province and Endorsements

Date OCTOBER 26, 2001

APPROVED (Signatures available in Master File)

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ITEM 2001-18-0260

**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 10/05/2001  
Name

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

2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362	WO 9703462
Address	Repair Organization P.O. No., Job No. etc.

3. 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

#### 4. Identification of System *MST Main Steam.*

5. (a) Applicable Construction Code GE Spec. No. 21A9206, Rev.6,      Year      Edition

**Addenda - Code Case NA**

**(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986**

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
SRV-6	Target Rock	SS-6	N/A	NV/6	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work *Weld repair of gouges present in topworks.*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1109 psi Test Temp 539 °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0260

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

Specification : GE 21A 9206 and ANSI B 16.5 IST was performed per 4280-3PM . NIS-2 was  
generated due to CR 20010344

## .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 W. Sec XI Coordinator  
 Owner or Owner's Designee, Title

Date

10-5-2001

## CERTIFICATE OF INSERVICE INSPECTION

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 & JT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/10/01 to 10/10/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Bullock  
 Inspector's Signature

Commissions

NR 11863 N, N, E MA 004028-00  
 National Board, Province and Endorsements

Date

OCTOBER 102001

APPROVED (Signatures available in Master File)

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

**NOTE 1:** This form may not address all items needed for documentation of a repair/replacement program, see 4 AWI-09.04.03 (ASME SECTION XI REPAIR/REPLACEMENT PROGRAM) for further guidance.

1. Owner	<u>Xcel Energy Company</u>	Date	<u>10/05/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO 9703478</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NSP</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

#### 4. Identification of System *MST Main Steam.*

5. (a) Applicable Construction Code GE Spec. No. 21A9206, Rev.6, - Edition  
 Addenda - Code Case NA  
 Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement 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
SRV-123	Target Rock	123	N/A	NV/123	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work *Replacement of name plate.*

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1113 psi Test Temp 536 °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 D.D.  
12-3-01

ITEM 2001-18-0261

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

Specification : GE 21A 9206 Rev.6 and ANSI B 16.5 were used. IST was performed per  
4280-3PM. NIS-2 was generated due to CR 20010344.

## 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 Salix Feb. Sec 1 Coordinator Date 10-26, 2001  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MICHIGAN and employed by HARTFORD STEAM BOILER INC of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/26/01 to 10/27/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Pulaski Commissions NB 11863 A, N I AN 004028-00  
 Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 26, 2001

APPROVED (Signatures available in Master File)

ITEM 2001-18-0262

**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.

## 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
SRV-208	Target Rock	208	N/A	NV/208	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1107 psi Test Temp 458 °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0262

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

Specification : GE 21A 9206 Rev. 6 and ANSI B 16.5 were used. IST was performed per 4280-3PM. NIS-2 was generated due to CR 20010344

## 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 K. See XI Coordinator  
Owner or Owner's Designee, Title

Date 10-26-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MILWAUKEE and employed by HARTFORD STEAM BOILER LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/26/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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

AB 11863 4, 11, 2 1116 334028-00  
National Board, Province and Endorsements

Date OCTOBER 26, 2001

APPROVED (Signatures available in Master File)

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0263

**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>	Date	<u>9/19/2001</u>
	Name		
2. Plant	<u>Monticello Nuclear Generating Plant</u>	Sheet	<u>1</u> of <u>2</u>
	Name		
	<u>2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362</u>		<u>WO9703480</u>
	Address		Repair Organization P.O. No., Job No. etc.
3. Work Performed By	<u>NMC</u>	Type Code Symbol Stamp	<u>NA</u>
	Company Name	Authorization No.	<u>NA</u>
	<u>2807 W. Cnty. Rd. 75, Monticello, MN 55362</u>	Expiration Date	<u>NA</u>
	Address		

#### 4. Identification of System *MST Main Steam*

5. (a) Applicable Construction Code B31.4 GE SPEC. 21A9206 rev. 6, 1967 Edition  
 Addenda NA Code Case NA  
 Year

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 Edition

## 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
Name Plate	Target Rock	SS 217	NA	NV/217	1997	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SRV-217 Bonnet	Target Rock	SS-217	NA	NV/217	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SRV-197	Target Rock	SS-197	NA	NV/197	1969	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replacement of name plate & Bonnet; repair of name plate

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure ~ 1103 psi Test Temp 120 °F

**APPROVED (Signatures available in Master File)**



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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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2 b.d. 12-3-01

ITEM 2001-18-0263

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

Specification GE 21A9206 & ANSI B 16.5 IST per 4280-3PM. NIS-2 was developed due to CR  
20010344.

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 Robert L. H. See XI Coordinator Date 9-19- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/3/01 to 10/3/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 ABNT, MN 039600-C0  
Inspector's Signature National Board, Province and Endorsements

Date 10/3/01

ITEM 2001-18-0264

**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.

## 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
SRV 196	Target Rock	NA	N/A	NV/196	1969	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Repair of 2nd stage seat, seal weld and replacement of guide bushing.

8. Tests Conducted: Hydrostatic ☒ ~~Hy~~ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 4010 1100 psi Test Temp 477 °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-18-0264

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

Specification : GE 21A9206 & ANSI B 16.5.1ST per 4280- 3PM. NIS-2 was generated due to CR  
20010344

## .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 K. See x1 coordinator  
 Owner or Owner's Designee, Title

Date

10-4- , 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I+I Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/4/01 to 10/4/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]  
 Inspector's Signature

Commissions

NB 11872 ASME, MW 039601-CO  
 National Board, Province and Endorsements

Date

10/4/01

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-19-0265

**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 9/07/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9904296  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System APR Automatic Press Relief (spare)
- (a) Applicable Construction Code ASME III, Article 9, 1968 Edition  
Year  
Addenda W1968 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
<i>RV</i>	<i>Target Rock</i>	<i>See below</i>	<i>N/A</i>	<i>NA</i>	<i>1999</i>	<i>Repaired</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Tack Weld pilot inlet</i>	<i>Target Rock</i>	<i>See below</i>	<i>NA</i>	<i>NA</i>	<i>1999</i>	<i>Repaired</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 Relief valve Main Stage Bodies, Serial Numbers 169,170,194,195,196,197,208,216, and 217.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp Na. °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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ITEM 2001-19-0265

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

Specification M-38 and 5828-M-40 and 21A9206 NO Pressure test. These SRV main stage bodies are not presently installed and have been placed in warehouse stock for future use. Per IWA-4400, a system hydrostatic test of SRV topworks is not required since the flange machining and tack welds did not penetrate through the pressure boundary.

CERTIFICATE OF COMPLIANCE

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

Signed Robert L. H. See XI Coordinator Date 9-13- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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 CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Belcher Commissions NO 11863 & NJ LN 004028-CD  
Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 2 , 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-19-0266

**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 9/13/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 4280-03-PM  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
4. Identification of System Main Steam Safety/ Relief Valve (Share) 2/11/01
5. (a) Applicable Construction Code ASME III, Article 9 , 1968 Edition  
Year  
Addenda W1968 Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Seal Weld Bellows	Target Rock	NV/5	N/A	NA	1999	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bellows	Target Rock	NV/5	NA	Na	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bellows	Target Rock	NV/5	NA	NA	1999	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replaced bellows and seal weld bellows to topworks body add weld metal to bellows mounting pedestal.

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

**APPROVED (Signatures available in Master File)**

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-19-0266

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

Specification M-38 and 5828-M-40 and 21A9206 Pressure test. per procedure 0255-20-IIC and IST per 4280-PM. NIS-2 Form was developed due CR 20010344.

## 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 Luigi Ichi Seesi coordinator Date 9-13- 2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 9/14/01 to 9/14/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Bulaly Commissions NB 4563 NBI MIN 01-396  
Inspector's Signature National Board, Province and Endorsements

Date SEPTEMBER 14 2001

APPROVED (Signatures available in Master File)

470 01- 502

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-19-0267

**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 9/25/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 4280PM(2/24/2000)WO9905172  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NMC Type Code Symbol Stamp NA  
Company Name  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Authorization No. NA  
Address Expiration Date NA
4. Identification of System Main steam safety valve
5. (a) Applicable Construction Code B31.1, 1967 Edition  
Year  
Addenda NA Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986 Edition

## 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 (12) A-193-B7	Target Rock	SS-208	-	NV/208	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts (12) A-194Gr.7	Target Rock	SS-208	-	NV/208	2001	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bolts (12) A-193-B7	Target Rock	SS-208	-	NV/208	2000	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts (12) A194Gr.7	Target Rock	SS-208	-	NV/208	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Replace Pilot Assembly-to-Main Stage Flange Bolting
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 1010 psi Test Temp 200 °F

APPROVED (Signatures available in Master File)



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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-19-0267

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

Specification GE 21A9206 Rev.6VT-1 preservice exam . was performed Leak test on procedure  
4280-OCD IST per Procedure 0112NIS -2 was generated dueto CR 20010344 for return to code  
compliance issues

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 Lalit Kh see XI coordinator Date 9-25- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I + E Co. of Hartford, CT have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 AB/E, MW 035600-CO  
Inspector's Signature National Board, Province and Endorsements

Date 10/2/01

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0270

**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 10/05/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9908609, 9904990, 9907587, 9908303, 9907487 /MOD 99Q055  
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 RWCU inlet Inboard Isol.
- (a) Applicable Construction Code B 31.1 , 1977 Edition  
Addenda W78 Code Case NA  
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
MO-2397	Anchor Darling	NA	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MO-2397	Anchor Darling	3315-A	NA	NA	1977	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-2397 valve and associated piping.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 1005 psi Test Temp 245 °F

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0270

## 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 examination was performed in accordance with IWB-2200 per Xcel Energy ISI program. Pressure testing per 0255-20-IIC-2 & invoked Code Case N-416-1 .IST was performed per MP-99Q055-09 under WO 9907487. NIS-2 was generated due to CR 20010344.

## 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 Salif Ich, See XI coordinator Date 10-11-2001  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTMAN STEAM BOILER CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/5/01 to 10/18/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Lulick Commissions NB 11863 A.N.I. MINN 004028-CO  
Inspector's Signature National Board, Province and Endorsements  
Date OCTOBER 18 , 2001

APPROVED (Signatures available in Master File)

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0271

**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 10/05/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9908609,9904991,9907587,9907487  
Address /MOD 99Q055  
Repair Organization P.O. No., Job No. etc.

3. 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

4. Identification of System RWCU inlet Inboard Isol.

5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year  
Addenda W78 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
MO-2398	Anchor Darling	NA	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MO-2398	Anchor Darling	3315-B	NA	NA	1977	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 Replacement of MO-2398 valve and associated piping.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 1005 psi Test Temp 245 °F

**APPROVED (Signatures available in Master File)**

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

ITEM 2001-18-0271

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 examination was performed in accordance with IWB-2200 per Xcel Energy ISI program .Pressure testing per 0255-20-IIC-2 & invoked Code Case N-416-1 .IST was performed per MP-99Q055-09 under WO 9907487. NIS-2 was generated due to CR 20010344.

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

Shitich Searl Coordinator  
Owner or Owner's Designee, Title

Date

10-11- 2001

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MASSACHUSETTS and employed by HARTFORD STEEL BOILER I+I of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/5/01 to 10/18/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Dubecki

Inspector's Signature

Commissions

NB 11863 A, N, F NR 004028-C0  
National Board, Province and Endorsements

Date

OCTOBER 18 , 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-18-0272

**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 10/16/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO's 9703766, 0108379, 9703766  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System CRH control rod drive hydraulic Class 2.
- (a) Applicable Construction Code Section VIII , 1974 Edition  
Addenda s75 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
HCU-30-47	GE	NA	N/A	NV/7	1969	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HCU-30-47	GE	C0457	NA	NA	1979	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 HCU accumulator.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1480 psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0272

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

Design Spec. GE 21A5198. No preservice examination was performed per IWC- 2500. Pressure testing per IWA-5000 and IWC-5221. CR20016025, CR20015757, & CR20010344 were generated to take care of different code compliance issues. Accumulator replaced per 4010 PM WO 9703766.

## . 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

Blit H. See XI coordinator  
Owner or Owner's Designee, Title

Date

10-26- 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTIN STEAM BOILER LTD of MARTIN, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

NB 11863 ASME, I MH 004018-CO  
National Board, Province and Endorsements

Date

OCTOBER 26 , 2001

APPROVED (Signatures available in Master File)

47801-500

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0273

**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 10/16/2001  
Name

2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO's 9803409,0108379,9703766  
Address Repair Organization P.O. No., Job No. etc.

3. 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

4. Identification of System CRH control rod drive hydraulic Class 2.

5. (a) Applicable Construction Code Section VIII, 1974 Edition  
Year  
Addenda S 75 Code Case NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
HCU-46-31	GE	NA	N/A	NV/7	1969	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HCU-46-31	GE	H2828	NA	NA	1980	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"/>

7. Description of Work Replace HCU accumulator.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1480 psi Test Temp NA °F

APPROVED (Signatures available in Master File)



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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM 2001-18-0273

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

Design Spec. GE 21A5198. No preservice examination was performed per IWC- 2500. Pressure testing per IWA-5000 and IWC-5221 CR20016025, CR20015757, & CR20010344 were generated to take care of different code compliance issues. Accumulator replaced per 4010PM wo9703766

## . 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 J. See XI Coordinator  
Owner or Owner's Designee, Title

Date

10 - 18 - 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by HARTFORD STEAM BOILER & I of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/22/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Rudolph  
Inspector's Signature

Commissions

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

Date OCTOBER 22, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0274

**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 10/16/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO's 9801078, 0108379, 9703766  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System CRH control rod drive hydraulic Class 2.
- (a) Applicable Construction Code Section VIII , 1974 Edition  
Addenda S 75 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
HCU-38-11	GE	NA	N/A	NV/7	1969	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HCU-38-11	GE	H2230	NA	NA	1979	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 HCU accumulator.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1480 psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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10/18/01

ITEM 2001-18-0274

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

Design Spec. GE 21A5198. No preservice examination was performed per IWC- 2500. Pressure testing per IWA-5000 and IWC-5221. CR20016025, CR20015757, & CR20010344 were generated to take care of different code compliance issues. Accumulator replaced per 4010PM wo9703766

## 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 K. Searl, Sr. Coordinator  
Owner or Owner's Designee, Title

Date

10-18-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 CO. OF HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/22/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Rubicki  
Inspector's Signature

Commissions

KB 11863 A, N. I. 42004028-CO  
National Board, Province and Endorsements

Date

OCTOBER 22, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0275

**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 10/16/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO's 9705855,0108379,9703766  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System CRH control rod drive hydraulic Class 2.
- (a) Applicable Construction Code Section VIII, 1974 Edition  
Addenda s75 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
HCU-50-27	GE	NA	N/A	NV/7	1969	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HCU-50-27	GE	C0539	NA	NA	1979	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 HCU accumulator.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1480 psi Test Temp NA °F

APPROVED (Signatures available in Master File)

483 of 500

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0275

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

Design Spec. GE 21A5198. No preservice examination was performed per IWC- 2500. Pressure testing per IWA-5000 and IWC-5221. CR20016025, CR20015757, & CR20010344 were generated to take care of different code compliance issues. Accumulator replaced per 4010 PM WO 9703766.

## . 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

Larry W. Seeley, Coordinator  
Owner or Owner's Designee, Title

Date

10-18-2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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&E of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/22/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions

NB 12863 A, P, & MN 004028-00  
National Board, Province and Endorsements

Date

OCTOBER 22, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0276

**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 10/16/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO's 9705838, 0108379, 9703766  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System CRH control rod drive hydraulic Class 2.
- (a) Applicable Construction Code Section VIII, 1974 Edition  
Addenda S 75 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
HCU-10-23	GE	NA	N/A	NV/7	1969	Replaced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HCU-10-23	GE	H2230	NA	NA	1979	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 HCU accumulator.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☒ Pressure 1480 psi Test Temp NA °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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10/18/01

ITEM 2001-18-0276

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

Design Spec. GE 21A5198. No preservice examination was performed per IWA- 2500. Pressure testing per IWA-5000 and IWC-5221. CR20016025, CR20015757, & CR20010344 were generated to take care of different code compliance issues. Accumulator replaced per 4010 PM WO 9703766.

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 Ruhf/Ch, See XI Coordinator Date 10-18, 2001  
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of HAWAII and employed by HART FORD STEAM BOILER #11 of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/22/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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. Pulaski Commissions WB 11863, A, N, E HW 004028-CO  
 Inspector's Signature National Board, Province and Endorsements  
 Date OCTOBER 22, 2001

4860/-500

ITEM 2001-18-0277

**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 7-9-01  
Name

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

2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362	96Q180 WO# 9705672
Address	Repair Organization P.O. No., Job No. etc.

3. Work Performed By NSP Type Code Symbol Stamp \_\_\_\_\_  
Company Name Authorization No. \_\_\_\_\_

**Expiration Date** \_\_\_\_\_

### Address

#### 4. Identification of System Core Spray

5. (a) Applicable Construction Code B31.1, 1967 <sup>5th</sup> 1977 Edition

Addenda Up to and including Winter 1978 Addenda Code Case N 416-1 <sup>Year</sup> NA

(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Bolts SA-193 B7 (24)	—	—	—	—	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts SA-193 B7 (24)	—	—	—	—	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bolts SA-193 B7 (24)	—	—	—	—	1997	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nuts SA-193 B7 (24)	—	—	—	—	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

7. Description of Work Installed new bolting when the RV was replaced

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 500 psi Test Temp 200 °F

3087 (DOCUMENT CHANGE, HOLD AND COMMENT FORM) incorporated: _____				
FOR ADMINISTRATIVE USE ONLY	Resp 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 2001-18-0277

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

Specification M-38 of 5828-M-40. Hydrostatic inspection was  
performed under WO # 9705672. NIS-2 was developed due  
to CR-20010344.

## 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 Ralph L. Ch. See XI Coordinator Date 9-27-, 2001  
 Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by HSB I & E Co. of \_\_\_\_\_ have inspected the components described in this Owner's Report during the period 10/2/01 to 10/2/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature] Commissions NB 11872 ABNI, MN 035600-00  
 Inspector's Signature National Board, Province and Endorsements

Date 10/2/01

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
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ITEM <sup>-15</sup> 2001-20-0278

**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 12/14/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9390144, 93-90141, MOD 92Q610, Add1  
Address Repair Organization P.O. No., Job No. etc.
3. Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
4. Identification of System RHR Room Cooling Coils, Class 3
5. (a) Applicable Construction Code Bechtel 5828-M116-BC, Rev.1 , NA Edition  
Year  
Addenda NA Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
Coils VAC-4	AAF	NA	N/A	NA	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coils VAC-4	AAF	906101-B	NA	NA	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coils VAC-5	AAF	NA	NA	NA	1967	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
coils VAC-5	AAF	906101-A	NA	NA	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. Description of Work Replaced RHR Room Cooling coils for VAC-4 and VAC-5.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 97 psi Test Temp 81.4 °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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ITEM 2001-15-20-02789. Remarks (Applicable Manufacturer's Data Reports to be Attached) 2/14/01

Specification : Design procedure 3405 . Pressure tests were performed per procedures 0255-11-IIA-3 & 0255-11-IIA-4 New coils were designed to ASME Sec III, 1986 Edition per CA-96-113 & CA-97-157 NIS-2 was generated due to non compliance CR 20010344

## 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

Lee H. T. Lee, Sr. Coordinator  
Owner or Owner's Designee, Title

Date 12-14-01

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTFORD STEAM BOILER CO. INC. of MARTFORD, CT have inspected the components described in this Owner's Report during the period 12/14/01 to 12/14/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Lelich  
Inspector's Signature

Commissions NB 11863 A, N, E MV 504028-CO  
National Board, Province and Endorsements

Date DECEMBER 14, 2001

APPROVED (Signatures available in Master File)

490 of 500

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-18-0279

**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 10/17/2001  
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO'S 9802821, 0108990  
Address Repair Organization P.O. No., Job No. etc.
3. 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
4. Identification of System RSW RHR Service water
5. (a) Applicable Construction Code B 31.1 , 1977 Edition  
Year  
Addenda W 78 Code Case NA
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1986
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped	
							YES	NO
<u>P-109B Pump</u>	<u>Johnston</u>	<u>SS # 2266</u>	<u>N/A</u>	<u>NA</u>	<u>1969</u>	<u>Replaced</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>P-109B Pump</u>	<u>Johnston</u>	<u>SS # 2263</u>	<u>NA</u>	<u>NA</u>	<u>1998</u>	<u>Replacement</u>	<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 pump bowl assembly.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 220 psi Test Temp 63.3 °F

APPROVED (Signatures available in Master File)

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MONTICELLO NUCLEAR GENERATING PLANT		3613
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10/17/01

ITEM 2001-18-0279

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

No preservice examination was performed per IWD- 2200. Pressure testing per IWA-5000 .IST per 0255-05-1A-1 CR20010344 were generated to take care of code compliance issues.

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 Ch, See XI Coordinator Date 10-17- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MINNESOTA and employed by MARTIN STEAM BOILER LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/17/01 to 10/17/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Stulky Commissions MA 11863 A, N, I AN 004028 CU  
Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 17, 2001

APPROVED (Signatures available in Master File)

ITEM 2001-18-0280

**APPROVED (Signatures available in Master File)**

49301-500

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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10/17/01

ITEM 2001-18-0280

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

No preservice examination was performed per IWD- 2200. Pressure testing per IWA-5000 .IST per 0255-05-1A-1 CR20010344 were generated to take care of code compliance issues

## 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

Salitelli, See x1 coordinator  
Owner or Owner's Designee, Title

Date

10-17- 2001

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 DOOR CO of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/17/01 to 10/17/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Bullock  
Inspector's Signature

Commissions

NB 11863 A, N, E AN 024028-CU  
National Board, Province and Endorsements

Date OCTOBER 17, 2001

APPROVED (Signatures available in Master File)

4940f 500

<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-15-0284

**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 10/16/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 9301006  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System ESW "B" Piping.
- (a) Applicable Construction Code B 31.1, 1977 Edition  
Year  
Addenda W78 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
SW30B-3"-HF	NA	NA	N/A	NA	1969	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SW30B-3"-HF	NA	NA	NA	NA	1993	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 Cut SW30B-3"-HF, hydrolaze piping and reweld piping.
- Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 97 psi Test Temp 70 °F

APPROVED (Signatures available in Master File)



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MONTICELLO NUCLEAR GENERATING PLANT		3613
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2 b.d.  
12-3-01

ITEM 2001-15-0284

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

Specification : NPD-M-38(The analysis of piping & piping Support systems) & 5828- M-40(Piping materials, Classification, and Standards for MNGP). No preservice examination was performed as exempted per Section XI IWD-1220 Pressure testing per 0255-11-IIA-4 NIS-2 was generated due to CR 20010344.

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 Rafael H. See XI Coordinator Date 10-16, 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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 FIT of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/17/01 to 10/17/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective 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. Pulaski Commissions NB 11863 A, E, F. H2004028-C0  
Inspector's Signature National Board, Province and Endorsements

Date OCTOBER 17, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-16-0285

**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 10/11/2001  
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO 94-05792  
Address Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address
- Identification of System B CGCS Recombiner.
- (a) Applicable Construction Code B 31.1 & ASME Sec. III, 1977 Edition  
Addenda W78 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
SV 4033B, Seal weld	Valcor	SN 2	N/A	412160001	1977	Repaired	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

- Description of Work Seal weld body to bonnet.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure 112 psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 4
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16 D.B. 12-3-01

ITEM 2001-20-0285

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

Seal weld is exempted pressure testing per IWA 5214/IWA-4400(b.3). IST per 0255-21-III-2  
procedure on 11/19/94

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 Luigi A. Zucchi See XI Coordinator Date 10-26- 2001  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MASSACHUSETTS and employed by HARTFORD STEAM BOILER LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/22/01 to 10/26/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Zucchi  
Inspector's Signature

Commissions NPB 11863 A, D, E MA 004028-CO  
National Board, Province and Endorsements

Date OCTOBER 26, 2001

APPROVED (Signatures available in Master File)

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<b>MONTICELLO NUCLEAR GENERATING PLANT</b>		3613
<b>TITLE:</b>	<b>OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2</b>	Revision 4
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ITEM 2001-15-0294A &amp; B

11/01/01

**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 10/30/2001  
Name \_\_\_\_\_
- Plant Monticello Nuclear Generating Plant Sheet 1 of 2  
Name \_\_\_\_\_  
2807 W. Cnty. Rd. 75, Monticello, Minnesota 55362 WO93-90145,93-90093(MOD 92Q520)  
Address \_\_\_\_\_ Repair Organization P.O. No., Job No. etc.
- Work Performed By NSP Type Code Symbol Stamp NA  
Company Name \_\_\_\_\_ Authorization No. NA  
2807 W. Cnty. Rd. 75, Monticello, MN 55362 Expiration Date NA  
Address \_\_\_\_\_
- Identification of System RHR LPCI & Recirculation System, class 1
- (a) Applicable Construction Code B 31.1, 1977 Edition  
Year \_\_\_\_\_  
Addenda W78 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
MVS-1 Support	Bergen-Paterson	NA	N/A	NA	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TWH-99 Support	Bergen-Paterson	NA	NA	NA	1992	Replaced	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MVS-2 Support	Bergen-Paterson	NA	NA	NA	1992	Repair	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TWH-73 Support	Bergen-Paterson	NA	NA	NA	1992	Replacement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TWH-169 Supports	Bergen-Paterson	NA	NA	NA	1992	Repair	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Description of Work Relocation of supports & removal of support TWH-99.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure NA psi Test Temp NA °F

**APPROVED (Signatures available in Master File)**

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

2 of 3  
10/31/2001

ITEM 2001-15-0294A & B

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

Specification : 5828-M-110-AC.NPD-M-38(The analysis of piping & piping Support systems) &  
5828- M-40(Piping materials, Classification, and Standards for MNGP) VT-3 preservice  
examination was performed NIS-2 was generated due to CR 20010344 No Pressure test.

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. Ch. See xi Coordinator  
Owner or Owner's Designee, Title

Date 10-31- 2001

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 LTD of HARTFORD, CT have inspected the components described in this Owner's Report during the period 10/31/01 to 11/01/01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer **SHALL** be 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. Antulog

Inspector's Signature

Commissions

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

Date

NOVEMBER 1 , 2001

APPROVED (Signatures available in Master File)

WO No. WO 93-90145,93-90093(MOD92Q520)

ITEM 2001-15-0294 A &B

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
TWH-173 Support	NA	NA	NA	NA	1992	Repair		No

**APPENDIX A**

**Class 1, 2, and 3 and Non-Code Commitment Examinations**

**NIS-1 Attachment 1  
Inservice Inspection Report  
(Sorted by Class & Code Item)**

Owner: Northern States Power Company, 414 Nicollet Mall, Minneapolis, MN 55401  
Plant: Monticello Nuclear Generating Plant, 2807 West County Rd #75, Monticello, MN 55362  
Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
<b>Class 1</b>												
102642	Reactor Vessel	ISI Fig 4	VLA-1	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/19/2001	2001VE301	NAD	Unfired exam due to physical component interference, <80% coverage. (Reference Weedyne report, Section B, page 2) (Relief Request Required)
102643	Reactor Vessel	ISI Fig 4	VLA-2	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/19/2001	2001VE302	NAD	Unfired exam due to physical component interference, <80% coverage. (Reference Weedyne report, Section B, page 2) (Relief Request Required)
102644	Reactor Vessel	ISI Fig 4	VLB-1	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/17/2001	2001VE303	NAD	Unfired exam due to physical component interference, >80% coverage. (Reference Weedyne report, Section B, page 2)
102645	Reactor Vessel	ISI Fig 4	VLB-2	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/16/2001	2001VE304	NAD	Unfired exam due to physical component interference. (Reference Weedyne report, Section B, page 2)
102646	Reactor Vessel	ISI Fig 4	VLB-1	Long Seam	B-A	B1.12	IS-UT-3B	UT	11/15/2001	2001US39	NAD	Supplemental exam for In-Vessel UT (Reference Report 2001VE309)
102646	Reactor Vessel	ISI Fig 4	VLB-1	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/17/2001	2001VE308	NAD	Unfired exam due to ID physical component interference. (Reference Weedyne report, Section B, page 2). Manually supplemented from OD (Reference ISI report 2001US39). >90% combined coverage.
102647	Reactor Vessel	ISI Fig 4	VLB-2	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/16/2001	2001VE305	NAD	Unfired exam due to ID physical component interference. (Reference Weedyne report, Section B, page 2). Supplemented with historical manual exam from OD through N-5B nozzle windows (reference Reports 84-0208, 209, 210). >90% coverage
102648	Reactor Vessel	ISI Fig 4	VLB-1	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/14/2001	2001VE306	NAD	Minor limitations, >90% coverage. (Reference Weedyne report, Section B, page 2)
102649	Reactor Vessel	ISI Fig 4	VLB-2	Long Seam	B-A	B1.12	PDHSI-254, Rev 4, FCM1	UT	11/11/2001	2001VE307	NAD	Minor limitations, >90% coverage. (Reference Weedyne report, Section B, page 2)
102680	Reactor Vessel	ISI Fig 1	W-1	T.H. Circ. Weld	B-A	B1.21	IS-UT-3B	UT	11/16/2001	2001US34	NAD	Unfired exam, >90% coverage
102627	Reactor Vessel	ISI Fig 3	W-3	B.H. Circ Weld	B-A	B1.21	IS-UT-3B	UT	11/12/2001	2001US11	NAD	Unfired exam, >90% coverage
102638	Reactor Vessel	ISI Fig 4	VCB-1	B. Head/Vessel	B-A	B1.21	IS-UT-3B	UT	11/12/2001	2001US12	NAD	Partial Exam, limited due to accessibility and permanent vessel insulation. 5.98% coverage achieved through N-1B Nozzle window.
102641	Reactor Vessel	ISI Fig 4	VCB-5	Vessel/Flange Weld	B-A	B1.30	PDHSI-254, Rev 4, FCM1	UT	11/15/2001	2001VE300	NAD	Unfired exam from ID due to component interference, >80% coverage. (Reference Weedyne report, Section B, page 2)
102387	Reactor Vessel	ISI Fig 1	W-8	T.H. Flange Weld	B-A	B1.40	IS-MT-1	MT	11/14/2001	2001MA313	NAD	



NIS-1 Attachment 1  
Inservice Inspection Report  
(Sorted by Class & Code Item)

Owner: Northern States Power Company, 414 Nicollet Mall, Minneapolis, MN 55401  
Plant: Monticello Nuclear Generating Plant, 2807 West County Rd #75, Monticello, MN 55362  
Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
102387	Reactor Vessel	ISI Fig 1	W- 8	T.H. Flange Weld	B-A	B1.40	ISI-UT-3A	UT	11/14/2001	2001U337	NAD	Limited exam, >90% coverage
100630	Main Steam B	ISI-13142-34-A	H- 1	Dbl Spring / 4 Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/10/2001	2001V355	NAD	PSI following snubber changeout for functional testing
100634	Main Steam B	ISI-13142-34-A	H- 5	Dbl Spring / 4 Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/10/2001	2001V354	NAD	
100681	Main Steam C	ISI-13142-35-A	H- 1	Dbl Spring / 4 Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/10/2001	2001V353	NAD	Rod welded to travel indicator - previously evaluated as acceptable (Ref. Report 88-607)
100685	Main Steam C	ISI-13142-35-A	H- 5	Dbl Spring / 4 Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/10/2001	2001V356	NAD	
101251	Feedwater	ISI-13142-53-A	H- 3	Dbl Spring / 4 Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/11/2001	2001V360	NAD	
101256	Feedwater	ISI-13142-53-A	H- 8	Dbl Spring / 4 Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/17/2001	2001V390	NAD	Followup exam (reference Rpt. 98-010)
102028	Recirc Manifold A	ISI-97005-B	H-11	Spring / Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/8/2001	2001V348	NAD	
102029	Recirc Manifold A	ISI-97005-B	H-12	Snubber / Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/9/2001	2001V344	NAD	
102029	Recirc Manifold A	ISI-97005-B	H-12	Snubber / Lugs	B-K-1	B10.10	ISI-VT-2.0	VT	11/26/2001	2001V472	NAD	PSI following changeout for snubber functional testing
102067	Recirc Pump A	ISI-97005-C	H- 5	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	11/18/2001	2001V400	NAD	PSI following changeout for snubber functional testing
102069	Recirc Pump A	ISI-97005-C	H- 7	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	11/11/2001	2001V359	NAD	
102175	Recirc Pump B	ISI-97006-C	H- 4	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	11/9/2001	2001V343	NAD	
102176	Recirc Pump B	ISI-97006-C	H- 5	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	11/9/2001	2001V346	NAD	
102177	Recirc Pump B	ISI-97006-C	H- 6	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	12/7/2001	2001V559	NAD	PSI following maintenance activities.
102179	Recirc Pump B	ISI-97006-C	H- 8	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	11/9/2001	2001V345	NAD	
102180	Recirc Pump B	ISI-97006-C	H- 9	Snubber / Lugs	B-K-1	B10.20	ISI-VT-2.0	VT	11/28/2001	2001V480	NAD	PSI following changeout for snubber functional testing
100432	Cone Spray B	ISI-13142-26-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	3/6/2001	2001V214	NAD	Limited exam, partial disassembly only, could not examine seats of disc or valve body
100498	Cone Spray A	ISI-13142-31-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	3/6/2001	2001V213	NAD	Limited exam, partial disassembly only, could not examine seats of disc or valve body
100588	Main Steam A	ISI-13142-33-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	10/26/2001	2001V465	IND	Wear on DS body seat
100588	Main Steam A	ISI-13142-33-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/28/2001	2001V474	NAD	PSI of replacement DS disc
100588	Main Steam A	ISI-13142-33-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	12/14/2001	2001V574	NAD	Use-as-is per CR20017390
100638	Main Steam B	ISI-13142-34-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/26/2001	2001V464	IND	Wear on DS body seat, linear indication in DS disc stellite.
100638	Main Steam B	ISI-13142-34-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/27/2001	2001V475	NAD	PSI of replacement DS disc
100638	Main Steam B	ISI-13142-34-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	12/14/2001	2001V573	NAD	Acceptable per CR20017390
100687	Main Steam C	ISI-13142-35-A	V- 1	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/15/2001	2001V476	NAD	PSI of replacement disc
100690	Main Steam C	ISI-13142-35-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/15/2001	2001V371	IND	Wear on DS body seat, multiple linears on DS disc stellite
100690	Main Steam C	ISI-13142-35-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/20/2001	2001V403	NAD	PSI of replacement DS disc
100690	Main Steam C	ISI-13142-35-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	12/14/2001	2001V575	NAD	Acceptable per CR20017390
100744	Main Steam D	ISI-13142-36-A	V- 2	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/15/2001	2001V477	NAD	PSI of replacement disc

NIS-1 Attachment 1  
Inservice Inspection Report  
(Sorted by Class & Code Item)

Owner: Northern States Power Company, 414 Nicollet Mall, Minneapolis, MN 55401  
Plant: Monticello Nuclear Generating Plant, 2807 West County Rd #75, Monticello, MN 55362  
Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
100746	Main Steam D	ISI-13142-36-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/18/2001	2001V385	IND	Wear on DS body seat, linear indications on DS disc stellite
100746	Main Steam D	ISI-13142-36-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	11/20/2001	2001V404	NAD	PSI of replacement DS disc
100746	Main Steam D	ISI-13142-36-A	V- 4	Valve Int Surfaces	B-M-2	B12.50	ISI-VT-3.0	VT	12/14/2001	2001V576	NAD	Acceptable per CR20017390
102717	Reactor Vessel	ISI Fig 0	C- 2	Jet Pump Top Asbly	B-N-1	B13.10	ISI-VT-4.0	VT	11/18/2001	2001V536	NAD	(Reference Framatome IVVI Final Report)
102720	Reactor Vessel	ISI Fig 0	C- 5	CS Sparger & Bracket	B-N-1	B13.10	ISI-VT-4.0	VT	11/18/2001	2001V533	IND	Previously evaluated indication -- no change (Reference Framatome IVVI Final Report)
102725	Reactor Vessel	ISI Fig 0	C- X	Interior Attachments	B-N-2	B13.20	ISI-VT-4.0	VT	11/16/2001	2001V535	NAD	(Reference Framatome IVVI Final Report)
102726	Reactor Vessel	ISI Fig 0	C- Y	Interior Attachments	B-N-2	B13.30	ISI-VT-4.0	VT	11/16/2001	2001V534	NAD	(Reference Framatome IVVI Final Report)
102727	Reactor Vessel	ISI Fig 0	C- Z	Core Support Strut	B-N-2	B13.40	ISI-VT-4.0	VT	11/18/2001	2001V537	IND	Previously evaluated indication -- no change (Reference Framatome IVVI Final Report)
102800	CRD Housings	ISI Fig 2	50-23 (Lower)	CRD Housing Weld	B-O	B14.10	ISI-PT-1	PT	11/11/2001	2001P308	NAD	
102801	CRD Housings	ISI Fig 2	50-23 (Upper)	CRD Housing Weld	B-O	B14.10	ISI-PT-1	PT	11/12/2001	2001P313	NAD	
102653	Reactor Vessel	ISI Fig 5	N- 1B IR	N- 1B Inner Radius	B-D	B3.100	ISI-UT-5	UT	11/10/2001	2001U324	NAD	
102655	Reactor Vessel	ISI Fig 5	N- 2A IR	N- 2A Inner Radius	B-D	B3.100	ISI-UT-5	UT	11/11/2001	2001U326	NAD	
102657	Reactor Vessel	ISI Fig 5	N- 2B IR	N- 2B Inner Radius	B-D	B3.100	ISI-UT-5	UT	11/11/2001	2001U327	NAD	
102673	Reactor Vessel	ISI Fig 5	N- 2K IR	N- 2K Inner Radius	B-D	B3.100	ISI-UT-5	UT	11/10/2001	2001U325	NAD	
102697	Reactor Vessel	ISI Fig 5	N- 8B IR	N- 8B Inner Radius	B-D	B3.100	ISI-UT-5	UT	11/12/2001	2001U323	NAD	
102654	Reactor Vessel	ISI Fig 5	N- 1B NV	N- 1B Vsl/Noz Weld	B-D	B3.90	ISI-UT-3A	UT	11/10/2001	2001U329	NAD	Limited exam due to nozzle configuration. 62.325% coverage achieved. ("Relief Request Required")
102656	Reactor Vessel	ISI Fig 5	N- 2A NV	N- 2A Noz/Vsl Weld	B-D	B3.90	ISI-UT-3A	UT	11/11/2001	2001U331	NAD	Limited exam due to nozzle configuration. 62.325% coverage achieved. ("Relief Request Required")
102658	Reactor Vessel	ISI Fig 5	N- 2B NV	N- 2B Noz / Vsl Weld	B-D	B3.90	ISI-UT-3A	UT	11/11/2001	2001U332	NAD	Limited exam due to nozzle configuration. 62.325% coverage achieved. ("Relief Request Required")
102674	Reactor Vessel	ISI Fig 5	N- 2K NV	N- 2K Noz/Vsl Weld	B-D	B3.90	ISI-UT-3A	UT	11/10/2001	2001U330	NAD	Limited Exam due to nozzle configuration. 62.325% coverage achieved. ("Relief Request Required")
102698	Reactor Vessel	ISI Fig 5	N- 8B NV	N- 8B Vsl/Noz Weld	B-D	B3.90	ISI-UT-3A	UT	11/12/2001	2001U328	NAD	Limited exam due to nozzle configuration. 62.325% achieved. ("Relief Request Required")
102062	Recirc Manifold A	ISI-97005-B	W-32	Safe End-to-Nozzle	B-F	B5.10	ISI-PT-1	PT	11/10/2001	2001P308	NAD	
102062	Recirc Manifold A	ISI-97005-B	W-32	Safe End-to-Nozzle	B-F	B5.10	ISI-UT-16	UT	11/10/2001	2001U308	NAD	
102102	Recirculation B	ISI-97006-A	W- 1	Nozzle-to-Safe End	B-F	B5.10	ISI-PT-1	PT	11/10/2001	2001P304	NAD	
102102	Recirculation B	ISI-97006-A	W- 1	Nozzle-to-Safe End	B-F	B5.10	ISI-UT-16	UT	11/10/2001	2001U310	NAD	
102164	Recirc Manifold B	ISI-97006-B	W-25	Safe End-to-Nozzle	B-F	B5.10	ISI-PT-1	PT	11/11/2001	2001P311	NAD	
102164	Recirc Manifold B	ISI-97006-B	W-25	Safe End-to-Nozzle	B-F	B5.10	ISI-UT-16	UT	11/11/2001	2001U316	NAD	
102171	Recirc Manifold B	ISI-97006-B	W-32	Safe End-to-Nozzle	B-F	B5.10	ISI-PT-1	PT	11/11/2001	2001P309	NAD	
102171	Recirc Manifold B	ISI-97006-B	W-32	Safe End-to-Nozzle	B-F	B5.10	ISI-UT-16	UT	11/11/2001	2001U315	NAD	

NIS-1 Attachment 1  
Inservce Inspection Report  
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Owner: Northern States Power Company, 414 Nicollet Mall, Minneapolis, MN 55401  
Plant: Monticello Nuclear Generating Plant, 2807 West County Rd #75, Monticello, MN 55362  
Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
102730	Jet Pmp Instrmtation	ISI-16	W-2	Safe End / Nozzle 8B	B-F	B5.10	ISI-PT-1	PT	11/12/2001	2001P312	NAD	
102730	Jet Pmp Instrmtation	ISI-16	W-2	Safe End / Nozzle 8B	B-F	B5.10	ISI-UT-16	UT	11/13/2001	2001U307	GEO	
102388	Top Head	ISI Fig 1	W-9	N- 6B Noz/Flg Weld	B-F	B5.130	ISI-PT-1	PT	11/20/2001	2001P348	NAD	
102388	Top Head	ISI Fig 1	W-9	N- 6B Noz/Flg Weld	B-F	B5.130	ISI-UT-16A	UT	11/21/2001	2001U359	NAD	
101529	MS Condensate Lkoff	ISI-786A	W-7	Tee to Pipe	B-F	B5.140	ISI-PT-1	PT	11/21/2001	2001P352	NAD	PSI following piping modification
107186	MS Condensate Lkoff	ISI-786A	W-1B	Valve MS-160 to Pipe	B-F	B5.140	ISI-PT-1	PT	11/11/2001	2001P378	NAD	PSI following piping modification
101557	MS Condensate Lkoff	ISI-786A	W-35	Pipe-to-Coupling	B-F	B5.150	ISI-PT-1	PT	11/21/2001	2001P365	NAD	PSI following piping modification
101591	MS Condensate Lkoff	ISI-786A	W-68	Pipe-to-Coupling	B-F	B5.150	ISI-PT-1	PT	11/21/2001	2001P368	NAD	PSI following piping modification
107191	MS Condensate Lkoff	ISI-786A	W-44A	Pipe to Elbow	B-F	B5.150	ISI-PT-1	PT	11/21/2001	2001P366	NAD	PSI following piping modification
107192	MS Condensate Lkoff	ISI-786A	W-52A	Pipe to Elbow	B-F	B5.150	ISI-PT-1	PT	11/21/2001	2001P367	NAD	PSI following piping modification
102710	Reactor Vessel	ISI Fig 6	Nuts	64 RPV Nuts	B-G-1	B6.10	ISI-VT-1.0	VT	11/16/2001	2001V364	NAD	
102711	Reactor Vessel	ISI Fig 6	Studs	64 RPV Studs	B-G-1	B6.20 / B6.30	ISI-UT-4D	UT	11/6/2001	2001U302	NAD	Studs 19, 23 - 43 examined in place (Code item B6.20). Studs 47 - 50 examined after removal (Code item B6.30).
102712	Reactor Vessel	ISI Fig 6	Studs	64 RPV Studs, Remove	B-G-1	B6.30	ISI-MT-2	MT	11/27/2001	2001M330	NAD	Studs 47 - 50 removed & examined.
102709	Reactor Vessel	ISI Fig 6	Ligaments	Threads in Flange	B-G-1	B6.40	ISI-UT-7	UT	11/6/2001	2001U300	NAD	Limited exam due to RPV Flange Seal Groove. >90% coverage achieved.
102708	Reactor Vessel	ISI Fig 6	Bushings	64 Bushings	B-G-1	B6.50	ISI-VT-1.0	UT	11/6/2001	2001V333	NAD	Studs #19, 23 - 43 in-place. Studs #47-50 removed.
102713	Reactor Vessel	ISI Fig 6	Washers	64 Washers	B-G-1	B6.50	ISI-VT-1.0	VT	11/17/2001	2001V383	NAD	Sets 19, 23 - 43, 47 - 50 examined.
102373	Top Head	ISI Fig 1	B-1	N-6B Flange Bolts	B-G-2	B7.10	ISI-VT-1.0	VT	11/28/2001	2001V517	NAD	PSI of replacements, 12 studs, 24 nuts.
100393	Rx Ves Head Cooling	ISI-13142-20-C	B-1	Flange Bolts	B-G-2	B7.50	ISI-VT-1.0	VT	11/28/2001	2001V520	NAD	PSI of replacements, 8 studs, 16 nuts
100395	Rx Ves Head Cooling	ISI-13142-20-C	B-2	Flange Bolts	B-G-2	B7.50	ISI-VT-1.0	VT	11/28/2001	2001V519	NAD	PSI of replacements, 8 studs, 16 nuts
100621	Main Steam B	ISI-13142-34-A	B-1	Flange Bolts @ W-13	B-G-2	B7.50	ISI-VT-1.0	VT	11/9/2001	2001V338	NAD	Examined in-place, under tension
100623	Main Steam B	ISI-13142-34-A	B-3	Flange Bolts @ W-16	B-G-2	B7.50	ISI-VT-1.0	VT	11/9/2001	2001V339	NAD	Examined in-place, under tension
100729	Main Steam D	ISI-13142-36-A	B-5	Flange Bolts @ W-21	B-G-2	B7.50	ISI-VT-1.0	VT	11/9/2001	2001V341	NAD	Examined in-place, under tension
100730	Main Steam D	ISI-13142-36-A	B-6	Flange Bolts @ W-23	B-G-2	B7.50	ISI-VT-1.0	VT	11/9/2001	2001V340	NAD	Examined in-place, under tension
101392	Recirc A Drain Line	ISI-74209-1A	B-1	Flange Bolts	B-G-2	B7.50	ISI-VT-1.0	VT	11/11/2001	2001V358	NAD	
101491	Head Vent	ISI-782A-A	B-1	Flange Bolts	B-G-2	B7.50	ISI-VT-1.0	VT	11/28/2001	2001V518	NAD	PSI of replacements, 8 studs, 16 nuts
101492	Head Vent	ISI-782A-A	B-2	Flange Bolts	B-G-2	B7.50	ISI-VT-1.0	VT	11/28/2001	2001V521	NAD	PSI of replacements, 8 studs, 16 nuts
101892	RHR Suction A	ISI-97003-B	B-3	Flange Bolts @ W-14	B-G-2	B7.50	ISI-VT-1.0	VT	11/10/2001	2001V352	NAD	Examined in-place, under tension
100425	Core Spray B	ISI-13142-26-A	B-2	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	3/6/2001	2001V215	NAD	Examined in-place, under tension
100573	Main Steam A	ISI-13142-33-A	B-8	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/28/2001	2001V473	NAD	PSI of replacements, 20 bolts, 20 nuts
100625	Main Steam B	ISI-13142-34-A	B-5	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/27/2001	2001V466	IND	Minor thread damage
100625	Main Steam B	ISI-13142-34-A	B-5	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/27/2001	2001V468	NAD	PSI of replacements, 12 studs, 20 nuts
100625	Main Steam B	ISI-13142-34-A	B-5	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	12/14/2001	2001V572	NAD	Use-as-is per CR20017885
100672	Main Steam C	ISI-13142-35-A	B-1	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/9/2001	2001V342	NAD	Examined in-place, under tension
100673	Main Steam C	ISI-13142-35-A	B-2	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/20/2001	2001V405	NAD	PSI of replacements, 20 studs, 20 nuts
100679	Main Steam C	ISI-13142-35-A	B-7	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/16/2001	2001V379	NAD	PSI of replacements, 1 bolt, 1 nut
100732	Main Steam D	ISI-13142-36-A	B-8	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/20/2001	2001V406	NAD	PSI of replacements, 20 studs, 20 nuts

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

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
100733	Main Steam D	ISI-13142-36-A	B- 9	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/15/2001	2001V380	NAD	PSI of replacements, 1 stud, 1 nut
101884	RHR Suction A	ISI-97003-B	B- 5	Valve Bolts	B-G-2	B7.70	ISI-VT-1.0	VT	11/21/2001	2001V441	NAD	Examined in-place, under tension
102103	Recirculation B	ISI-97006-A	W- 2 LS D	Safe End-to-Pipe	B-J	B9.10	ISI-PT-1	PT	11/10/2001	2001P305	NAD	
102103	Recirculation B	ISI-97006-A	W- 2 LS D	Safe End-to-Pipe	B-J	B9.10	ISI-UT-16A	UT	11/10/2001	2001U304	NAD	
102161	Recirc Manifold B	ISI-97006-B	W-22 LS U&D	Tee-to-Pipe	B-J	B9.10	ISI-PT-1	PT	11/8/2001	2001P314	NAD	
102161	Recirc Manifold B	ISI-97006-B	W-22 LS U&D	Tee-to-Pipe	B-J	B9.10	ISI-UT-16A	UT	11/8/2001	2001U321	NAD	Single-sided exam. PDI-exam, best effort on far-side of weld, 50% coverage claimed. (*Relief Request Required)
102162	Recirc Manifold B	ISI-97006-B	W-23 LS U	Pipe-to-Pipe	B-J	B9.10	ISI-PT-1	PT	11/8/2001	2001P315	NAD	
102162	Recirc Manifold B	ISI-97006-B	W-23 LS U	Pipe-to-Pipe	B-J	B9.10	ISI-UT-16A	UT	11/8/2001	2001U320	NAD	
102163	Recirc Manifold B	ISI-97006-B	W-24	Pipe-to-Safe End	B-J	B9.10	ISI-PT-1	PT	11/11/2001	2001P310	NAD	
102163	Recirc Manifold B	ISI-97006-B	W-24	Pipe-to-Safe End	B-J	B9.10	ISI-UT-16A	UT	11/11/2001	2001U309	NAD	
100777	Main Steam D	ISI-13142-36-A	W-31	Pipe-to-Elbow	B-J	B9.11	ISI-MT-1	MT	11/23/2001	2001M319	NAD	
100777	Main Steam D	ISI-13142-36-A	W-31	Pipe-to-Elbow	B-J	B9.11	ISI-UT-1A	UT	11/23/2001	2001U360	NAD	Single-sided examination, 1 1/2 vee cal, 100% coverage
100711	Main Steam C	ISI-13142-35-A	W-21	Elbow-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/15/2001	2001M315	NAD	
100711	Main Steam C	ISI-13142-35-A	W-21	Elbow-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/15/2001	2001U322	NAD	
100712	Main Steam C	ISI-13142-35-A	W-22	Pipe-to-Elbow	B-J	B9.11	ISI-MT-1	MT	11/12/2001	2001M308	NAD	
100712	Main Steam C	ISI-13142-35-A	W-22	Pipe-to-Elbow	B-J	B9.11	ISI-UT-1A	UT	11/13/2001	2001U317	GEO	
100719	Main Steam C	ISI-13142-35-A	W-29	Pipe-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/23/2001	2001M320	NAD	
100719	Main Steam C	ISI-13142-35-A	W-29	Pipe-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/23/2001	2001U362	NAD	Single-sided exam, 1 1/2 vee cal, 100% coverage
100772	Main Steam D	ISI-13142-36-A	W-26	Pipe-to-Elbow	B-J	B9.11	ISI-MT-1	MT	11/12/2001	2001M305	NAD	
100772	Main Steam D	ISI-13142-36-A	W-26	Pipe-to-Elbow	B-J	B9.11	ISI-UT-1A	UT	11/13/2001	2001U318	NAD	
101265	Feedwater	ISI-13142-53-A	W- 6	Pipe-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/24/2001	2001M323	NAD	
101265	Feedwater	ISI-13142-53-A	W- 6	Pipe-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/29/2001	2001U394	NAD	
101277	Feedwater	ISI-13142-53-A	W-18	Elbow-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/12/2001	2001M312	NAD	
101277	Feedwater	ISI-13142-53-A	W-18	Elbow-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/14/2001	2001U313	NAD	1 1/2 vee cal, 100% coverage
101281	Feedwater	ISI-13142-53-A	W-22	Elbow-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/9/2001	2001M304	NAD	
101281	Feedwater	ISI-13142-53-A	W-22	Elbow-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/14/2001	2001U314	GEO	Single-sided exam, 1 1/2 vee cal, 100% coverage
101390	Reactor Wtr Cleanup	ISI-73880-A	W-25	Pipe-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/21/2001	2001M318	NAD	
101390	Reactor Wtr Cleanup	ISI-73880-A	W-25	Pipe-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/23/2001	2001U361	NAD	Single-sided, limited exam, 1 1/2 vee cal, >90% coverage
101494	Head Vent	ISI-782A-A	W- 1	Flange-to-Reducer	B-J	B9.11	ISI-MT-1	MT	11/15/2001	2001M316	NAD	
101494	Head Vent	ISI-782A-A	W- 1	Flange-to-Reducer	B-J	B9.11	ISI-UT-1A	UT	11/15/2001	2001U335	NAD	Single-sided exam, 1 1/2 vee cal, 100% coverage
101926	RHR Suction A	ISI-97003-B	W-24	Pipe-to-Pipe	B-J	B9.11	ISI-MT-1	MT	11/23/2001	2001M321	NAD	
101926	RHR Suction A	ISI-97003-B	W-24	Pipe-to-Pipe	B-J	B9.11	ISI-UT-1A	UT	11/23/2001	2001U363	NAD	
101927	RHR Suction A	ISI-97003-B	W-25	Pipe-to-Valve	B-J	B9.11	ISI-MT-1	MT	11/23/2001	2001M322	NAD	

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

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
101927	RHR Suction A	ISI-97003-B	W-25	Pipe-to-Valve	B-J	B9.11	ISI-UT-1A	UT	11/23/2001	2001U364	NAD	Single-sided exam, 1 1/2 vee cal, 100% coverage.
102061	Recirc Manifold A	ISI-97005-B	W-31	Pipe-to-Safe End	B-J	B9.11	ISI-PT-1	PT	11/10/2001	2001P307	NAD	
102061	Recirc Manifold A	ISI-97005-B	W-31	Pipe-to-Safe End	B-J	B9.11	ISI-UT-16A	UT	11/10/2001	2001U303	NAD	
101045	RCIC Steam	ISI-13142-43-A	W-3	Pipe-to-Valve	B-J	B9.21	ISI-PT-1	PT	11/21/2001	2001P351	NAD	PSI following piping modification
101046	RCIC Steam	ISI-13142-43-A	W-4	Valve-to-Elbow	B-J	B9.21	ISI-PT-1	PT	10/1/2001	2001P355	NAD	PSI following piping modification
101047	RCIC Steam	ISI-13142-43-A	W-5	Elbow-to-Pipe	B-J	B9.21	ISI-PT-1	PT	10/1/2001	2001P358	NAD	PSI following piping modification
101056	RCIC Steam	ISI-13142-43-A	W-14	Pipe-to-Valve	B-J	B9.21	ISI-PT-1	PT	11/27/2001	2001P380	NAD	PSI following piping modification
101524	MS Condensate Lkoff	ISI-786A	W-1	Valve MS-161to Pipe	B-J	B9.21	ISI-PT-1	PT	11/11/2001	2001P376	NAD	PSI following piping modification
101528	MS Condensate Lkoff	ISI-786A	W-6	Pipe-to-Tee	B-J	B9.21	ISI-PT-1	PT	10/22/2001	2001P353	NAD	PSI following piping modification
107182	RCIC Steam	ISI-13142-43-a	W-5A	Pipe-to-Pipe	B-J	B9.21	ISI-PT-1	PT	11/21/2001	2001P363	NAD	PSI following piping modification.
107185	MS Condensate Lkoff	ISI-786A	W-1A	Pipe to Valve MS-160	B-J	B9.21	ISI-PT-1	PT	11/11/2001	2001P350	NAD	PSI following piping modification
101980	RHR Return B	ISI-97004-A	W-21	Pipe-to-Weldolet	B-J	B9.31	ISI-UT-1A	UT	11/28/2001	2001U398	GEO	Limited exam, 1 1/2 vee cals, >80% coverage achieved
101525	MS Condensate Lkoff	ISI-786A	W-2	Reducer to Tee	B-J	B9.32	ISI-PT-1	PT	10/22/2001	2001P375	NAD	PSI following piping modification
101526	MS Condensate Lkoff	ISI-786A	W-3	Tee to Tee	B-J	B9.32	ISI-PT-1	PT	10/22/2001	2001P357	NAD	PSI following piping modification
101527	MS Condensate Lkoff	ISI-786A	W-4	Tee to Pipe	B-J	B9.32	ISI-PT-1	PT	10/22/2001	2001P358	NAD	PSI following piping modification
101572	MS Condensate Lkoff	ISI-786A	W-5	Pipe to Tee	B-J	B9.32	ISI-PT-1	PT	10/22/2001	2001P377	NAD	PSI following piping modification
107187	MS Condensate Lkoff	ISI-786A	W-5A	Tee to Pipe	B-J	B9.32	ISI-PT-1	PT	10/22/2001	2001P354	NAD	PSI following piping modification
101403	Recirc A Drain Line	ISI-74209-1A	W-11	Elbow-to-Pipe	B-J	B9.40	ISI-PT-1	PT	11/13/2001	2001P316	NAD	
101404	Recirc A Drain Line	ISI-74209-1A	W-12	Pipe-to-Tee	B-J	B9.40	ISI-PT-1	PT	11/13/2001	2001P317	NAD	
101434	Standby Liquid Cntrl	ISI-74215A	W-11	Pipe-to-Valve	B-J	B9.40	ISI-PT-1	PT	11/15/2001	2001P319	NAD	
101435	Standby Liquid Cntrl	ISI-74215A	W-12	Valve-to-Pipe	B-J	B9.40	ISI-PT-1	PT	11/15/2001	2001P320	NAD	
101466	Head Vent	ISI-782A	W-5	Elbow-to-Pipe	B-J	B9.40	ISI-MT-1	MT	11/12/2001	2001M309	NAD	
101471	Head Vent	ISI-782A	W-10	Pipe-to-Elbow	B-J	B9.40	ISI-MT-1	MT	11/12/2001	2001M308	NAD	
101476	Head Vent	ISI-782A	W-15	Pipe-to-Valve	B-J	B9.40	ISI-MT-1	MT	11/12/2001	2001M310	NAD	
101483	Head Vent	ISI-782A	W-22	Pipe-to-Elbow	B-J	B9.40	ISI-MT-1	MT	11/12/2001	2001M311	NAD	
101490	Head Vent	ISI-782A	W-29	Pipe-to-Valve	B-J	B9.40	ISI-PT-1	PT	11/15/2001	2001P318	NAD	
101558	MS Condensate Lkoff	ISI-786A	W-36	Coupling-to-Pipe	B-J	B9.40	ISI-PT-1	PT	10/10/2001	2001P364	NAD	PSI following piping modification
101559	MS Condensate Lkoff	ISI-786A	W-37	Pipe to Tee	B-J	B9.40	ISI-PT-1	PT	10/22/2001	2001P359	NAD	PSI following piping modification
101567	MS Condensate Lkoff	ISI-786A	W-45	Tee to Pipe	B-J	B9.40	ISI-PT-1	PT	10/22/2001	2001P360	NAD	PSI following piping modification
101576	MS Condensate Lkoff	ISI-786A	W-53	Pipe-to-TEE	B-J	B9.40	ISI-PT-1	PT	10/22/2001	2001P362	NAD	PSI following piping modification
101592	MS Condensate Lkoff	ISI-786A	W-69	Coupling to Pipe	B-J	B9.40	ISI-PT-1	PT	10/10/2001	2001P379	NAD	PSI following piping modification
101593	MS Condensate Lkoff	ISI-786A	W-70	Tee to Pipe	B-J	B9.40	ISI-PT-1	PT	10/22/2001	2001P361	NAD	PSI following piping modification
101669	Bottom Head Drain	ISI-821A	W-46	Coupling-to-Pipe	B-J	B9.40	ISI-MT-1	MT	11/12/2001	2001M307	NAD	
107188	MS Condensate Lkoff	ISI-786A	W-44D	Elbow-to-Pipe	B-J	B9.40	ISI-PT-1	PT	10/22/2001	2001P372	NAD	PSI following piping modification
107189	MS Condensate Lkoff	ISI-786A	W-44C	Pipe to Elbow	B-J	B9.40	ISI-PT-1	PT	11/13/2001	2001P373	NAD	PSI following piping modification
107190	MS Condensate Lkoff	ISI-786A	W-44B	Elbow to Pipe	B-J	B9.40	ISI-PT-1	PT	10/10/2001	2001P374	NAD	PSI following piping modification
107195	MS Condensate Lkoff	ISI-786A	W-52D	Elbow to Pipe	B-J	B9.40	ISI-PT-1	PT	10/22/2001	2001P371	NAD	PSI following piping modification

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Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
10793	MS Condensate Lkoff	ISI-786A	W-52B	Elbow-to-Pipe	B-J	B9.40	ISI-PT-1	PT	10/10/2001	2001P369	NAD	PSI following piping modification
10794	MS Condensate Lkoff	ISI-786A	W-52C	Pipe to Elbow	B-J	B9.40	ISI-PT-1	PT	11/13/2001	2001P370	NAD	PSI following piping modification
100632	Main Steam B	ISI-13142-34-A	H-3	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/9/2001	2001V347	NAD	
100741	Main Steam D	ISI-13142-36-A	H-6	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/10/2001	2001V349	NAD	PSI following changeout for snubber functional testing
100975	HPCI Steam	ISI-13142-42-A	H-1	Variable Spring	F-C	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V507	IND	Gap between welded support attachment clip and beam, no weld detail on drawing
100975	HPCI Steam	ISI-13142-42-A	H-1	Variable Spring	F-C	F-A,B,C	ISI-VT-2.0	VT	12/9/2001	2001V560	NAD	Use-as-is per CR20017745, update drawing per DRR
101041	RCIC Steam	ISI-13142-43-A	H-1	Variable Spring	F-C	F-A,B,C	ISI-VT-2.0	VT	11/28/2001	2001V479	NAD	PSI following piping modification
101461	Head Vent	ISI-782A	H-2	Hanger	F-A	F-A,B,C	ISI-VT-2.0	VT	11/12/2001	2001V361	NAD	
101520	MS Condensate Lkoff	ISI-786A	H-1	Box Support	F-B	F-A,B,C	ISI-VT-2.0	VT	11/26/2001	2001V461	NAD	PSI following piping modification
101856	RHR Return A	ISI-97003-A	H-4	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/30/2001	2001V486	NAD	PSI following changeout for snubber functional testing
101896	RHR Suction A	ISI-97003-B	H-2	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/19/2001	2001V401	NAD	PSI following removal/replacement for interference
101897	RHR Suction A	ISI-97003-B	H-3	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/19/2001	2001V398	NAD	PSI following changeout for snubber functional testing
101898	RHR Suction A	ISI-97003-B	H-4	Variable Slide/Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/10/2001	2001V357	NAD	
101899	RHR Suction A	ISI-97003-B	H-5	Variable Slide	F-C	F-A,B,C	ISI-VT-2.0	VT	11/10/2001	2001V351	NAD	
101936	RHR Return B	ISI-97004-A	H-4	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/16/2001	2001V387	IND	PSI following changeout for snubber functional testing, welded spacers, structure end (2001V387).
101936	RHR Return B	ISI-97004-A	H-4	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/16/2001	2001V538	NAD	Use-as-is per CR20017480
102027	Recirc Manifold A	ISI-97005-B	H-10	Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/19/2001	2001V402	NAD	
102030	Recirc Manifold A	ISI-97005-B	H-13	Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/12/2001	2001V364	NAD	
102074	Recirculation A	ISI-97005-C	H-10	Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/12/2001	2001V365	NAD	
102080	Recirculation B	ISI-97006-A	H-2	Sway Brace	F-C	F-A,B,C	ISI-VT-2.0	VT	11/17/2001	2001V386	IND	Followup exam (reference Rpt 98-0175 & 94-0097), slightly bent strut, doesn't pivot manually
102080	Recirculation B	ISI-97006-A	H-2	Sway Brace	F-C	F-A,B,C	ISI-VT-2.0	VT	12/9/2001	2001V562	NAD	Use-as-is per CR20017589
102139	Recirc Manifold B	ISI-97006-B	H-13	Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/12/2001	2001V363	NAD	
102195	RHR Equalizer	ISI-97027-A	H-2	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/16/2001	2001V395	NAD	PSI following changeout for snubber functional testing
102196	RHR Equalizer	ISI-97027-A	H-3	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/19/2001	2001V397	NAD	PSI following changeout for snubber functional testing
105023	Head Vent	ISI-782A-A	H-1	Hanger	F-B	F-A,B,C	ISI-VT-2.0	VT	12/8/2001	2001V556	NAD	PSI following vessel reassembly. PSI of replacements, 2 bolts, 2 nuts, 2 washers.
105024	Head Vent	ISI-782A-A	H-2	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	12/7/2001	2001V557	NAD	PSI following vessel reassembly.
105025	Head Vent	ISI-782A-A	H-3	Hanger	F-B	F-A,B,C	ISI-VT-2.0	VT	12/7/2001	2001V558	NAD	PSI following vessel reassembly.

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National Board Number for Unit: N/A

Summary No.	System	ISO Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
<b>Class 2</b>												
100818	Containment Spray	ISI-13142-37-B	H- 5	Snubber / Lugs	C-C	C3.20	ISI-MT-1	MT	11/26/2001	2001M329	NAD	
100818	Containment Spray	ISI-13142-37-B	H- 5	Snubber / Lugs	C-C	C3.20	ISI-VT-2.0	VT	11/15/2001	2001V378	IND	Structure end spherical bearing unstaked
100818	Containment Spray	ISI-13142-37-B	H- 5	Snubber / Lugs	C-C	C3.20	ISI-VT-2.0	VT	11/20/2001	2001V408	NAD	Re-exam following rework per CR20017253
100820	Containment Spray	ISI-13142-37-B	H- 6	Dbl Spr/Clamp&Saddle	C-C	C3.20	ISI-VT-2.0	VT	11/15/2001	2001V377	IND	Loose clamp, load out-of-tolerance, minor baseplate gap, drawing discrepancy
100820	Containment Spray	ISI-13142-37-B	H- 6	Dbl Spr/Clamp&Saddle	C-C	C3.20	ISI-VT-2.0	VT	11/20/2001	2001V409	NAD	Re-exam following rework per CR20017278. Drawing to be corrected per DRR process
100821	Containment Spray	ISI-13142-37-B	H- 7	Dbl Spring / 4 Lugs	C-C	C3.20	ISI-VT-2.0	VT	12/1/2001	2001V458	NAD	
100978	HPCI Steam	ISI-13142-42-A	H- 3	Dbl Spring / 4 Lugs	C-C	C3.20	ISI-VT-2.0	VT	12/1/2001	2001V508	IND	Mechanical discrepancies
100978	HPCI Steam	ISI-13142-42-A	H- 3	Dbl Spring / 4 Lugs	C-C	C3.20	ISI-VT-2.0	VT	12/7/2001	2001V554	NAD	Re-exam following rework per CR20017755
101722	CRD Scram Header A	ISI-93268-1A	W-34 LS U&D	Reducer-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P332	NAD	
101722	CRD Scram Header A	ISI-93268-1A	W-34 LS U&D	Reducer-to-Pipe	C-F-1	C5.10	ISI-UT-16A	UT	11/20/2001	2001U353	NAD	
101732	CRD Scram Header A	ISI-93268-1A	W-10 LS U&D	Pipe-to-Tee	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P325	NAD	
101732	CRD Scram Header A	ISI-93268-1A	W-10 LS U&D	Pipe-to-Tee	C-F-1	C5.10	ISI-UT-16A	UT	11/17/2001	2001U351	NAD	
101738	CRD Scram Header A	ISI-93268-1A	W-16 LS D	Reducer-to-Tee	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P330	NAD	
101738	CRD Scram Header A	ISI-93268-1A	W-16 LS D	Reducer-to-Tee	C-F-1	C5.10	ISI-UT-16	UT	11/19/2001	2001U350	GEO	Limited exam, 1 1/2 vee cal, >90% coverage
101739	CRD Scram Header A	ISI-93268-1A	W-17 LS U&D	Tee-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P324	NAD	
101739	CRD Scram Header A	ISI-93268-1A	W-17 LS U&D	Tee-to-Pipe	C-F-1	C5.10	ISI-UT-16A	UT	11/19/2001	2001U349	NAD	
101740	CRD Scram Header A	ISI-93268-1A	W-18 LS U&D	Pipe-to-Tee	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P333	NAD	
101740	CRD Scram Header A	ISI-93268-1A	W-18 LS U&D	Pipe-to-Tee	C-F-1	C5.10	ISI-UT-16A	UT	11/19/2001	2001U338	NAD	Limited exam, >90% coverage
101746	CRD Scram Header A	ISI-93268-1A	W-24 LS D	Reducer-to-Reducer	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P326	NAD	
101746	CRD Scram Header A	ISI-93268-1A	W-24 LS D	Reducer-to-Reducer	C-F-1	C5.10	ISI-UT-16	UT	11/17/2001	2001U342	GEO	
101747	CRD Scram Header A	ISI-93268-1A	W-25 LS U&D	Reducer-to-Tee	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P327	NAD	
101747	CRD Scram Header A	ISI-93268-1A	W-25 LS U&D	Reducer-to-Tee	C-F-1	C5.10	ISI-UT-16A	UT	11/17/2001	2001U345	NAD	
101749	CRD Scram Header A	ISI-93268-1A	W-27 LS U&D	Elbow-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P328	NAD	
101749	CRD Scram Header A	ISI-93268-1A	W-27 LS U&D	Elbow-to-Pipe	C-F-1	C5.10	ISI-UT-16A	UT	11/17/2001	2001U344	NAD	
101750	CRD Scram Header A	ISI-93268-1A	W-28 LS U&D	Pipe-to-Elbow (45°)	C-F-1	C5.10	ISI-PT-1	PT	11/17/2001	2001P329	NAD	
101750	CRD Scram Header A	ISI-93268-1A	W-28 LS U&D	Pipe-to-Elbow (45°)	C-F-1	C5.10	ISI-UT-16A	UT	11/17/2001	2001U343	NAD	
101753	CRD Scram Header A	ISI-93268-1A	W-31 LS U&D	Elbow-to-Pipe	C-F-1	C5.10	ISI-UT-16A	UT	11/19/2001	2001U339	NAD	
101754	CRD Scram Header A	ISI-93268-1A	W-32 LS U&D	Pipe-to-Elbow	C-F-1	C5.10	ISI-UT-16A	UT	11/19/2001	2001U340	NAD	
101755	CRD Scram Header A	ISI-93268-1A	W-33 LS U&D	Elbow-to-Reducer	C-F-1	C5.10	ISI-UT-16A	UT	11/19/2001	2001U348	NAD	
101824	CRD Scram Header B	ISI-93268-3A	W- 9 LS U&D	Reducer-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P334	NAD	
101825	CRD Scram Header B	ISI-93268-3A	W-10 LS U&D	Pipe-to-Tee	C-F-1	C5.10	ISI-UT-16A	UT	11/21/2001	2001U368	NAD	
101831	CRD Scram Header B	ISI-93268-3A	W-16 LS D	Reducer-to-Tee	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P336	NAD	
101832	CRD Scram Header B	ISI-93268-3A	W-17 LS U&D	Tee-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P337	NAD	
101833	CRD Scram Header B	ISI-93268-3A	W-18 LS U&D	Pipe-to-Tee	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P342	NAD	
101839	CRD Scram Header B	ISI-93268-3A	W-24 LS D	Reducer-to-Reducer	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P339	NAD	

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Summary No.	System	ISO Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
101840	CRD Scram Header B	ISI-93268-3A	W-25 LS U&D	Tee-to-Reducer	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P338	NAD	
101841	CRD Scram Header B	ISI-93268-3A	W-26 LS U&D	Tee-to-Elbow	C-F-1	C5.10	ISI-UT-16A	UT	11/21/2001	2001U370	NAD	
101842	CRD Scram Header B	ISI-93268-3A	W-27 LS U&D	Elbow-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P344	NAD	
101843	CRD Scram Header B	ISI-93268-3A	W-28 LS U&D	Pipe-to-Elbow	C-F-1	C5.10	ISI-UT-16A	UT	11/20/2001	2001U355	NAD	
101845	CRD Scram Header B	ISI-93268-3A	W-30 LS U&D	Elbow-to-Reducer	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P343	NAD	
101845	CRD Scram Header B	ISI-93268-3A	W-30 LS U&D	Elbow-to-Reducer	C-F-1	C5.10	ISI-UT-16A	UT	11/20/2001	2001U354	NAD	Limited exam, >90% coverage
101846	CRD Scram Header B	ISI-93268-3A	W-31 LS U&D	Reducer-to-Pipe	C-F-1	C5.10	ISI-PT-1	PT	11/19/2001	2001P341	NAD	
101846	CRD Scram Header B	ISI-93268-3A	W-31 LS U&D	Reducer-to-Pipe	C-F-1	C5.10	ISI-UT-16A	UT	11/20/2001	2001U352	GEO	
100167	RHR Suction B	ISI-13142-17-C	W-31	Elbow-to-Pipe	C-F-2	C5.51	ISI-MT-1	MT	11/24/2001	2001M324	NAD	
100167	RHR Suction B	ISI-13142-17-C	W-31	Elbow-to-Pipe	C-F-2	C5.51	ISI-UT-1A	UT	11/25/2001	2001U376	NAD	1 1/2 vee cal, 100% coverage
100213	RHR Discharge B	ISI-13142-18-B	W-1	Pump-to-Elbow	C-F-2	C5.51	ISI-MT-1	MT	11/27/2001	2001M337	NAD	
100213	RHR Discharge B	ISI-13142-18-B	W-1	Pump-to-Elbow	C-F-2	C5.51	ISI-UT-1A	UT	11/28/2001	2001U393	GEO	
100249	RHR Discharge B	ISI-13142-18-C	W-1	Nozzle-to-Elbow	C-F-2	C5.51	ISI-MT-1	MT	11/28/2001	2001M327	NAD	
100249	RHR Discharge B	ISI-13142-18-C	W-1	Nozzle-to-Elbow	C-F-2	C5.51	ISI-UT-1A	UT	11/27/2001	2001U385	GEO	
100253	RHR Discharge B	ISI-13142-18-C	W-5	Pipe-to-Elbow	C-F-2	C5.51	ISI-MT-1	MT	11/24/2001	2001M325	NAD	
100253	RHR Discharge B	ISI-13142-18-C	W-5	Pipe-to-Elbow	C-F-2	C5.51	ISI-UT-1A	UT	11/25/2001	2001U375	NAD	
100254	RHR Discharge B	ISI-13142-18-C	W-6	Elbow-to-Pipe	C-F-2	C5.51	ISI-MT-1	MT	11/24/2001	2001M326	NAD	
100254	RHR Discharge B	ISI-13142-18-C	W-6	Elbow-to-Pipe	C-F-2	C5.51	ISI-UT-1A	UT	11/25/2001	2001U374	NAD	
100845	Containment Spray	ISI-13142-37-B	W-18	Pipe-to-Reducer	C-F-2	C5.51	ISI-MT-1	MT	11/14/2001	2001M314	NAD	
100845	Containment Spray	ISI-13142-37-B	W-18	Pipe-to-Reducer	C-F-2	C5.51	ISI-UT-1A	UT	11/14/2001	2001U319	NAD	
100904	HPCI Water Side Dsch	ISI-13142-40-A	W-15	Pipe-to-Valve	C-F-2	C5.51	ISI-MT-1	MT	11/27/2001	2001M331	NAD	PSI following modification
100904	HPCI Water Side Dsch	ISI-13142-40-A	W-15	Pipe-to-Valve	C-F-2	C5.51	ISI-UT-1A	UT	11/27/2001	2001U386	NAD	PDI baseline UT
100904	HPCI Water Side Dsch	ISI-13142-40-A	W-15	Pipe-to-Valve	C-F-2	C5.51	ISI-UT-1	UT	11/27/2001	2001U387	NAD	Conventional baseline UT
100949	HPCI Water Side Dsch	ISI-13142-40-B	W-24	Pipe-to-Tee	C-F-2	C5.51	ISI-MT-1	MT	11/29/2001	2001M332	NAD	
100949	HPCI Water Side Dsch	ISI-13142-40-B	W-24	Pipe-to-Tee	C-F-2	C5.51	ISI-UT-1A	UT	11/29/2001	2001U390	NAD	
101130	RHR Suction B	ISI-13142-49-A	W-16	Tee-to-Elbow	C-F-2	C5.51	ISI-MT-1	MT	11/28/2001	2001M328	NAD	
101130	RHR Suction B	ISI-13142-49-A	W-16	Tee-to-Elbow	C-F-2	C5.51	ISI-UT-1A	UT	11/28/2001	2001U389	NAD	
101207	Feedwater	ISI-13142-52-A	W-1	Valve-to-Tee	C-F-2	C5.51	ISI-MT-1	MT	11/6/2001	2001M303	NAD	
101207	Feedwater	ISI-13142-52-A	W-1	Valve-to-Tee	C-F-2	C5.51	ISI-UT-1A	UT	11/24/2001	2001U373	NAD	Single-sided exam, 1 1/2 vee cal, 100% coverage
101208	Feedwater	ISI-13142-52-A	W-2	Tee-to-Pipe	C-F-2	C5.51	ISI-MT-1	MT	11/6/2001	2001M301	NAD	
101208	Feedwater	ISI-13142-52-A	W-2	Tee-to-Pipe	C-F-2	C5.51	ISI-UT-1A	UT	11/24/2001	2001U372	NAD	1 1/2 vee cal, 100% coverage
101209	Feedwater	ISI-13142-52-A	W-3	Pipe-to-Pipe	C-F-2	C5.51	ISI-MT-1	MT	11/6/2001	2001M302	NAD	
101209	Feedwater	ISI-13142-52-A	W-3	Pipe-to-Pipe	C-F-2	C5.51	ISI-UT-1A	UT	11/25/2001	2001U371	NAD	
101260	Feedwater	ISI-13142-53-A	W-1	Valve-to-Tee	C-F-2	C5.51	ISI-MT-1	MT	11/29/2001	2001M333	NAD	
101260	Feedwater	ISI-13142-53-A	W-1	Valve-to-Tee	C-F-2	C5.51	ISI-UT-1A	UT	11/29/2001	2001U391	NAD	1 1/2 vee cal, 100% coverage
101261	Feedwater	ISI-13142-53-A	W-2	Tee-to-Pipe	C-F-2	C5.51	ISI-MT-1	MT	11/29/2001	2001M334	NAD	
101261	Feedwater	ISI-13142-53-A	W-2	Tee-to-Pipe	C-F-2	C5.51	ISI-UT-1A	UT	11/29/2001	2001U392	NAD	
101262	Feedwater	ISI-13142-53-A	W-3	Pipe-to-Pipe	C-F-2	C5.51	ISI-MT-1	MT	11/6/2001	2001M300	NAD	



NIS-1 Attachment 1  
Inservice Inspection Report  
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Owner: Northern States Power Company, 414 Nicollet Mall, Minneapolis, MN 55401  
Plant: Monticello Nuclear Generating Plant, 2807 West County Rd #75, Monticello, MN 55382  
Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
101262	Feedwater	ISI-13142-53-A	W-3	Pipe-to-Pipe	C-F-2	C5.51	ISI-UT-1A	UT	11/29/2001	2001U395	GEO	
101737	CRD Scram Header A	ISI-93268-1A	W-15	Pipe-to-Reducer	C-F-2	C5.51	ISI-PT-1	PT	11/17/2001	2001P331	NAD	
101737	CRD Scram Header A	ISI-93268-1A	W-15	Pipe-to-Reducer	C-F-2	C5.51	ISI-UT-1A	UT	11/19/2001	2001U347	NAD	Single-sided exam, 1 1/2 vee cal, 100% coverage
106069	CGCS INLET DIV 1 & 2	ISI-94879-A	W-4	Pipe-to-Reducer	C-F-2	C5.51	ISI-MT-1	MT	11/20/2001	2001M317	NAD	Totally inaccessible due to concrete shielding enclosure. Exempt per IMC-1230
106069	CGCS INLET DIV 1 & 2	ISI-94879-A	W-4	Pipe-to-Reducer	C-F-2	C5.51	ISI-UT-1A	UT	11/20/2001	2001U348	NAD	Totally inaccessible due to concrete shielding enclosure. Exempt per IMC-1230
100064	RHR Suction A	ISI-13142-17-A	H-7	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/15/2001	2001V392	NAD	
100065	RHR Suction A	ISI-13142-17-A	H-8	Slide	F-B	F-A,B,C	ISI-VT-2.0	VT	11/15/2001	2001V393	NAD	
100207	RHR Discharge B	ISI-13142-18-B	H-1	Variable Slide	F-C	F-A,B,C	ISI-VT-2.0	VT	11/28/2001	2001V471	NAD	
100247	RHR Discharge B	ISI-13142-18-C	H-2	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/24/2001	2001V482	NAD	
100248	RHR Discharge B	ISI-13142-18-C	H-3	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/25/2001	2001V483	NAD	
100263	HPCI Steam Disch	ISI-13142-19-A	H-1	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/20/2001	2001V415	NAD	Followup Report - Reference Report 98-0239
100333	Core Spray A	ISI-13142-20-A	H-3	Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/14/2001	2001V388	IND	Minor baseplate gap
100333	Core Spray A	ISI-13142-20-A	H-3	Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/28/2001	2001V482	NAD	Re-exam after correction per CR20017277
100363	Core Spray B	ISI-13142-20-B	H-3	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/25/2001	2001V459	IND	Followup Exam (Ref 97-0022) - scratches on piston shaft
100363	Core Spray B	ISI-13142-20-B	H-3	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	12/6/2001	2001V549	NAD	PSI following snubber changeout
100363	Core Spray B	ISI-13142-20-B	H-3	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	12/10/2001	2001V567	NAD	Use-as-is per CR20017677
100430	Core Spray B	ISI-13142-28-A	H-4	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/12/2001	2001V382	NAD	
100784	RHR Discharge A	ISI-13142-37-A	H-3	Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/24/2001	2001V454	IND	No spacers - component end, component end spherical bearing doesn't rotate manually
100784	RHR Discharge A	ISI-13142-37-A	H-3	Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	12/4/2001	2001V544	NAD	Re-examined following rework per CR20017631
100787	RHR Discharge A	ISI-13142-37-A	H-6	Strut / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V492	IND	Minor baseplate gap, spherical bearings painted & won't rotate
100787	RHR Discharge A	ISI-13142-37-A	H-6	Strut / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	12/4/2001	2001V540	NAD	Re-examined following rework per CR20017749
100790	RHR Discharge A	ISI-13142-37-A	H-8	Variable / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/17/2001	2001V389	NAD	
100790	RHR Discharge A	ISI-13142-37-A	H-8	Variable / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/20/2001	2001V407	NAD	PSI following valve actuator maintenance
100790	RHR Discharge A	ISI-13142-37-A	H-8	Variable / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/21/2001	2001V445	NAD	PSI following valve actuator rework
100817	Containment Spray	ISI-13142-37-B	H-4	Variable Spring	F-C	F-A,B,C	ISI-VT-2.0	VT	11/24/2001	2001V456	NAD	
100827	Containment Spray	ISI-13142-37-B	H-12	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/15/2001	2001V391	NAD	Load scale incorrectly stamped. Use-as-is per CR20017478
100850	RHR Discharge A	ISI-13142-37-C	H-4	Old Strut / Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/19/2001	2001V399	NAD	PSI following changeout for snubber functional testing
100924	HPCI Water Side Disch	ISI-13142-40-B	H-11	Strut / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V570	NAD	
100925	HPCI Water Side Disch	ISI-13142-40-B	H-12	Strut / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V571	NAD	
100977	HPCI Steam	ISI-13142-42-A	H-2	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/24/2001	2001V457	IND	Followup exam (reference Rpt. 97-0111(A)), load out-of-tolerance.

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Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
100977	HPCI Steam	ISI-13142-42-A	H-2	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	12/7/2001	2001V553	NAD	Re-exam following rework per CR20017678
100981	HPCI Steam	ISI-13142-42-A	H-5	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	12/8/2001	2001V552	IND	Threads not staked, top rod protrudes into can, stop washer partially broken
100981	HPCI Steam	ISI-13142-42-A	H-5	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	12/8/2001	2001V566	NAD	Re-exam following thread staking, balance use-as-is per CR20017923
100982	HPCI Steam	ISI-13142-42-A	H-6	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/21/2001	2001V443	NAD	Followup exam (reference Rpt. 97-0123)
100983	HPCI Steam	ISI-13142-42-A	H-7	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/20/2001	2001V413	NAD	Followup exam (reference Rpt. 97-0100).
100983	HPCI Steam	ISI-13142-42-A	H-7	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	12/9/2001	2001V564	IND	Re-exam following load adjustment of adjacent hanger, load now out-of-tolerance, acceptable to use-as-is per CR20017981
100984	HPCI Steam	ISI-13142-42-A	H-8	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	12/9/2001	2001V563	NAD	PSI following load adjustment per CR20017765.
100987	HPCI Steam	ISI-13142-42-A	H-11	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	1/9/2001	2001V216	NAD	PSI following changeout for scheduled maintenance
100987	HPCI Steam	ISI-13142-42-A	H-11	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/25/2001	2001V453	NAD	PSI of replacement snubber
100988	HPCI Steam	ISI-13142-42-A	H-12	Box Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/14/2001	2001V372	NAD	PSI following modification and replacement of anchor bolts
101104	RHR Suction A	ISI-13142-49-A	H-1	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/23/2001	2001V440	IND	Top pipe clamp loose
101104	RHR Suction A	ISI-13142-49-A	H-1	Spring / Clamp	F-C	F-A,B,C	ISI-VT-2.0	VT	11/28/2001	2001V481	NAD	Re-exam following rework per CR20017518
101105	RHR Suction A	ISI-13142-49-A	H-2	Dbl Spring / Tee	F-C	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V494	IND	Minor baseplate gap
101105	RHR Suction A	ISI-13142-49-A	H-2	Dbl Spring / Tee	F-C	F-A,B,C	ISI-VT-2.0	VT	12/4/2001	2001V541	NAD	Re-exam following rework per CR20017752
101106	RHR Suction A	ISI-13142-49-A	H-3	Dbl Strut/Dbl Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/29/2001	2001V485	IND	Component end spherical bearings offset, minor baseplate gap.
101106	RHR Suction A	ISI-13142-49-A	H-3	Dbl Strut/Dbl Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	12/5/2001	2001V547	NAD	Re-exam following rework per CR20017750
101107	RHR Suction A	ISI-13142-49-A	H-4	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/14/2001	2001V375	NAD	PSI following changeout for snubber functional testing
101169	Containment Spray	ISI-13142-51-B	H-4	Strut / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/21/2001	2001V442	NAD	Followup exam (reference Rpt. 98-0001)
101711	CRD Scram Header A	ISI-93268-1A	H-10	Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/16/2001	2001V394	NAD	
101715	CRD Scram Header A	ISI-93268-1A	H-14	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/29/2001	2001V487	NAD	PSI following repositioning for weld exam interference
106020	RBCCW	ISI-13142-29-A	H-1	SPRING/4 LUGS	F-C	F-A,B,C	ISI-VT-2.0	VT	11/23/2001	2001V444	NAD	
106042	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-2	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V308	NAD	
106042	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-2	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V368	NAD	2001V368 - extra exam for this component
106043	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-3	Dbl Spring / U-bolt	F-B	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V366	NAD	
106044	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-4	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V306	NAD	
106044	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-4	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V370	NAD	2001V370 - extra exam for this component
106045	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-5	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V307	NAD	
106045	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-5	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/11/2001	2001V350	IND	PSI following changeout for snubber functional testing. Structure end spherical bearing offset
106045	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-5	Snubber / Clamp	F-B	F-A,B,C	ISI-VT-2.0	VT	11/27/2001	2001V478	NAD	Re-exam after rework per CR20017139
106046	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-6	Dbl Strut / U-bolt	F-B	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V367	IND	Minor baseplate gap

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Plant Unit: Unit #1

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 Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
106046	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-6	Obt Strut / U-bolt	F-B	F-A,B,C	ISI-VT-2.0	VT	11/27/2001	2001V480	NAD	Re-exam after rework per CR20017285
106052	Containment Air Purge	ISI-94966-B	H-1	Obt Strut / U-bolt	F-B	F-A,B,C	ISI-VT-2.0	VT	11/7/2001	2001V335	NAD	
106065	CGCS OUTLET DIV 2	ISI-94699-A	H-1/H-2	Double Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/8/2001	2001V336	NAD	
106077	Standby Gas Trimnt & Rx Plenum	ISI-105531-A	H-1	Base Plate	F-B	F-A,B,C	ISI-VT-2.0	VT	11/21/2001	2001V412	IND	Drawing discrepancy, questionable parts use
106077	Standby Gas Trimnt & Rx Plenum	ISI-105531-A	H-1	Base Plate	F-B	F-A,B,C	ISI-VT-2.0	VT	12/9/2001	2001V565	NAD	Use-as-is per CR20017513, correct drawing per DRR
106097	Torus HPV	ISI-158074-A	H-1	Hanger	F-B	F-A,B,C	ISI-VT-2.0	VT	12/4/2001	2001V543	IND	Spherical bearings painted, will not rotate
106097	Torus HPV	ISI-158074-A	H-1	Hanger	F-B	F-A,B,C	ISI-VT-2.0	VT	12/6/2001	2001V551	NAD	Re-exam following rework per CR20017835
106810	RCIC Steam Discharge	ISI-13142-19-B	H-1	Double Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/20/2001	2001V414	NAD	
106950	RHR B	ISI-13142-51-C	H-5	Seismic Snubber	F-C	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V311	NAD	
106950	RHR B	ISI-13142-51-C	H-5	Seismic Snubber	F-C	F-A,B,C	ISI-VT-2.0	VT	11/14/2001	2001V378	NAD	PSI following changeout for snubber functional testing
107006	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-6	Snubber	F-C	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V309	NAD	
107006	Vacuum Relief & CGCS Outlet Div.1	ISI-94966-A	H-6	Snubber	F-C	F-A,B,C	ISI-VT-2.0	VT	11/13/2001	2001V369	NAD	2001V369 - extra exam for this component
107028	RHR A	ISI-13142-37-D	H-1	Restraint Hanger	F-B	F-A,B,C	ISI-VT-2.0	VT	11/24/2001	2001V455	NAD	Augmented Exam per CR 20017276.
107030	RHR A	ISI-13142-37-D	H-3	Double Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V303	NAD	
107030	RHR A	ISI-13142-37-D	H-3	Double Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V509	NAD	2001V509 - extra exam for this component
107049	RHR A	ISI-13142-37-E	H-2	Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	2/2/2001	2001V310	NAD	
107049	RHR A	ISI-13142-37-E	H-2	Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/15/2001	2001V396	NAD	2001V396 - extra exam for this component
107500	Core Spray A	ISI-13142-31-C	B-1	IWA-5250(a)(2) Pressure Retaining Bolting	NC	NC	ISI-VT-3.0	VT	11/20/2001	2001V411	NAD	VT due to leakage at a bolted connection during system pressure test (IWA-5250(a)(2))
101753	CRD Scram Header A	ISI-93268-1A	W-31 LS U&D	Elbow-to-Pipe			ISI-PT-1	PT	11/15/2001	2001P321	NAD	
101754	CRD Scram Header A	ISI-93268-1A	W-32 LS U&D	Pipe-to-Elbow			ISI-PT-1	PT	11/15/2001	2001P322	NAD	
101755	CRD Scram Header A	ISI-93268-1A	W-33 LS U&D	Elbow-to-Reducer			ISI-PT-1	PT	11/15/2001	2001P323	NAD	
101824	CRD Scram Header B	ISI-93268-3A	W- 9 LS U&D	Reducer-to-Pipe			ISI-UT-16A	UT	11/21/2001	2001U369	NAD	
101825	CRD Scram Header B	ISI-93268-3A	W-10 LS U&D	Pipe-to-Tee			ISI-PT-1	PT	11/19/2001	2001P335	NAD	
101831	CRD Scram Header B	ISI-93268-3A	W-16 LS D	Reducer-to-Tee			ISI-UT-16A	UT	11/21/2001	2001U365	NAD	
101832	CRD Scram Header B	ISI-93268-3A	W-17 LS U&D	Tee-to-Pipe			ISI-UT-16A	UT	11/21/2001	2001U367	NAD	
101833	CRD Scram Header B	ISI-93268-3A	W-18 LS U&D	Pipe-to-Tee			ISI-UT-16A	UT	11/21/2001	2001U368	NAD	
101839	CRD Scram Header B	ISI-93268-3A	W-24 LS D	Reducer-to-Reducer			ISI-UT-16	UT	11/20/2001	2001U357	NAD	
101840	CRD Scram Header B	ISI-93268-3A	W-25 LS U&D	Tee-to-Reducer			ISI-UT-16A	UT	11/20/2001	2001U358	NAD	
101841	CRD Scram Header B	ISI-93268-3A	W-26 LS U&D	Tee-to-Elbow			ISI-PT-1	PT	11/19/2001	2001P345	NAD	
101842	CRD Scram Header B	ISI-93268-3A	W-27 LS U&D	Elbow-to-Pipe			ISI-UT-16A	UT	11/20/2001	2001U356	NAD	
101843	CRD Scram Header B	ISI-93268-3A	W-28 LS U&D	Pipe-to-Elbow			ISI-PT-1	PT	11/19/2001	2001P340	NAD	

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Summary No.	System	ISO Num	Comp ID	Comp Desc.	Category	Item	Procedure	Method	Exam Date	Report No.	Results	Comments
102245	RHR Service Water	nd-lsi-102	SWH-306	Base Plate	F-A	F-A,B,C	ISI-VT-2.0	VT	11/6/2001	2001V330	NAD	
102231	RHR Service Water	nd-lsi-101	SS-562	Dbl Strut / Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	11/28/2001	2001V508	IND	PSI following changeout for snubber functional testing. Minor baseplate gap
102231	RHR Service Water	nd-lsi-101	SS-562	Dbl Strut / Snubber	F-B	F-A,B,C	ISI-VT-2.0	VT	12/4/2001	2001V542	NAD	Re-exam after rework per CR20017754
102239	RHR Service Water	nd-lsi-101	SWH-43	Stanchion	F-B	F-A,B,C	ISI-VT-2.0	VT	11/8/2001	2001V337	IND	Rust, chipped grout
102239	RHR Service Water	nd-lsi-101	SWH-43	Stanchion	F-B	F-A,B,C	ISI-VT-2.0	VT	12/6/2001	2001V550	NAD	Re-exam after rework per CR20017226
102247	RHR Service Water	nd-lsi-102	SWH-31	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/6/2001	2001V329	NAD	
102253	RHR Service Water	nd-lsi-103	SR-464	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/7/2001	2001V334	NAD	
102260	RHR Service Water	nd-lsi-104	SR-473	Rod	F-B	F-A,B,C	ISI-VT-2.0	VT	11/6/2001	2001V332	NAD	
102262	RHR Service Water	nd-lsi-105	SR-481	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V511	NAD	
102273	RHR Service Water	nd-lsi-106	SR-97	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V514	NAD	
102277	RHR Service Water	nd-lsi-107	IS-SWH-75	Rod	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V510	NAD	
102284	RHR Service Water	nd-lsi-107	SR-453	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	1/21/2001	2001V513	NAD	
102290	RHR Service Water	nd-lsi-107	SWH-72B	Stanchion	F-B	F-A,B,C	ISI-VT-2.0	VT	11/30/2001	2001V489	NAD	
102292	RHR Service Water	nd-lsi-108	IS-SWH-65	Stanchion	F-B	F-A,B,C	ISI-VT-2.0	VT	11/28/2001	2001V483	IND	Drawing discrepancy
102292	RHR Service Water	nd-lsi-108	IS-SWH-65	Stanchion	F-B	F-A,B,C	ISI-VT-2.0	VT	12/9/2001	2001V561	NAD	Use-as-is per CR20017747, modify drawing per DRR
102294	RHR Service Water	nd-lsi-108	ISI-SWH-69	Rod	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V323	NAD	PSI following piping modification
102295	RHR Service Water	nd-lsi-108	ISI-SWH-70	Dead Weight Support	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V324	NAD	PSI following piping modification and correction of minor baseplate gap (reference Rpt. 1999V004)
102297	RHR Service Water	nd-lsi-108	SR-103	Double Rod	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V326	NAD	PSI following piping modification, minor baseplate gap, corrected per CR20016692.
102298	RHR Service Water	nd-lsi-108	SR-104	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/1/2001	2001V325	NAD	
102300	RHR Service Water	nd-lsi-108	SR-382	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V318	NAD	PSI following piping modification, component end spherical bearing offset, corrected per CR20016692.
102301	RHR Service Water	nd-lsi-108	SR-383	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V319	NAD	PSI following piping modification, clamp bolts loose, spacers mis-installed, retaining clip damaged, minor baseplate gap. Conditions corrected per CR20016692.
102302	RHR Service Water	nd-lsi-108	SR-384	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V320	NAD	PSI following piping modification.
102303	RHR Service Water	nd-lsi-108	SR-385	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V321	NAD	PSI following piping modification, spacers mis-installed, retaining clips damaged. Corrected per CR20016692.
102304	RHR Service Water	nd-lsi-108	SR-386	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/2/2001	2001V322	NAD	PSI following piping modification, spacers mis-installed, retaining clip damaged. Corrected per CR20016692.
102305	RHR Service Water	nd-lsi-108	SR-400	Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	11/1/2001	2001V327	NAD	PSI following piping modification.
102313	RHR Service Water	nd-lsi-109	SR-491	Double Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	12/2/2001	2001V516	IND	Loose nut, paint on spherical bearings, bearings do not rotate.
102313	RHR Service Water	nd-lsi-109	SR-491	Double Strut	F-B	F-A,B,C	ISI-VT-2.0	VT	12/5/2001	2001V548	NAD	Re-exam after rework per CR20017753

**NIS-1 Attachment 1**  
**Inservice Inspection Report**  
**(Sorted by Class & Code Item)**

Owner: Northern States Power Company, 414 Nicollet Mall, Minneapolis, MN 55401  
Plant: Monticello Nuclear Generating Plant, 2807 West County Rd #75, Monticello, MN 55362  
Plant Unit: Unit #1

Owner Certificate of Authorization (If Req.): N/A  
Commercial Service Date: 6/30/1971  
National Board Number for Unit: N/A

<u>Summary No.</u>	<u>System</u>	<u>ISO Num</u>	<u>Comp ID</u>	<u>Comp Desc.</u>	<u>Category</u>	<u>Item</u>	<u>Procedure</u>	<u>Method</u>	<u>Exam Date</u>	<u>Report No.</u>	<u>Results</u>	<u>Comments</u>
102320	RHR Service Water	nd-isi-109	SWH-490	Rod	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V512	NAD	
102326	RHR Service Water	nd-isi-111	SR-88	Stanchion	F-B	F-A,B,C	ISI-VT-2.0	VT	11/6/2001	2001V328	NAD	
102330	RHR Service Water	nd-isi-123	H-204	Rod	F-B	F-A,B,C	ISI-VT-2.0	VT	12/1/2001	2001V515	NAD	
102342	Combustible Gas Ctrl	nd-isi-142	SR-230	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/29/2001	2001V488	NAD	
102346	Combustible Gas Ctrl	nd-isi-144	SR-210	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	11/30/2001	2001V491	IND	Minor baseplate gap
102348	Combustible Gas Ctrl	nd-isi-144	SR-210	Seismic Restraint	F-B	F-A,B,C	ISI-VT-2.0	VT	12/4/2001	2001V539	NAD	Re-exam after rework per CR20017751
102333	Combustible Gas Ctrl	nd-isi-141	SH-221	Spring	F-C	F-A,B,C	ISI-VT-2.0	VT	11/29/2001	2001V490	NAD	
102350	Combustible Gas Ctrl	nd-isi-145	SH-280	Spring	F-C	F-A,B,C	ISI-VT-2.0	VT	11/29/2001	2001V484	NAD	
<b>Non-Code</b>										.		
105009	RCIC Feedwater	NC-ISI-37	W- 1	Pipe-to-Pipe	HELB	NCR95-068	ISI-UT-1	UT	11/24/2001	2001U377	NAD	Non-code exam, UT each outage per NCR-79Z018.
105010	RCIC Feedwater	NC-ISI-37	W- 2	Pipe-to-Tee	HELB	NCR95-068	ISI-UT-1	UT	11/24/2001	2001U378	GEO	Non-code exam. UT each outage per NCR-79Z018. Single-sided, limited exam, 1 1/2 vee cal's, >90% coverage.
105011	RCIC Feedwater	NC-ISI-37	W- 3	Tee-to-Pipe	HELB	NCR95-068	ISI-UT-1	UT	11/24/2001	2001U379	GEO	Non-code exam, UT each outage per NCR-79Z018. Single-sided exam, 1 1/2 vee cal's, 100% coverage.
105012	RCIC Feedwater	NC-ISI-37	W- 4	Tee-to-Elbow	HELB	NCR95-068	ISI-UT-1	UT	11/24/2001	2001U380	GEO	Non-code exam, UT each outage per NCR-79Z018. Single-sided, limited exam, 1 1/2 vee cal, >90% coverage.
105013	RCIC Feedwater	NC-ISI-37	W-12	Pipe-to-Pipe	HELB	NCR95-068	ISI-UT-1	UT	11/24/2001	2001U381	GEO	Non-code exam, UT each outage per NCR- 79Z018.
105014	RCIC Feedwater	NC-ISI-37	W-12A	Pipe-to-Tee	HELB	NCR95-068	ISI-UT-1	UT	11/24/2001	2001U382	GEO	Non-code exam, UT each outage per NCR- 79Z018. Single-sided exam, 1 1/2 vee cal, 100% coverage.
105016	CRD TO RWCU	NC-ISI-51	W-11	Pipe-to-Tee	HELB	NCR95-068	ISI-UT-16	PT	11/26/2001	2001U388	GEO	Non-code exams, examine each outage for NUREG 0619 commitment.
105016	CRD TO RWCU	NC-ISI-51	W-11	Pipe-to-Tee	HELB	NCR95-068	ISI-PT-1	UT	11/26/2001	2001P347	NAD	Non-code exams, examine each outage for NUREG 0619 commitment.
105017	CRD TO RWCU	NC-ISI-51	W-12	Pipe-to-Tee	HELB	NCR95-068	ISI-PT-1	PT	11/26/2001	2001P348	NAD	Non-code exams, examine each outage for NUREG 0619 commitment.
105017	CRD TO RWCU	NC-ISI-51	W-12	Pipe-to-Tee	HELB	NCR95-068	ISI-UT-16	UT	11/26/2001	2001U383	NAD	Non-code exams, examine each outage for NUREG 0619 commitment.
105018	CRD TO RWCU	NC-ISI-51	W-13	Tee-to-Pipe	HELB	NCR95-068	ISI-PT-1	PT	11/26/2001	2001P349	NAD	Non-code exams, examine each outage for NUREG 0619 commitment.
105018	CRD TO RWCU	NC-ISI-51	W-13	Tee-to-Pipe	HELB	NCR95-068	ISI-UT-16	UT	11/26/2001	2001U384	NAD	Non-code exams, examine each outage for NUREG 0619 commitment.

**APPENDIX B**

**System Pressure Test Examinations**

Test Number	Title	Results
0255-12-IIA-1	FEEDWATER SYSTEM PRESSURE TEST, LOOP A, HYDRO TEST	Satisfactory
0255-12-IIA-2	FEEDWATER SYSTEM PRESSURE TEST, LOOP B, HYDRO TEST	Satisfactory
0255-21-IID-1	"A" CGCS PNEUMATIC PRESSURE TEST AIR PORTION	Satisfactory
0255-21-IID-2	"B" CGCS PNEUMATIC PRESSURE TEST AIR PORTION	Satisfactory
0255-05-IIA-1	RHR SW LOOP A HYDROSTATIC TEST	Satisfactory
0255-05-IIA-2	RHR SW LOOP B HYDROSTATIC TEST	Satisfactory
0255-11-IIA-1	EDG-ESW PRESSURE TEST, LOOP A	Satisfactory
0255-11-IIA-3	EMERGENCY SERVICE WATER PRESSURE TEST, LOOP A (10YR)	Satisfactory
0255-05-IIA-1	RHR SW RETEST LOOP A 10 YR	Satisfactory
0255-03-IIA	CORE SPRAY HYDROSTATIC PRESSURE TEST, LOOP A	Satisfactory
0255-04-IIA-1	RHR LOOP A HYDROSTATIC TEST	Satisfactory
0255-16-IIA-1	DRYWELL FLOOR DRAIN SUMP PRESSURE TEST, HYDRO	Satisfactory
0255-21-IIA-1	"A" CGCS HYDROSTATIC TEST FOR WATER LINES, LOOP A	Satisfactory
0255-02-IIA-1	SBLC HYDROSTATIC PRESSURE TEST	Satisfactory
0255-21-IIA-1	"A" CGCS HYDROSTATIC TEST FOR WATER LINES, LOOP B	Satisfactory
0255-11-IIA-2	EDG-ESW PRESSURE TEST, LOOP B	Satisfactory
0255-02-IIA-2	SBLC HYDROSTATIC PRESSURE TEST - SUCTION PIPING	Satisfactory
0255-03-IIA	CORE SPRAY HYDROSTATIC PRESSURE TEST, LOOP B	Satisfactory
0255-04-IIA-2	RHR LOOP B HYDROSTATIC TEST	Satisfactory
0255-21-IIA-2	"B" CGCS HYDROSTATIC TEST FOR WATER LINES, PART A	Satisfactory
0255-04-IIA-3	RHR SHUTDOWN COOLING SUCTION HYDROSTATIC TEST	* March,02
0255-21-IIA-2	"B" CGCS HYDROSTATIC TEST FOR WATER LINES, PART B	Satisfactory
0255-11-IIA-4	EMERGENCY SERVICE WATER PRESSURE TEST, LOOP B (10YR)	Satisfactory
0255-16-IIA-2	DRYWELL EQUIPMENT DRAIN SUMP PRESSURE TEST, HYDRO	Satisfactory
0255-20-IIA-2	VESSEL HYDRO	Satisfactory
0255-06-IIB	HPCI SYSTEM PRESSURE TEST, HYDROSTATIC TEST	*
0255-08-IIA	RCIC SYSTEM PRESSURE TEST, HYDROSTATIC TEST	* April,02

\* To be completed prior to end of interval

**APPENDIX C**

**Reactor Vessel IVVI Examinations**

**Monticello Nuclear Generating Plant  
2001 RF20 Refuel Outage  
In-Vessel Visual Examination Summary Report**

**1.0 In-Vessel Visual Examination Project Overview:**

During the 2001 RF20 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 NSP procedures ISI-VT-4.0, Revision 5 and ISI-VT-4.1, Revision 3. 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 (20)	Beam Bolt Keeper and Tack Welds	VT-1
	Lock Plate, Flat Head Screws, and Tack Welds	VT-1
	Hold Down Beam	VT-3
	Beam Bolt Retainer	VT-3
	Rams Head and Inlet Suction Area	VT-3
	Riser Brace Attachments to Vessel Pad (RB-1 on Primary and Secondary Riser Braces)	VT-1 (JP 11-18, 20) EVT-1 (JP 1-10, 19)
	Riser Brace Leaf to Yoke Welds (RB-2 on Primary and Secondary Riser Braces)	VT-1 (JP 11-18, 20) EVT-1 (JP 1-10, 19)
	Riser Brace to Riser Welds (RS-8 to RS-11 on Primary and Secondary Riser Braces)	VT-1 (JP 11-18, 20) EVT-1 (JP 1-10, 19)
	Restrainer Bracket, Set Screws, and Welds, Including Gaps	VT-1
Core Spray Header Brackets (4)	Header Piping Brackets to Vessel Wall	VT-1
	Bracket Bolt Head Tack Welds	VT-1
	General Condition of Brackets	VT-3



Component	Scope of Work	Inspection Technique
Core Spray Headers (2) and Downcomers (4)	Clamp Assemblies on Tee Box Junctions	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 "B" Downcomer (166°)	EVT-1
Core Spray Spargers (B & C)	Tee Box Cover Plate (S1), Sparger Branch Welds to Tee Box (S2), Sparger End Caps (S4)	EVT-1
	Mounting Brackets and End Brackets (SB)	VT-1
	Nozzle Welds (S3a, S3b)	EVT-1
	Spargers	VT-3
Feedwater Sparger	Nozzle at 340° for Lodged Debris	VT-3
Surveillance Sample Holders (3)	Upper Mounting Bracket and Weld to Vessel	VT-1
	Lower Mounting Bracket and Weld to Vessel	VT-1
	Condition of Sample Holder	VT-3
Steam Dryer Support Brackets (4)	Bracket to Vessel Wall Welds	VT-3
	Condition of Dryer Seating Surface	VT-1
Core Shroud and Shroud Support Plate	Core Plate Support Ring at 65°, 185°, and 305°	EVT-1
	Access Hole Cover Plate Welds at 0° and 180°	VT-1
	Shroud Support Legs at 210°	VT-3
Steam Dryer Hold Down Brackets (4)	Attachment Welds to RPV Head	VT-1
	Bracket Seating Surface	VT-1
	General Condition of Hold Down Bracket	VT-3
Secondary Jet Pump Riser Brace Pads (4)	Inspection of Pad Sampling Areas	VT-1
Vessel Cladding	Cladding Adjacent to RPV Attachments to be Inspected	VT-3
Steam Dryer	Accessible Surfaces of the Dryer From OD Looking for Obvious Degradation	VT-3
	Dryer Jacking Bolts	VT-1
Steam Separator	Accessible surfaces of Separator From OD Looking for Obvious Degradation, Including 48 Shroud Head Bolts.	VT-3

Component	Scope of Work	Inspection Technique
N11A and N11B Nozzles	Areas Surrounding the N11A and N11B Nozzles Where Normal RPV Cladding Oxides have been Removed.	VT-1 and EVT-1

## 1.2 Examination Results

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

The examinations performed did reconfirm previously recorded and unrepaired 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 #10 jet pump vessel side restrainer set screw tack weld.
- Crack indication in the #14 jet pump beam bolt retainer tack weld.
- Crack indication in the #19 jet pump beam bolt retainer tack weld.
- Crack indication in the 325° steam dryer jacking bolt tack weld.
- 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.
- Crack indication in the jet pump #19 secondary riser brace lower leaf to block weld in the block material just above the lower leaf.
- Evidence of minor steam impingement wear on the steam dryer head in the vicinity of all four main steam nozzles.
- Evidence of steam flashing or some other phenomena associated with the N11A and N11B instrument nozzles. This phenomenon has removed the typical surface oxides from the area immediately surrounding the nozzles and for a substantial distance below the nozzles.

A comparison to the previous inspection results was performed on each of these relevant indications. In each case, there was no apparent change from the RF19 inspection results.

Additionally, the crack indication in the #17 Jet pump beam bolt retainer tack weld reported during the RF19 refueling outage could not be reverified. A comparison of the weld profile was performed and it was shown that the crack indication previously reported on jet pump 17 was actually on jet pump 19.

### **1.3 Equipment**

The equipment used during the Monticello Nuclear Generating Plant 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 Camera System
  - R93-S Camera
  - R93-S Cable
  - R93-S CCU

- **Monitors and Recording Equipment**

- Panasonic BTS901 SVHS Color Monitors
- Panasonic AG 1980 Super VHS VCR
- Microphones

- **Cleaning Equipment**

- 10,000 PSI Hydrolazer (Supplied by NMC) with Foot Pedal, Wands, and Weights

- **Underwater Lights and Power Supply**

- UL-210 35w Light
- UL-210 Cable
- PS-160 Power Supply
- Master Lee 500w Light w/cable
- Variac

- **Support Equipment**

- FRA-ANP Handling Poles (various lengths)
- Video Titlemaker 2000 Character Generator
- Various Cables
- SVHS Video Tape

**Monticello Nuclear Generating Plant  
2001 RF20 Refuel Outage  
In-Vessel Visual Examination Indication History**

The following table provides a complete history of the indications that have been identified in reactor vessel internal components at the Monticello Nuclear Generating Plant.

<b>Component</b>	<b>Indication</b>	<b>Associated Engineering Evaluations</b>
Steam Dryer	Steam Impingement Wear in Dryer Head in Areas of all Four Main Steam Nozzles	CR20000209
	Crack Indication in 325° Jacking Bolt Tack Weld - Unrepaired	CR98000794
Jet Pumps	Crack Indication in Jet Pump #10 vessel Side Tack Weld - Unrepaired	CR20000209
	Crack Indication in Jet Pump #14 Vessel Side Tack Weld - Repaired	SRI 94-019
	Crack indication in Jet Pump #15 Vessel Side Tack Weld - Repaired	SRI 94-019
	Crack indication in Jet Pump #18 Vessel Side Tack Weld - Repaired	SRI 94-019
	Crack indication in Jet Pump #14 Beam Bolt retainer Tack Weld - Unrepaired	CR98000794
	Crack indication in Jet Pump #19 Beam Bolt retainer Tack Weld - Unrepaired	CR-98000794
	Crack Indication in Jet Pump #8 Secondary Riser Brace Lower Leaf to Block Weld in Leaf Material - Unrepaired	SRI-89-028
	Crack Indication in Jet Pump #19 Secondary Riser Brace Lower Leaf to Block Weld in Block Material - Unrepaired	CR20000209
	Small 0.25 Inch Crack Indication Extending from Arc Strike in Jet Pump #20 Diffuser Weld DF-2 - Unrepaired	Evaluated by NSP as Oxide Layer Break (Non-Relevant)
Shroud Support Legs	Crack indication in 210° Shroud Support Leg to Shroud Support Cylinder Weld - Unrepaired	CR20000209
Core Spray	Crack Indication in 90° Tee Box Junction to Header - Repaired	SRI-93-006
N11A and N11B Nozzles	Removal of Typical Oxides from Nozzle Areas Due to Steam Flashing or Other Phenomena	CR20000209

**APPENDIX D**

**Snubber Functional Testing**

The following snubbers were tested during the 2001 RFO to meet Tech Spec and Section XI requirements. Since there are 150 safety related snubbers, 15 snubbers were tested per plant procedure 0251, with no failures found.

No.	Snubber Location	Work Order No.	Snubber Serial No.	Test Results
1	SS-185	0105787	528	Pass
2	SS-315-2	0105791	199	Pass
3	SS-28B	0105792	002	Pass
4	SS-361	0105794	184	Pass
5	SS-8	0105798	141	Pass
6	PS4-H3	0105799	521	Pass
7	SS-7AR	0105800	100	Pass
8	SS-19	0105803	030	Pass
9	SS-21	0105805	007	Pass
10	SS-368	0105808	482	Pass
11	RV-24-N1	0105810	148	Pass
12	RV-26-NS1A	0105811	123	Pass
13	RV-27A-H9	0105817	104	Pass
14	RV-25-H1A	0105819	039	Pass
15	RV-26A-NS1B	0105822	162	Pass

**APPENDIX E**

**Letter to ANII requesting use of PDI techniques for examination of  
Vessel Shell-to-Flange weld per IWA-2240, dated November 9, 2001**



Xcel Energy, Inc.  
Monticello Nuclear Generating Facility  
2807 West County Road #75  
Monticello, Minnesota 55362

2 of 3

November 9, 2001

Mr. Kurt Suleski, ANII  
Hartford Steam Boiler  
Monticello NGP Office

Dear Mr. Suleski:

In November of 2001, the site will be shut down for a scheduled refueling outage. This outage is the final outage scheduled for the 3<sup>rd</sup> Period of the 3<sup>rd</sup> 10-year Interval. During the outage, the site has contracted Westinghouse to perform the 10-Year ISI examinations of the Reactor Vessel vertical seam welds. As required by 10CFR50.55a, these welds will be volumetrically examined in accordance with the Appendix VIII supplements of ASME Section XI, 1995 Edition, 1996 Addenda as interpreted by PDI. The applicable examination procedure that Westinghouse has qualified through PDI for examination of these welds is PDI-ISI-254, Rev 4, with Field Change #1 which you have reviewed and have found acceptable for use on November 7, 2001 as indicated by your signature.

Also included in the examination scope for Ultrasonic Testing is the circumferential weld adjoining the vessel shell to the closure flange. This particular weld is not included in the PDI program, thus the requirements for examination remain under IWA-2232 and the Reg. Guide 1.150. The examination requirements fall under ASME Section V Article 4.

The site feels that it would be advantageous to perform these examinations with newer, performance based ultrasonic techniques as an alternative to those stated by the governing code, namely the PDI ultrasonic techniques that are mandated by 10CFR50.55a for use on the remainder of the Reactor Vessel Shell welds.

Per 10CFR50.55a(g)(4), because the Rules of ASME Section XI apply to examination of this weld, Subsection IWA-2240 also applies. IWA-2240 states that 'Alternative examination methods, a combination of methods, or newly developed techniques may be substituted for the methods specified in the Division, provided the Inspector is satisfied that the results are demonstrated to be equivalent or superior to those of the specified method.'

The NRC, in their discussions responding to public comment for the Final Rule, stated that "their view is that, in order to use an alternative method, it would have to be satisfactorily demonstrated that the alternative examination method is equivalent or superior to the specified method. Thus, the performance demonstration would have to be as rigorous as the Appendix VIII performance demonstration."

The proposal presented to you, as the Enforcing Agency Authorized Nuclear Inservice Inspector, is to permit Monticello to use the Westinghouse automated UT PDI qualified procedure, PDI-ISI-254, Rev. 4, Field Change #1 as an alternative examination method of examining the Reactor Vessel to Flange Weld, as permitted by ASME Section XI, Subsection IWA-2240. Attached to this letter is further discussion and detail that may aid in your decision. Sean Clay, UT Level III of Xcel Energy's Metals and Materials Resources Department, has reviewed this proposal and agrees that the use of the qualified PDI examination technique would be technically equivalent to, or superior to, the current examination requirements of Section V, Article 4.

Prepared By:

 11/9/01

Richard Deopere, Inspection Supervisor

Reviewed By:

 11-09-01  
Sean Clay, UT Level III

Attachment 1

**JUSTIFICATION FOR USING PROCEDURE PDI-ISI-254, REV. 4, FIELD CHANGE #1 FOR EXAMINING THE REACTOR VESSEL SHELL TO FLANGE WELD**

1. Appendix VIII was developed to ensure the effectiveness of UT examinations within the nuclear industry by means of a rigorous, item specific, performance demonstration. The Performance Demonstration Initiative (PDI) was conducted on a reactor pressure vessel mockup containing flaws of various sizes and locations. The demonstration established the capability of equipment, procedures, and personnel to find flaws that could be detrimental to the integrity of the reactor pressure vessel.
2. Although Appendix VIII is not a requirement for the flange to shell weld (B1.30), the qualification process to Appendix VIII criteria demonstrates that the examination and evaluation techniques are equal to, or surpass the requirements of IWA-2232, "Ultrasonic Examination" of ASME Section XI and the NRC Regulatory Guide 1.150.
3. A comparison between ASME Section V, Article 4 based UT methods and the procedures developed to satisfy PDI / Appendix VIII can best be described as a comparison between a compliance-based procedure (ASME Section V, Article 4) and a results/performance based procedure (PDI/Appendix VIII). The ASME Section V procedure uses an amplitude-based technique and a known reflector. The proposed alternative UT method was established independently from the acceptance standard for flaw sizes found in ASME Section XI.
4. The PDI qualified sizing method is considered more accurate than the method used in ASME Section V, Article 4. The proposed alternate UT examination technique provides an acceptable level of quality and examination repeatability as compared to the Article 4 requirements.
5. The examination and sizing procedure uses echo-dynamic motion and tip diffraction characteristics of the flaw instead of the amplitude characteristics required by ASME Section V, Article 4. The search units interrogate the same examination volume as depicted by ASME Section XI, Figure IWB 2500-4, "Shell-to-Flange Weld Joint."
6. The use of procedures for satisfying the requirements of ASME Section V Article 4 for the UT examination of the reactor pressure vessel-to-flange weld from the vessel shell has not received the same stringent qualifications as the PDI qualified
7. Westinghouse Automated UT Procedure, PDI-ISI-254, Rev. 4, Field Change #1 is the same procedure that is approved for, and is being used to examine the remainder of the reactor pressure vessel shell welds that are scheduled for the November 2001 Monticello Refueling Outage.



Nuclear Management Company  
Inservice Inspection

Summary Report  
Monticello – 2001

Appendix F  
Reactor Vessel Examination  
Examination Summary

**MONTICELLO NUCLEAR GENERATING PLANT****INTERVAL 3, PERIOD 3, OUTAGE RFO20****REACTOR VESSEL EXAMINATION****EXAMINATION SUMMARY****November 20, 2001****Introduction**

The Monticello Nuclear Generating Plant reactor vessel was examined by WesDyne International from November 11, 2001 through November 19, 2001. Examinations applicable to operational Interval 3, were governed by the Monticello Plant Technical Specifications, ASME Boiler and Pressure Vessel Code, Section XI and Section V, 1986 Edition and 1995 Edition of Section XI, 1996 Addenda, as modified by 10CFR50.55a(b)(2)(xiv, xv and xvi) for Appendix VIII (PDI) examinations.

Procedure PDI-ISI-254 Revision 4 Field Change 01 was used for remote automated examinations of vessel longitudinal shell welds and the flange to shell circumferential weld. The flange to shell weld was examined with the Appendix VIII techniques with concurrence of the Authorized Nuclear In-service Inspector.

Examinations and related activities including calibrations and essential parameter set-up were witnessed by the Utility technical staff and the Authorized Nuclear Inservice Inspector.

**Examinations**

Instructions for calibrations, examinations and assessment of recorded data is contained in PDI-ISI-254 Revision 4, F. C. 01. Considered an integral part of both procedures is the Examination Program Plan, Rev. 1 (EPP). The program plan is a plant specific document detailing the calibration block, beam angles, arrangement of transducers on the end-effector and scale drawings depicting the reactor vessel section profiles and scanning paths. The scanning paths depicted in the technique drawings served as input data for the vessel solid models generated for the scanner motion control software.

Examinations were conducted completely by the contact technique using the WesDyne PARAGON multi-channel data acquisition systems, interfaced to the remote scanning device.

Weld examinations conducted according to the qualified Appendix VIII procedure required the use of 45 degree dual element and single element transducers for volumes of metal from the clad base-metal interface to an depth of 0.6 "t" and 45 degree shear transducers for depths from 0.6 "t" to the OD surface. Scanning was conducted normal

to and parallel to the exam volume at less than 5.5 inches per second with four directional interrogation performed wherever it was possible to do so.

Single side examinations were performed for the examination of some weld areas due to interfering conditions created by vessel configuration. Use of the single side approach is allowed by procedure in cases of obstruction to the scan path.

Qualified examiners, having certification attachments issued by PDI relative to procedure PDI-ISI-254, Rev 4, evaluated data. Monticello technical personnel verified procedure essential variables for acquisition and analysis.

### Examination Results

Examinations of the Monticello reactor vessel yielded no reportable indications

### Examination Limitations

Following are descriptions of examinations coverage and the limitations for each weld

Weld ID	Examination Coverage	Limitation / Comments
VCBC5-Flange to Upper Shell	91.2%	
VLDB1-Long Seam @150°	99.8%	
VLDB2-Long Seam @ 330°	99.9%	
VLCB1 - Long Seam @ 105°	77.1%	Core Spray & Feed Headers
VLCB2 - Long Seam @ 285°	77.2%	Core Spray & Feed Headers
VLBA2 - Long Seam @ 225°	96.1%	Jet Pump restraint brackets High Profile of Circumferential Weld Crown
VLBA1 - Long Seam @ 45°	90.6%	Jet Pump restraint brackets High Profile of Circumferential Weld Crown
VLAA2 - Long Seam @ 255°	75.8%	Jet Pump restraint brackets, Jet Pumps, Jet Pump support plate
VLAA1 - Long Seam @ 75°	80.1%	Jet Pump restraint brackets, Jet Pumps, Jet Pump support plate

### Supplemental Scanning

As a measure to maximize coverage, a recommendation was made to the Utility to supplement the automated ID examination of welds VLCB1 and VLCB2 with manual examinations from the OD surface.

Y. Zhang / C. Wyffels  
WesDyne International  
11-20-01

**Monticello RPV Exam 2001****Complete Weld Data Disc List**

Weld ID		Disc Number
VCBC5-Flange to Upper Shell	Part 1 Part 2 Part 3	M-1 M-2 M-3
VLDB1-Long Seam @ 150°		M-4
VLDB2-Long Seam @ 330°		M-4
VLCB1 - Long Seam @ 105°		M-5
VLCB2 - Long Seam @ 285°		M-5
VLBA1 - Long Seam @ 225°		M-6
VLBA1 - Long Seam @ 45°		M-6
VLAA1 - Long Seam @ 255°		M-7
VLAA1 - Long Seam @ 75°		M-7

All recorded data from the WesDyne RPV Exam to be given to MNGP representative.

Data Discs received by: 