

NORTHERN STATES POWER COMPANY
414 NICOLLET MALL
MINNEAPOLIS, MN 55401

MONTICELLO NUCLEAR GENERATING PLANT
2807 WEST HWY 75
MONTICELLO, MN 55362

REFUELING OUTAGE NUMBER 18
OUTAGE DATES 4-10-96 TO 5-24-96
COMMERCIAL SERVICE DATE JUNE 30, 1971
INSERVICE INSPECTION INTERVAL 3, PERIOD 2

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Prepared By: Tom Jones
ISI Supervisor - Thomas Jones

Reviewed By: Tin Tran
ISI Program Engr. - Tin Tran

Approved By: Jeff Ricker
Superintendent M&SP - Jeff Ricker

Report Date: 24 July 96

I. Summary

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1.0 Introduction

The eighteenth Monticello refueling outage began April 10, 1996 and ended May 24, 1996. This report is for examinations performed for the Inservice Inspection Interval 3, Period 2.

In reference to the NRC letter received August 28, 1991 from Thomas Ippolito on "Implementation of Unresolved Safety Issue A-10, BWR Nozzle Cracking" and NSP's submittal of April 22, 1985 giving supplemental information related to the inservice inspection examination summary for refueling outage No. 10, the following information relating to the feedwater sparger inspection performed during the 1996 Refuel and Maintenance Outage is provided for use by the NRC staff.

The total number of startup cycles since the last feedwater nozzle and sparger visual inspections were done during the 1994 refuel outage is two. The total number of shutdown cycles since the 1994 outage is also two.

An on line feedwater nozzle thermal sleeve leak detection system has been used to monitor feedwater nozzle thermal sleeve bypass flow. This system indicates that there is no significant bypass flow and there is no increasing trend on any of the nozzles.

2.0 Personnel

Visual and nondestructive examinations were performed by NSP, Lambert MacGill and Thomas and Westinghouse BWR Services. Hartford Steam Boiler Inspection and Insurance Company provided the Authorized Inspection. Copies of examination procedures, personnel certifications and equipment records are maintained on file by Northern States Power Company.

3.0 Inspection Summary

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

4.0 Examination Reports, Equipment and Materials

Examination reports contain references to procedures, equipment and materials used to completed specific examinations. Copies of the examination reports, examination records are available at Northern States Power Company.

This Summary report contains several abbreviations which are identified below:

BL = Baseline examination

GEO = Geometry - indication attributable to part structure / configuration

IND = Indication, requires further evaluation

NAD = No Apparent Defects

R1, R2 etc. = consecutive examinations / disposition following repair, rework or evaluation of an initial exam

II. Form NIS-1 Information

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Form NIS-1 Owner's Data Report for Inservice Inspections

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

1. **Owner:** Northern States Power Company
Address: 414 Nicollet Mall; Minneapolis, MN 55401
2. **Plant:** Monticello Nuclear Generating Plant
Address: Monticello, MN 55362
3. **Plant Unit:** 1
4. **Owner (Certificate of Authorization):** ---
5. **Commercial Service Date:** 6/30/71
6. **National Board No. for Unit:** NA
7. **Components Inspected:**

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

ASME (See appendices for components inspected this outage)

8. **Examination Dates:** 10/24/94 to 5/24/96
9. **Inspection Interval:** from 6/1/92 to 5/31/02
10. **Applicable Edition of Section XI:** 1986 Addenda ---
11. **Abstract of Examinations.** Include a list of examinations and a statement concerning status of work required for current interval.
See appendices A through F (Attached)
12. **Abstract of Conditions Noted.**
See appendices A through F (Attached)
13. **Abstract of Corrective Measures Recommended and Taken.**
See appendices A through F (Attached)

II. Form NIS-1 Information

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We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Certification of Authorization No. (if applicable) N/A Expiration Date N/A

Date 24 July 19 96 Signed Northern States Power By J. Ricker
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of MN and employed by Hartford Steam Boiler of Hartford Conn have inspected the components described in this Owner's Report during the period 10/24/94 to 5-24-96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Linwood C. Dillon Commissions NB 10274 MN 96-174
Inspector's Signature National Board, State, Province, Endorsements

Date July 24 19 96

III. NIS-2 Information

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NIS-2 forms are included for the following repairs and replacements:

WO #'s - 9501278, 9601152	Removed surface indications
WO # - Various	Replaced bolting, Replaced accumulators
WO #'s - 9601212, 9600341, 9501730	Replaced support components, Removed corner of plate, Weld buildup
WO #'s - 9601045, 9601046	Replaced valves
WO # - 9600089	Replaced bonnet
WO #'s - 9601378, 9601197	Removed metal to restore tongue and groove flange facing, Replaced bolting
WO # - 9600877, MOD # - 96Q065	Replaced pump discharge relief valves
MOD # - 96Q090	Lugs added to support

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As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

1. Owner Northern States Power Co. Date 6-10-96
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN Address
NSP / WO 9501278 / 9601152 Repair Organization P.O. No., Job No., etc.
3. Work Performed By NSP / WO 9501278 Type Code Symbol Stamp NA
Company Name
see #2 Address
Authorization No. ↓
Expiration Date ↓
4. Identification of System HPCI & A Core Spray Piping / Feedwater
5. (a) Applicable Construction Code B31.1 1977 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
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 or No)
Pump Disch. Piping (HPCI)	NA	NA	NA	—	Original	Metal Removal	No
Pump Suction Piping (ACSP)	NA	NA	NA	—	Original	Metal Removal	No
Pump Disch (FW)							

7. Description of Work Flapped Pipe Exterior to Remove Surface Indications
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: <u>SSSE</u>	Assoc Ref: <u>SSSE</u>	SR: <u>N</u>	Freq: <u>0</u> yrs
	ARMS: <u>3613</u>	Doc Type: _____	Admin Initials: <u>CLG</u>	Date: <u>9-16-94</u>

I/lai

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9. Remarks No pressure test required.
 Applicable Manufacturer's Data Reports to be attached
- _____
- _____
- _____

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.

metal removal
 repair/replacement

Signed Dean Carstens / Sr Engineer Date 6-10-96, 19 —
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 Conn have inspected the components described in this Owner's Report during the period 10/24/94 to 5/24/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Leonard C. Della Commissions NB 10274 MN 96-174
 Inspector's Signature National Board, State, Province, and Endorsements

Date 6-21-96 19 —

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As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

- Owner Northern States Power Co. Date 6-11-96
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN
Address
Various
Repair Organization P.O. No., Job No., etc.
- Work Performed By NSP Type Code Symbol Stamp NA
Company Name
see line #2 Authorization No. ✓
Address Expiration Date ✓
- Identification of System Control Rod Drive
- (a) Applicable Construction Code D31.1 19 77 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
- 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 or No)
CRD Housing Flange bolts	NA	NA	NA	—	NA	Replaced	No
CRD H ₂ O Accumulators	NA	NA	NA	—	NA	Replaced	No

- Description of Work Replaced bolting as part of routing drive replacement;
replaced 6 accumulators.
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: SSSE <u>De</u>	Assoc Ref: SSSE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type:	Admin Initials: <u>CLG</u>	Date: <u>9-16-94</u>

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9. Remarks The accumulators are part of a 3/4" piping system.
Applicable Manufacturer's Data Reports to be attached
They are included in the NIS-2 because their diameter is
^{per 6-11-96} ~~3/4"~~ or greater than 1" NPS.

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 Dean Carstens / Sr Engineer Date 6-11-96, 19 —
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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, Conn. have inspected the components described in this Owner's Report during the period 10/24/94 to 5/24/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Samuel Edalhy Commissions NB 10274 MN 96-174
Inspector's Signature National Board, State, Province, and Endorsements

Date 6-21-96 19 —

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As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

1. Owner Northern States Power Co. Date 6-10-96
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN WD9601212/9600341/950730
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed By NSP Type Code Symbol Stamp NA
Company Name
see #2 Authorization No. /
Address Expiration Date /
4. Identification of System Reactor Head Vent / RHR - Pipe Supports
5. (a) Applicable Construction Code B31.1 19 77 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
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 or No)
①	PH-20 (RPV Vent)	NA	NA	NA	—	original	Replaced	No
②	TWH-14 (RHR)	NA	NA	NA	—	original	Replacement	No
③	TWH-3 (RHR)	NA	NA	NA	—	original	Metal Addition	No

7. Description of Work ① Replaced support components / ② Removed corner of plate / ③ Weld build up
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: <u>SSSE</u> <u>DL</u>	Assoc Ref: <u>SSSE</u>	SR: <u>N</u>	Freq: <u>0</u> yrs
	ARMS: <u>3613</u>	Doc Type: _____	Admin Initials: <u>CLG</u>	Date: <u>9-16-94</u>

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9. Remarks none
 Applicable Manufacturer's Data Reports to be attached

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.	
<div style="display: flex; justify-content: space-between;"> <div> Signed <u>Dean Carstene / Sr Engineer</u> Owner or Owner's Designee, Title </div> <div> Date <u>6-11</u>, 19 <u>96</u> <u>replacement</u> repair/replacement </div> </div>	

CERTIFICATE OF INSERVICE INSPECTION	
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Minnesota</u> and employed by <u>Hartford Steam Boiler</u> of <u>Hartford, Conn</u> have inspected the components described in this Owner's Report during the period <u>10/24/94</u> to <u>5/24/96</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.</p> <p>By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.</p>	
<u>Lundie Salter</u> Inspector's Signature	Commissions <u>NB10274 MW 96-174</u> National Board, State, Province, and Endorsements
Date <u>6-21-96</u> 19 <u>—</u>	

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As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

1. Owner Northern States Power Co. Date 6-10-96
Name _____
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name _____
2807 W Hwy 75, Monticello, MN
Address _____ WO 9601045/46
Repair Organization P.O. No., Job No., etc.
3. Work Performed By NSP Type Code Symbol Stamp NA
Company Name _____
see #2 Address _____ Authorization No. _____
Expiration Date ↓
4. Identification of System Drywell Floor Drain
5. (a) Applicable Construction Code B31.1 19 77 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
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 or No)
A0-2541A	Henry Vogt Machine Co.	1-216795	NA	—	UNK	Replaced	No
A0-2541B	Henry Vogt Machine Co.	4-216795	NA	—	UNK	Replaced	No

7. Description of Work Replaced Valves
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure 80 PSI Test Temp — °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: <u>SSSE</u> <u>OK</u>	Assoc Ref: <u>SSSE</u>	SR: <u>N</u>	Freq: <u>0</u> yrs
	ARMS: <u>3613</u>	Doc Type: _____	Admin Initials: <u>UIC</u>	Date: <u>9-16-94</u>

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9. Remarks None
 Applicable Manufacturer's Data Reports to be attached

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. <u>replacement</u> repair/replacement	
Signed <u>Dean Carstens / Sr Engineer</u> Owner or Owner's Designee, Title	Date <u>6-10</u> , 19 <u>96</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Minnesota</u> and employed by <u>Hartford Steam Boiler Inc of Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>10/24/94</u> to <u>5/24/96</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.	
<u>Donald Dilla</u> Inspector's Signature	Commissions <u>NB 10274 MN 96-174</u> National Board, State, Province, and Endorsements
Date <u>6-21-96</u>	19 <u>—</u>

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As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

- Owner Northern States Power Co. Date 6-10-96
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN
Address
WO 9600089
Repair Organization P.O. No., Job No., etc.
- Work Performed By NSP Type Code Symbol Stamp NA
Company Name
See #2 Authorization No. ↓
Address Expiration Date ↓
- Identification of System B R H R
- (a) Applicable Construction Code B31.1 19 77 Edition, W78 Addenda, - Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
- 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 or No)
AD-10-46B Inject Chkvlve	NA	NA	NA	-	Original	Replaced	No

- Description of Work Replaced the bonnet
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: SSSE <u>DC</u>	Assoc Ref: SSSE	SR: N	Freq: 0 yrs
	ARMS: 3613	Doc Type:	Admin Initials: <u>CL</u>	Date: <u>9-16-94</u>

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9. Remarks none
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules on the ASME Code, Section XI. repair/replacement	
Signed <u>Deem Carstens / Sr Engineer</u> Owner or Owner's Designee, Title	Date <u>6-10</u> , 19 <u>96</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Minnesota</u> and employed by <u>Hartford Steam Boiler Inc of Hartford Conn</u> have inspected the components described in this Owner's Report during the period <u>10/24/94</u> to <u>5/24/96</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.	
<u>Louis E Dillon</u> Inspector's Signature	Commissions <u>NB10274 MN 96-174</u> National Board, State, Province, and Endorsements
Date <u>6-21-96</u>	19 <u>96</u>

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As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

- Owner Northern States Power Co. Date 6-10-96
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN
Address
WO 9601378/9601212 ¹¹⁹⁷ ₆₋₂₁₋₉₆
Repair Organization P.O. No., Job No., etc.
- Work Performed By NSP Type Code Symbol Stamp NA
Company Name
see #2 Authorization No. ✓
Address Expiration Date ✓
- Identification of System Reactor Head Vent Piping Flange Bolts
- (a) Applicable Construction Code B31.1 19 77 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
- 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 or No)
Flange Face	NA	NA	NA	—	Original	Metal Removal	No
All head piping fasteners	NA	NA	NA	—	NA	Replaced	No

- Description of Work Removed Metal to Restore Tongue & Groove Flange Facing
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: <u>SSSE</u> <u>DL</u>	Assoc Ref: <u>SSSE</u>	SR: <u>N</u>	Freq: <u>0</u> yrs
	ARMS: <u>3613</u>	Doc Type: _____	Admin Initials: <u>CLC</u>	Date: <u>9-16-94</u>

I/lai

MONTICELLO NUCLEAR GENERATING PLANT		3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 1	09/15/94
		Page 2 of 2	

9. Remarks The bolted connection was inspected as part of the
regularly scheduled Class I leakage test. No leaks were
reported.

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.

Metal Removal
 repair/replacement

Signed Dean Carstens / Sr Engineer Date 6-10, 19 96
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding 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 Conn have inspected the components described in this Owner's Report during the period 10/24/94 to 5/24/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Linwood Edellon Commissions NB 10274, MD 96-174
 Inspector's Signature National Board, State, Province, and Endorsements

Date 6-21-96 19 96

MONTICELLO NUCLEAR GENERATING PLANT		3613
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 1 09/15/94
		Page 1 of 2

As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

1. Owner Northern States Power Co. Date 6-10-96
Name
2. Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN
Address
WO 9600877 / MOD
Repair Organization P.O. No., Job No., etc.
3. Work Performed By NSP Type Code Symbol Stamp NA
Company Name
see #2 Authorization No. ↓
Address Expiration Date ↓
4. Identification of System Standby Liquid Control
5. (a) Applicable Construction Code B31.1 19 77 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
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 or No)
RV-11-39A	Dresser	TJ-41849	NA	—	UNK	Replaced	VIII
RV-11-39B	Dresser	TJ-41848 1944/54-151 6-10-96	NA	—	UNK	Replaced	VIII

7. Description of Work Replaced Amp Discharge Relief Valves
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

FOR ADMINISTRATIVE USE ONLY	Resp Supv: <u>SSSE</u> <u>DL</u>	Assoc Ref: <u>SSSE</u>	SR: <u>N</u>	Freq: <u>0</u> yrs
	ARMS: <u>3613</u>	Doc Type: _____	Admin Initials: <u>CL</u>	Date: <u>9-16-94</u>

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MONTICELLO NUCLEAR GENERATING PLANT		3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 1	09/15/94
		Page 2 of 2	

9. Remarks None
 Applicable Manufacturer's Data Reports to be attached

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.	
<div style="display: flex; justify-content: space-between;"> <div> Signed <u>Dean Carsten/Sr Engineer</u> Owner or Owner's Designee, Title </div> <div> Date <u>6-10</u>, 19 <u>96</u> <u>replacement</u> repair/replacement </div> </div>	

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors, and the State or Province of <u>Minnesota</u> and employed by <u>Hartford Steam Boiler I&E</u> of <u>Hartford, Conn</u> have inspected the components described in this Owner's Report during the period <u>10/24/94</u> to <u>5/24/96</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.	
<u>Linwood Hill</u> Inspector's Signature	Commissions <u>NB10274 MIV 96-174</u> National Board, State, Province, and Endorsements
Date <u>6-21-96</u> 19 <u>96</u>	

MONTICELLO NUCLEAR GENERATING PLANT		3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 1	09/15/94
		Page 1 of 2	

As required by the provisions of the ASME Code Section XI, this form **SHALL** be completed for repairs and replacements at MNGP¹.

- Owner Northern States Power Co. Date 6-11-96
Name
- Plant Monticello Nuclear Generating Plant Sheet 1 of 1
Name
2807 W Hwy 75, Monticello, MN MOD 960090
Address Repair Organization P.O. No., Job No., etc.
- Work Performed By NSP Type Code Symbol Stamp NA
Company Name
See # 2 Authorization No. /
Address Expiration Date /
- Identification of System RCIC
- (a) Applicable Construction Code B31.1 19 77 Edition, W78 Addenda, — Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacement 19 86
- 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 or No)
<u>Pump Min Flow Piping Support</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>—</u>	<u>NA</u>	<u>Replacement</u>	<u>NO</u>

- Description of Work Lugs added to support
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒
Other ☐ Pressure _____ PSI Test Temp _____ °F

NOTE 1: This form may not address all items needed for documentation of a repair/replacement program, see 4 ACD-05.02 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.

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	ARMS: <u>3613</u>	Doc Type: _____	Admin Initials: <u>CL</u>	Date: <u>9-16-94</u>

I/lai

MONTICELLO NUCLEAR GENERATING PLANT		3613	
TITLE:	OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS - FORM NIS-2	Revision 1	09/15/94
		Page 2 of 2	

9. Remarks none
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules on the ASME Code, Section XI. <u>repair/replacement</u>	
Signed <u>Alan Carstene / Sr Engineer</u> Owner or Owner's Designee, Title	Date <u>6-11</u> , 19 <u>96</u>

CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Minnesota</u> and employed by <u>Hartford Steam Boiler ICE of Hartford Conn.</u> have inspected the components described in this Owner's Report during the period <u>10/24/94</u> to <u>5/24/96</u> , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measure described in the Owner's Report. Furthermore, neither the Inspector nor his employer SHALL be liable in any manner for any personal injury of property damage or a loss of any kind arising from or connected with this inspection.	
<u>Land Schell</u> Inspector's Signature	Commissions <u>NB 10274 MN 96-174</u> National Board, State, Province, and Endorsements
Date <u>6-21-96</u>	19 <u>96</u>

APPENDIX A

INTERVAL 3, PERIOD 2

INSPECTIONS BY ISO

13 Pages

Monticello Nuclear Generating Plant
Old Hwy 152 NW of Monticello
Monticello, MN 55362

Inservice Inspection Report Log
Third Interval By Iso/Item
Commercial Service Date: June 30, 1971

Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
ISI-13142-17-A RHR Suction A	H- 5 Dbl Spr / Half Clamp	96-0023 08/28/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 5 Dbl Spr / Half Clamp	96-0194 04/25/96	VT3 F-A,B,C C 3.20	NAD
ISI-13142-17 A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0024 08/28/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0021 08/25/95	VT3 F-A,B,C C 3.20 Weld size, drawing conflict	IND
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0021R1 04/25/96	VT3 F-A,B,C C 3.20 Reworked, engineering evaluation	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0024R1 04/13/96	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0025 08/28/95	MT C 5. 51	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0039 09/05/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0052 09/07/95	PT C 5. 51	NAD
ISI-13142-17-B HPCI Water Side Sctn	W- 8 Pipe-to-Elbow	96-0030 08/29/95	MT C 5. 51	NAD
ISI-13142-17-B HPCI Water Side Sctn	W- 8 Pipe-to-Elbow	96-0044 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-17-C RHR Suction B	H- 3 Slide	96-0012 08/23/95	VT3 F-A,B,C Damaged bolt	IND
ISI-13142-17-C RHR Suction B	H- 3 Slide	96-0012R1 04/19/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-17-C RHR Suction B	W- 6 Pipe-to-Elbow	96-0001 08/24/95	MT C 5. 51	NAD
ISI-13142-17-C RHR Suction B	W- 6 Pipe-to-Elbow	96-0049 09/07/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-17-C RHR Suction B	W-13 Pipe-to-Weldolet	96-0005 08/23/95	MT C 5. 81	NAD
ISI-13142-18-A RHR Discharge B	W-10 Elbow-to-Pipe	96-0017 08/25/95	MT C 5. 51	NAD
ISI-13142-18-A RHR Discharge B	W-10 Elbow-to-Pipe	96-0045 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-18-A RHR Discharge B	W-19 Tee-to-Elbow	96-0015 08/25/95	MT C 5. 51	NAD
ISI-13142-18-A RHR Discharge B	W-19 Tee-to-Elbow	96-0050 09/07/95	UT45 C 5. 51 Limited examination	GEO
ISI-13142-19-A HPCI Steam Disch	H- 3 Dbl Spring / 4 Lugs	96-0029 08/29/95	MT F-A,B,C C 3.20	NAD
ISI-13142-20-A Core Spray A	H- 3 Snubber	96-0033 08/29/95	VT3 F-A,B,C Drawing conflict - Also Core Spray "A" is plant	IND

Monticello Nuclear Generating Plant
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Monticello, MN 55362

Inservice Inspection Report Log
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Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
			Identifier, ISO refers to "B" which will be changed at next revision	
ISI-13142-20-A Core Spray A	H- 3 Snubber	96-0033R1 11/01/95	VT3 F-A,B,C Engineering evaluation - Also Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 1 Tor. Penn-to-Elbow	96-0013 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 1 Tor. Penn-to-Elbow	96-0046 09/06/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 3 Pipe-to-Elbow	96-0014 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 3 Pipe-to-Elbow	96-0047 09/06/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 7 Elbow-to-Elbow	96-0032 08/29/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 7 Elbow-to-Elbow	96-0037 09/05/95	UT45 C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0018 08/25/95	MT C 5. 51 Linear indications - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	IND
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0038 09/05/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD

Monticello Nuclear Generating Plant
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Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0018R1 08/30/95	MT C 5. 51 Indications removed - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-22 Pipe-to-Pump	96-0019 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-22 Pipe-to-Pump	96-0036 09/05/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-C Rx Ves Head Cooling	H- 2 Dbl Spring / 4 Lugs	96-0098 04/15/96	VT3 F-A,B,C B10.10	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-10 Elbow-to-Pipe	96-0181 04/23/96	MT B 9. 11	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-10 Elbow-to-Pipe	96-0180 04/23/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-22 Flange-to-Nozzle	96-0177 04/22/96	PT B 9. 11	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-22 Flange-to-Nozzle	96-0176 04/22/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-26-A Core Spray B	H- 3 Spring / Clamp	96-0097 04/15/96	VT3 F-A,B,C Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-13142-26-A Core Spray B	W- 6 Valve-to-Pipe	96-0136 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11 - Also, Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-13142-26-A Core Spray B	W- 7 Pipe-to-Pipe	96-0135 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11 - Also, Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-13142-31-A Core Spray A	W- 1 Valve-to-Pipe	96-0140 04/18/96	UT45 B 9. 11 Gen Ltr 87-11 - Also, Core Spray "A" is a plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-31-A Core Spray A	W- 2 Pipe-to-Pipe	96-0139 04/18/96	UT45 B 9. 11 Gen Ltr 87-11 - Also, Core	NAD

Monticello Nuclear Generating Plant
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Monticello, MN 55362

Inservice Inspection Report Log
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Commercial Service Date: June 30, 1971

Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
			Spray "A" is a plant identifier, ISO refers to "B" which will be changed at the next revision	
ISI-13142-33-A Main Steam A	B- 1 Flange Bolts @ W-12	96-0072 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 2 Flange Bolts @ W-14	96-0073 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 3 Flange Bolts @ W-16	96-0074 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 7 Valve Bolts	96-0218 04/30/96	VT1 B 7. 70	NAD
ISI-13142-33-A Main Steam A	B- 9 Valve Bolts	96-0075 04/23/96	VT1 B 7. 70	NAD
ISI-13142-33-A Main Steam A	B-10 Valve Bolts	96-0077 04/23/96	VT1 B 7. 70	NAD
ISI-13142-33-A Main Steam A	H- 2 Snubber / Clamp	96-0189 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-33-A Main Steam A	H- 3 Snubber / Clamp	96-0188 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-33-A Main Steam A	H- 6 Snubber / Clamp	96-0203 04/29/96	VT3 F-A,B,C Snubber misaligned > 5 deg	IND
ISI-13142-33-A Main Steam A	H- 6 Snubber / Clamp	96-0203R1 05/02/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-33-A Main Steam A	V- 3 Valve Int Surfaces	96-0192 04/25/96	VT3 B12. 50	NAD
ISI-13142-33-A Main Steam A	W-10 Elbow-to-Pipe	96-0186 04/24/96	MT B 9. 11	NAD
ISI-13142-33-A Main Steam A	W-10 Elbow-to-Pipe	96-0135 04/24/96	UT45 B 9. 11	NAD
ISI-13142-33-A Main Steam A	W-13 Pipe-to-Sweepolet	96-0161 04/20/96	MT B 9. 31	NAD
ISI-13142-33-A Main Steam A	W-13 Pipe-to-Sweepolet	96-0158 04/20/96	UT45 B 9. 31 Limited examination	NAD
ISI-13142-33-A Main Steam A	W-31 Pipe-to-Pipe	96-0124BL 04/17/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-34-A Main Steam B	B- 2 Flange Bolts @ W-15	96-0078 04/16/96	VT1 B 7. 50	NAD
ISI-13142-34-A Main Steam B	B- 4 Valve Bolts @ W-26	96-0076 04/13/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 4 Valve Bolts @ W-26	96-0076R1 04/29/96	VT1 B 7. 70 New bolts installed	NAD
ISI-13142-34-A Main Steam B	B- 5 Valve Bolts	96-0068 04/13/96	VT1 B 7. 70	NAD

Monticello Nuclear Generating Plant
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Inservice Inspection Report Log
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414 Nicollet Mall
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
ISI-13142-34-A Main Steam B	B- 6 Valve Bolts	96-0183 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 7 Valve Bolts	96-0182 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	H- 2 Snubber / Clamp	96-0187 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-34-A Main Steam B	H- 3 Snubber / Clamp	96-0190 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-34-A Main Steam B	V- 1 Valve Int Surfaces	96-0127 04/17/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	V- 2 Valve Int Surfaces	96-0126 04/17/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	V- 3 Valve Int Surfaces	96-0193 04/25/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	W-10 Elbow-to-Elbow	96-0163 04/20/96	MT B 9. 11	NAD
ISI-13142-34-A Main Steam B	W-10 Elbow-to-Elbow	96-0155 04/20/96	UT45 B 9. 11	NAD
ISI-13142-34-A Main Steam B	W-11 Elbow-to-Pipe	96-0164 04/20/96	MT B 9. 11	NAD
ISI-13142-34-A Main Steam B	W-11 Elbow-to-Pipe	96-0156 04/20/96	UT45 B 9. 11	NAD
ISI-13142-34-A Main Steam B	W-18 Pipe-to-Sweepolet	96-0162 04/20/96	MT B 9. 31	NAD
ISI-13142-34-A Main Steam B	W-18 Pipe-to-Sweepolet	96-0157 04/20/96	UT45 B 9. 31 Limited examination	NAD
ISI-13142-34-A Main Steam B	W-32 Pipe-to-Pipe	96-0123BL 04/17/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-35-A Main Steam C	H- 2 Snubber / Clamp	96-0196 04/26/96	VT3 F-A,B,C	NAD
ISI-13142-35-A Main Steam C	H- 3 Snubber / Clamp	96-0200 04/27/96	VT3 F-A,B,C	NAD
ISI-13142-35-A Main Steam C	W-30 Pipe-to-Pipe	96-0109BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-35-A Main Steam C	W-31 Pipe-to-Pipe	96-0110BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD
ISI-13142-35-A Main Steam C	W-32 Pipe-to-Pipe	96-0111BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD
ISI-13142-36-A Main Steam D	B- 7 Valve Bolts	96-0191 04/25/96	VT1 B 7. 70	NAD
ISI-13142-36-A Main Steam D	H- 5 Snubber / Clamp	96-0166 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-36-A Main Steam D	V- 3 Valve Int Surfaces	96-0184 04/23/96	VT3 B12. 50	NAD

Monticello Nuclear Generating Plant
Old Hwy 152 NW of Monticello
Monticello, MN 55362

Inservice Inspection Report Log
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414 Nicollet Mall
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ISI-13142-36-A Main Steam D	W-32 Pipe-to-Pipe	96-0112BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-36-A Main Steam D	W-34 Pipe-to-Pipe	96-0113BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-37-A RHR Discharge A	H- 3 Snubber	96-0221 05/01/96	VT3 F-A,B,C	NAD
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0035 08/30/95	VT3 F-A,B,C C 3.20 Undersized welds	IND
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0034 08/30/95	MT F-A,B,C C 3.20	NAD
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0035R1 11/01/95	VT3 F-A,B,C C 3.20 Engineering evaluation	NAD
ISI-13142-37-A RHR Discharge A	W-11 Elbow-to-Pipe	96-0051 08/25/95	MT C 5. 51 Limited examination	NAD
ISI-13142-37-A RHR Discharge A	W-11 Elbow-to-Pipe	96-0043 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-37-C RHR Discharge A	H- 2 Spring / Clamp	96-0022 08/28/95	VT3 F-A,B,C Drawing conflict	IND
ISI-13142-37-C RHR Discharge A	H- 2 Spring / Clamp	96-0022R1 11/01/95	VT3 F-A,B,C Engineering evaluation	NAD
ISI-13142-37-C RHR Discharge A	W- 1 Tee-to-Pipe	96-0026 08/28/95	MT C 5. 51	NAD
ISI-13142-37-C RHR Discharge A	W- 1 Tee-to-Pipe	96-0040 09/05/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-37-C RHR Discharge A	W- 2 Pipe-to-Elbow	96-0027 08/28/95	MT C 5. 51	NAD
ISI-13142-37-C RHR Discharge A	W- 2 Pipe-to-Elbow	96-0041 09/05/95	UT45 C 5. 51	NAD
ISI-13142-40-B HPCI Water Side Dsch	H- 6 Dbl Strut / 4 Lugs	96-0016 08/25/95	MT F-A,B,C C 3.20	NAD
ISI-13142-40-B HPCI Water Side Dsch	H- 7 Strut / Clamp	96-0031 08/29/95	VT3 F-A,B,C Loose nuts, plate gap	IND
ISI-13142-40-B HPCI Water Side Dsch	H- 7 Strut / Clamp	96-0031R1 10/31/95	VT3 F-A,B,C Reworked	NAD
ISI-13142-40-B HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0028 08/28/95	MT C 5. 51 Linear indications	IND
ISI-13142-40-B HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0048 09/07/95	UT45 C 5. 51	NAD
ISI-13142-40-B HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0028R1 08/30/95	MT C 5. 51 Indications removed	NAD
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	95-0001 04/24/95	VT3 F-A,B,C Drawing discrepancy	IND
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	95-0001R1 10/23/95	VT3 F-A,B,C Revised drawing	NAD

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ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	96-0195 04/26/96	VT3 F-A,B,C	NAD
ISI-13142-52-A Feedwater	B- 1 Valve Bolts	96-0084 04/15/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	B- 2 Valve Bolts	96-0083 04/15/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	B- 3 Valve Bolts	96-0054 04/12/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	H- 4 Snubber / Clamp	96-0168 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-52-A Feedwater	H- 7 Snubber / Clamp	96-0207 04/30/96	VT3 F-A,B,C	NAD
ISI-13142-52-A Feedwater	W- 1 Valve-to-Tee	96-0104 04/16/96	MT C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 1 Valve-to-Tee	96-0121 04/16/96	UT45 C 5. 51 Limited examination	NAD
ISI-13142-52-A Feedwater	W- 3 Pipe-to-Pipe	96-0105 04/16/96	MT C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 3 Pipe-to-Pipe	96-0117 04/17/96	UT45 C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0152 04/20/96	MT B 9. 11 Linear indications	IND
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0153 04/20/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0152R1 04/26/96	MT B 9. 11 Reworked	NAD
ISI-13142-52-A Feedwater	W-10 Elbow-to-Valve	96-0165 04/20/96	MT B 9. 11	NAD
ISI-13142-52-A Feedwater	W-10 Elbow-to-Valve	96-0154 04/20/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-53-A Feedwater	H- 5 Snubber / Clamp	96-0169 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-53-A Feedwater	H- 7 Snubber / Clamp	96-0138 04/18/96	VT3 F-A,B,C	NAD
ISI-73880-A Reactor Wtr Cleanup	W- 9 Branch-to-Pipe	96-0142 04/19/96	MT B 9. 32	NAD
ISI-73880-A Reactor Wtr Cleanup	W-11 Elbow-to-Pipe	96-0143 04/19/96	MT B 9. 10	NAD
ISI-73880-A Reactor Wtr Cleanup	W-11 Elbow-to-Pipe	96-0145 04/19/96	UT45 B 9. 10 Geometry evaluated	GEO
ISI-73880-A Reactor Wtr Cleanup	W-12 Pipe-to-Elbow	96-0141 04/19/96	MT B 9. 10	NAD
ISI-73880-A Reactor Wtr Cleanup	W-12 Pipe-to-Elbow	96-0144 04/19/96	UT45 B 9. 10 Geometry evaluated	GEO

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ISI-73880-A Reactor Wtr Cleanup	W-26 Pipe-to-Valve	96-0137BL 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD
ISI-782A-A Head Vent	W- 5 Pipe-to-Tee	96-0148 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W- 9 Elbow-to-Pipe	96-0150 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-15 Elbow-to-Pipe	96-0151 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-20 Pipe-to-Elbow	96-0147 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-24 Pipe-to-Elbow	96-0149 04/19/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	H- 1 Clamp	96-0208 04/30/96	VT3 F-A, B, C	NAD
ISI-821-A Bottom Head Drain	W- 8 Pipe-to-Elbow	96-0210 04/30/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W- 9 Elbow-to-Pipe	96-0209 04/30/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W-54 Elbow-to-Pipe	96-0160 04/20/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W-59 Pipe-to-Socket	96-0159 04/20/96	MT B 9. 40	NAD
ISI-8292-42-A HPCI Pumps	DVS Supp C DVS Pump Support	96-0010 08/22/95	VT3 F-A, B, C	NAD
ISI-8292-42-A HPCI Pumps	DVS Supp D DVS Pump Support	96-0011 08/22/95	VT3 F-A, B, C	NAD
ISI-93268-1-A CRD Scram Header A	H-13 Strut / Clamp	96-0042 09/06/95	VT3 F-A, B, C	NAD
ISI-97003-A RHR Return A	H- 3 Snubber / Clamp	96-0205 04/29/96	VT3 F-A, B, C Drawing conflict	IND
ISI-97003-A RHR Return A	H- 3 Snubber / Clamp	96-0205R1 05/01/96	VT3 F-A, B, C Reworked	NAD
ISI-97003-A RHR Return A	W- 1 Valve-to-Pipe	96-0146 04/19/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-97003-B RHR Suction A	H- 2 Snubber / Clamp	96-0206 04/30/96	VT3 F-A, B, C Drawing conflict	IND
ISI-97003-B RHR Suction A	H- 2 Snubber / Clamp	96-0206R1 05/01/96	VT3 F-A, B, C Reworked	NAD
ISI-97003-B RHR Suction A	W-21 Pipe-to-Elbow	96-0133 04/17/96	MT B 9. 11	NAD
ISI-97003-B RHR Suction A	W-21 Pipe-to-Elbow	96-0132 04/17/96	UT45 B 9. 11	NAD
ISI-97003-B RHR Suction A	W-22 Elbow-to-Pipe	96-0134 04/17/96	MT B 9. 11	NAD

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ISI-97003-B RHR Suction A	W-22 Elbow-to-Pipe	96-0131 04/17/96	UT45 B 9. 11	NAD	
ISI-97004-A RHR Return B	B- 5 Valve Bolts	96-0129 04/17/96	VT1 B 7. 70	NAD	
ISI-97004-A RHR Return B	V- 2 Valve Int Surfaces	96-0116 04/16/96	VT3 B12. 50	NAD	
ISI-97004-A RHR Return B	W-25 LS D Pipe-to-Pipe	96-0080 04/13/96	PT B 9. 10	NAD	
ISI-97004-A RHR Return B	W-25 LS D Pipe-to-Pipe	96-0101 04/16/96	UT45 B 9. 10	NAD	
ISI-97004-A RHR Return B	W-29 LS U&D Elbow-to-Pipe	96-0099 04/16/96	PT B 9. 10	NAD	
ISI-97004-A RHR Return B	W-29 LS U&D Elbow-to-Pipe	96-0100 04/16/96	UT45 B 9. 10	NAD	
ISI-97005-A Recirculation A	H- 5 Clevis / Lugs	96-0128 04/17/96	VT3 F-A,B,C B10.10	NAD	
ISI-97005-A Recirculation A	H- 8 Snubber / Lugs	96-0202 04/29/96	VT3 F-A,B,C B10.10	NAD	
ISI-97005-A Recirculation A	H-11 Sway Brace	96-0199 04/27/96	VT3 F-A,B,C	NAD	
ISI-97005-B Recirc Manifold A	H- 2 Snubber / Lugs	96-0167 04/22/96	VT3 F-A,B,C B10.10	NAD	
ISI-97005-C Recirc Pump A	H- 1 Rod / Clevis Grip	96-0086 04/15/96	VT3 F-A,B,C B10.20	NAD	
ISI-97005-C Recirc Pump A	H- 6 Snubber / Lugs	96-0085 04/15/96	VT3 F-A,B,C B10.20 Cotter pin not expanded	IND	
ISI-97005-C Recirc Pump A	H- 6 Snubber / Lugs	96-0085R1 04/20/96	VT3 F-A,B,C B10.20 Reworked	NAD	
ISI-97005-C Recirc Pump A	H- 7 Snubber / Lugs	96-0215 04/30/96	VT3 F-A,B,C B10.20	NAD	
ISI-97005-C Recirc Pump A	H- 8 Snubber / Lugs	96-0214 04/30/96	VT3 F-A,B,C B10.20 Broken cotter pin	IND	
ISI-97005-C Recirc Pump A	H- 8 Snubber / Lugs	96-0214R1 05/01/96	VT3 F-A,B,C B10.20 Reworked	NAD	
ISI-97005-C Recirc Pump A	H- 9 Snubber / Lugs	96-0216 04/30/96	VT3 F-A,B,C B10.20	NAD	
ISI-97006-A Recirculation B	H- 8 Snubber / Lugs	96-0217 04/30/96	VT3 F-A,B,C B10.10	NAD	
ISI-97006-A Recirculation B	H-10 DBI Spring	96-0201 04/27/96	VT3 F-A,B,C B10.10	NAD	
ISI-97006-A Recirculation B	H-11 Sway Brace	96-0197 04/26/96	VT3 F-A,B,C Loose bolting	IND	
ISI-97006-A Recirculation B	H-11 Sway Brace	96-0197R1 04/30/96	VT3 F-A,B,C Reworked	NAD	

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ISI-97006-A Recirculation B	H-12 Restraint	96-0198 04/27/96	VT3 F-A,B,C	NAD
ISI-97006-B Recirc Manifold B	H- 2 Snubber / Lugs	96-0220 05/01/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-B Recirc Manifold B	H-11 Restraint	96-0066 04/12/96	VT3 F-A,B,C	NAD
ISI-97006-B Recirc Manifold B	H-12 Snubber	96-0069 04/12/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-B Recirc Manifold B	W-21 LS U&D Pipe-to-Tee	96-0071 04/13/96	PT B 9. 10	NAD
ISI-97006-B Recirc Manifold B	W-21 LS U&D Pipe-to-Tee	96-0070 04/13/96	UT45 B 9. 10	NAD
ISI-97006-C Recirc Pump B	H- 1 Rod/Clevis Grip/Lugs	96-0065 04/12/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 4 Snubber / Lugs	96-0108 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 5 Snubber / Lugs	96-0107 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067 04/12/96	VT3 F-A,B,C B10.20 Loose bolt	IND
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067R1 04/20/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067R2 04/30/96	VT3 F-A,B,C B10.20 Examined after new snubber installed	NAD
ISI-97006-C Recirc Pump B	H- 7 Snubber / Lugs	96-0106 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 7 Snubber / Lugs	96-0106R1 05/01/96	VT3 F-A,B,C B10.20 Examined after snubber reinstalled	NAD
ISI-97006-C Recirc Pump B	H- 8 Snubber / Lugs	96-0219 04/30/96	VT3 F-A,B,C B10.20	NAD
ISI-97007-A Instrmt Nozzle N-11B	W- 1 Nozzle-to-Safe End	96-0102 04/16/96	PT B 5. 20	NAD
ISI-97007-A Instrmt Nozzle N-11B	W- 2 Safe End-to-Coupling	96-0103 04/16/96	PT B 9. 40	NAD
NC-ISI-51 CRD TO RWCU	W-11 PIPE TO TEE	96-0521 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-11 PIPE TO TEE	96-0518 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-12 PIPE TO TEE	96-0522 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-12 PIPE TO TEE	96-0519 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-13 TEE TO PIPE	96-0523 05/16/95	PT NCR 95-068	NAD

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NC-151-51 CRD TO RWCU	W-13 TEE TO PIPE	96-0520 05/16/95	UT45 NCR 95-068 Limited exam	NAD
New Fig 1 Reactor Vessel	N- 6A IR N- 6A Inner Radius	96-0178 04/22/96	UT70 B 3.100	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0170 04/22/96	UT0 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0171 04/22/96	UT45 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0172 04/22/96	UT60 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0173 04/22/96	UT0 B 1. 22	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0174 04/22/96	UT45 B 1. 22	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0175 04/22/96	UT60 B 1. 22	NAD
New Fig 2 CRD Housings	34-27B CRD Housing Bolts	96-0525BL 05/15/96	VT1 B 7. 80	NAD
New Fig 2 CRD Housings	42-15B CRD Housing Bolts	96-0526BL 05/15/96	VT1 B 7. 80	NAD
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0211 04/30/96	UT0 B 1. 22 Limited examination	NAD
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0212 04/30/96	UT45 B 1. 22 Limited exam - Geometry evaluated	GEO
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0213 04/30/96	UT60 B 1. 22 Limited exam - Geometry evaluated	GEO
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0093 04/15/96	UT0 B 1. 11 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0090 04/15/96	UT45 B 1. 11 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0096 04/15/96	UT60 B 1. 11 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A IR N- 4A Inner Radius	96-0081 04/13/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0092 04/15/96	UT0 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0089 04/15/96	UT45 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0095 04/15/96	UT60 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4D IR N- 4D Inner Radius	96-0082 04/13/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 9 IR N- 9 Inner Radius	96-0087 04/15/96	UT70 B 3.100	NAD

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New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0091 04/15/96	UT0 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0088 04/15/96	UT45 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0094 04/15/96	UT60 B 3. 90 Limited examination	NAD
New Fig 5 CRD Return	W- 1 Nozzle to End Cap	96-0079 04/13/96	PT B 9. 21	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp A Pump Support	96-0007 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp B Pump Support	96-0006 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp C Pump Support	96-0009 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp D Pump Support	96-0008 08/22/95	VT3 F-A,B,C	NAD
New ISI-49 Core Spray Pumps	Support, Pump A Pump Support	96-0002 08/24/95	VT3 F-A,B,C C 3.30	NAD
New ISI-49 Core Spray Pumps	Support, Pump A Pump Support	96-0020 08/25/95	MT F-A,B,C C 3.30 Limited due to configuration	NAD

APPENDIX B

INTERVAL 3, PERIOD 2

INSPECTIONS BY ASME ITEM NUMBER

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New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0093 04/15/96	UT0 B 1. 11 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0090 04/15/96	UT45 B 1. 11 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0096 04/15/96	UT60 B 1. 11 Limited examination	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0173 04/22/96	UT0 B 1. 22	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0174 04/22/96	UT45 B 1. 22	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0175 04/22/96	UT60 B 1. 22	NAD
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0211 04/30/96	UT0 B 1. 22 Limited examination	NAD
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0212 04/30/96	UT45 B 1. 22 Limited exam - Geometry evaluated	GEO
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0213 04/30/96	UT60 B 1. 22 Limited exam - Geometry evaluated	GEO
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0170 04/22/96	UT0 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0171 04/22/96	UT45 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0172 04/22/96	UT60 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0092 04/15/96	UT0 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0089 04/15/96	UT45 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0095 04/15/96	UT60 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0091 04/15/96	UT0 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0088 04/15/96	UT45 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0094 04/15/96	UT60 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A IR N- 6A Inner Radius	96-0178 04/22/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 4A IR N- 4A Inner Radius	96-0081 04/13/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 4D IR N- 4D Inner Radius	96-0082 04/13/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 9 IR N- 9 Inner Radius	96-0087 04/15/96	UT70 B 3.100	NAD

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ISI-97007-A Instrmt Nozzle N-11B	W- 1 Nozzle-to-Safe End	96-0107 04/16/96	PT B 5. 20	NAD
ISI-13142-33-A Main Steam A	B- 1 Flange Bolts @ W-12	96-0072 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 2 Flange Bolts @ W-14	96-0073 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 3 Flange Bolts @ W-16	96-0074 04/13/96	VT1 B 7. 50	NAD
ISI-13142-34-A Main Steam B	B- 2 Flange Bolts @ W-15	96-0078 04/16/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 9 Valve Bolts	96-0075 04/23/96	VT1 B 7. 70	NAD
ISI-13142-33-A Main Steam A	B-10 Valve Bolts	96-0077 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 4 Valve Bolts @ W-26	96-0076 04/13/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 5 Valve Bolts	96-0068 04/13/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	B- 1 Valve Bolts	96-0084 04/15/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	B- 2 Valve Bolts	96-0083 04/15/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	B- 3 Valve Bolts	96-0054 04/12/96	VT1 B 7. 70	NAD
ISI-97004-A RHR Return B	B- 5 Valve Bolts	96-0129 04/17/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 6 Valve Bolts	96-0183 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 7 Valve Bolts	96-0182 04/23/96	VT1 B 7. 70	NAD
ISI-13142-36-A Main Steam D	B- 7 Valve Bolts	96-0191 04/25/96	VT1 B 7. 70	NAD
ISI-13142-33-A Main Steam A	B- 7 Valve Bolts	96-0218 04/30/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 4 Valve Bolts @ W-26	96-0076R1 04/29/96	VT1 B 7. 70 New bolts installed	NAD
New Fig 2 CRD Housings	34-27B CRD Housing Bolts	96-0525BL 05/15/96	VT1 B 7. 80	NAD
New Fig 2 CRD Housings	42-15B CRD Housing Bolts	96-0526BL 05/15/96	VT1 B 7. 80	NAD
ISI-97004-A RHR Return B	W-25 LS D Pipe-to-Pipe	96-0080 04/13/96	PT B 9. 10	NAD
ISI-97004-A RHR Return B	W-25 LS D Pipe-to-Pipe	96-0101 04/16/96	UT45 B 9. 10	NAD

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ISI-97004-A RHR Return B	W-29 LS U&D Elbow-to-Pipe	96-0099 04/16/96	PT B 9. 10	NAD	
ISI-97004-A RHR Return B	W-29 LS U&D Elbow-to-Pipe	96-0100 04/16/96	UT45 B 9. 10	NAD	
ISI-73880-A Reactor Wtr Cleanup	W-11 Elbow-to-Pipe	96-0143 04/19/96	MT B 9. 10	NAD	
ISI-73880-A Reactor Wtr Cleanup	W-11 Elbow-to-Pipe	96-0145 04/19/96	UT45 B 9. 10 Geometry evaluated	GEO	
ISI-73880-A Reactor Wtr Cleanup	W-12 Pipe-to-Elbow	96-0141 04/19/96	MT B 9. 10	NAD	
ISI-73880-A Reactor Wtr Cleanup	W-12 Pipe-to-Elbow	96-0144 04/19/96	UT45 B 9. 10 Geometry evaluated	GEO	
ISI-97006-B Recirc Manifold B	W-21 LS U&D Pipe-to-Tee	96-0071 04/13/96	PT E 9. 10	NAD	
ISI-97006-B Recirc Manifold B	W-21 LS U&D Pipe-to-Tee	96-0070 04/13/96	UT45 B 9. 10	NAD	
ISI-13142-20-C Rx Ves Head Cooling	W-10 Elbow-to-Pipe	96-0181 04/23/96	MT B 9. 11	NAD	
ISI-13142-20-C Rx Ves Head Cooling	W-10 Elbow-to-Pipe	96-0180 04/23/96	UT45 B 9. 11 Limited examination	NAD	
ISI-13142-20-C Rx Ves Head Cooling	W-22 Flange-to-Nozzle	96-0177 04/22/96	PT B 9. 11	NAD	
ISI-13142-20-C Rx Ves Head Cooling	W-22 Flange-to-Nozzle	96-0176 04/22/96	UT45 B 9. 11 Limited examination	NAD	
ISI-13142-33-A Main Steam A	W-10 Elbow-to-Pipe	96-0186 04/24/96	MT B 9. 11	NAD	
ISI-13142-33-A Main Steam A	W-10 Elbow-to-Pipe	96-0185 04/24/96	UT45 B 9. 11	NAD	
ISI-13142-34-A Main Steam B	W-10 Elbow-to-Elbow	96-0163 04/20/96	MT B 9. 11	NAD	
ISI-13142-34-A Main Steam B	W-10 Elbow-to-Elbow	96-0155 04/20/96	UT45 B 9. 11	NAD	
ISI-13142-34-A Main Steam B	W-11 Elbow-to-Pipe	96-0164 04/20/96	MT B 9. 11	NAD	
ISI-13142-34-A Main Steam B	W-11 Elbow-to-Pipe	96-0156 04/20/96	UT45 B 9. 11	NAD	
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0152 04/20/96	MT B 9. 11 Linear indications	IND	
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0153 04/20/96	UT45 B 9. 11 Limited examination	NAD	
ISI-13142-52-A Feedwater	W-10 Elbow-to-Valve	96-0165 04/20/96	MT B 9. 11	NAD	
ISI-13142-52-A Feedwater	W-10 Elbow-to-Valve	96-0154 04/20/96	UT45 B 9. 11 Limited examination	NAD	

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ISI-97003-B RHR Suction A	W-21 Pipe-to-Elbow	96-0133 04/17/96	MT B 9. 11	NAD	
ISI-97003-B RHR Suction A	W-21 Pipe-to-Elbow	96-0132 04/17/96	UT45 B 9. 11	NAD	
ISI-97003-B RHR Suction A	W-22 Elbow-to-Pipe	96-0134 04/17/96	MT B 9. 11	NAD	
ISI-97003-B RHR Suction A	W-22 Elbow-to-Pipe	96-0131 04/17/96	UT45 B 9. 11	NAD	
ISI-13142-33-A Main Steam A	W-31 Pipe-to-Pipe	96-0124BL 04/17/96	UT45 B 9. 11 Gen Ltr 87-11	NAD	
ISI-13142-34-A Main Steam B	W-32 Pipe-to-Pipe	96-0123BL 04/17/96	UT45 B 9. 11 Gen Ltr 87-11	NAD	
ISI-13142-35-A Main Steam C	W-30 Pipe-to-Pipe	96-0109BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD	
ISI-13142-35-A Main Steam C	W-31 Pipe-to-Pipe	96-0110BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD	
ISI-13142-35-A Main Steam C	W-32 Pipe-to-Pipe	96-0111BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD	
ISI-13142-36-A Main Steam D	W-32 Pipe-to-Pipe	96-0112BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD	
ISI-13142-36-A Main Steam D	W-34 Pipe-to-Pipe	96-0113BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD	
ISI-73880-A Reactor Wtr Cleanup	W-26 Pipe-to-Valve	96-0137BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD	
ISI-97003-A RHR Return A	W- 1 Valve-to-Pipe	96-0146 04/19/96	UT45 B 9. 11 Gen Ltr 87-11	NAD	
ISI-13142-26-A Core Spray B	W- 6 Valve-to-Pipe	96-0136 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11 - Also, Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD	
ISI-13142-26-A Core Spray B	W- 7 Pipe-to-Pipe	96-0135 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11 - Also, Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD	
ISI-13142-31-A Core Spray A	W- 1 Valve-to-Pipe	96-0140 04/19/96	UT45 B 9. 11 Gen Ltr 87-11 - Also, Core Spray "A" is a plant identifier, ISO refers to "B" which will be changed at the next revision	NAD	
ISI-13142-31-A Core Spray A	W- 2 Pipe-to-Pipe	96-0139 04/18/96	UT45 B 9. 11 Gen Ltr 87-11 - Also, Core Spray "A" is a plant identifier, ISO refers to "B" which will be changed at the	NAD	

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ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0152R1 04/26/96	MT B 9. 11 Reworked	NAD
New Fig 5 CRD Return	W- 1 Nozzle to End Cap	96-0079 04/13/96	PT B 9. 21	NAD
ISI-13142-33-A Main Steam A	W-13 Pipe-to-Sweepolet	96-0161 04/20/96	MT B 9. 31	NAD
ISI-13142-33-A Main Steam A	W-13 Pipe-to-Sweepolet	96-0158 04/20/96	UT45 B 9. 31 Limited examination	NAD
ISI-13142-34-A Main Steam B	W-18 Pipe-to-Sweepolet	96-0162 04/20/96	MT B 9. 31	NAD
ISI-13142-34-A Main Steam B	W-18 Pipe-to-Sweepolet	96-0157 04/20/96	UT45 B 9. 31 Limited examination	NAD
ISI-73880-A Reactor Wtr Cleanup	W- 9 Branch-to-Pipe	96-0142 04/19/96	MT B 9. 32	NAD
ISI-782A-A Head Vent	W- 5 Pipe-to-Tee	96-0148 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W- 9 Elbow-to-Pipe	96-0150 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-15 Elbow-to-Pipe	96-0151 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-20 Pipe-to-Elbow	96-0147 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-24 Pipe-to-Elbow	96-0149 04/19/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W- 8 Pipe-to-Elbow	96-0210 04/30/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W- 9 Elbow-to-Pipe	96-0209 04/30/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W-54 Elbow-to-Pipe	96-0160 04/20/96	MT B 9. 40	NAD
ISI-97007-A Instrmt Nozzle N-11B	W- 2 Safe End-to-Coupling	96-0103 04/16/96	PT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W-59 Pipe-to-Sockolet	96-0159 04/20/96	MT B 9. 40	NAD
ISI-97004-A RHR Return B	V- 2 Valve Int Surfaces	96-0116 04/16/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	V- 1 Valve Int Surfaces	96-0127 04/17/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	V- 2 Valve Int Surfaces	96-0126 04/17/96	VT3 B12. 50	NAD
ISI-13142-36-A Main Steam D	V- 3 Valve Int Surfaces	96-0184 04/23/96	VT3 B12. 50	NAD

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ISI-13142-34-A Main Steam B	V- 3 Valve Int Surfaces	96-0193 04/25/96	VT3 B12. 50	NAD
ISI-13142-33-A Main Steam A	V- 3 Valve Int Surfaces	96-0192 04/25/96	VT3 B12. 50	NAD
ISI-13142-17-B HPCI Water Side Scn	W- 8 Pipe-to-Elbow	96-0030 08/29/95	MT C 5. 51	NAD
ISI-13142-17-B HPCI Water Side Scn	W- 8 Pipe-to-Elbow	96-0044 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0025 08/28/95	MT C 5. 51	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0039 09/05/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-17-C RHR Suction B	W- 6 Pipe-to-Elbow	96-0001 08/24/95	MT C 5. 51	NAD
ISI-13142-17-C RHR Suction B	W- 6 Pipe-to-Elbow	96-0049 09/07/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-18-A RHR Discharge B	W-10 Elbow-to-Pipe	96-0017 08/25/95	MT C 5. 51	NAD
ISI-13142-18-A RHR Discharge B	W-10 Elbow-to-Pipe	96-0045 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-20-A Core Spray A	W- 1 Tor.Penn-to-Elbow	96-0013 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 1 Tor.Penn-to-Elbow	96-0046 09/06/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 3 Pipe-to-Elbow	96-0014 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 3 Pipe-to-Elbow	96-0047 09/06/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 7 Elbow-to-Elbow	96-0032 08/29/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 7 Elbow-to-Elbow	96-0037 09/05/95	UT45 C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B"	NAD

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ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0018 08/25/95	MT C 5. 51 Linear indications - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	IND
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0038 09/05/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-22 Pipe-to-Pump	96-0019 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-22 Pipe-to-Pump	96-0036 09/05/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-37-A RHR Discharge A	W-11 Elbow-to-Pipe	96-0051 08/25/95	MT C 5. 51 Limited examination	NAD
ISI-13142-37-A RHR Discharge A	W-11 Elbow-to-Pipe	96-0043 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-40-B HPCI Water Side Dash	W-11 Pipe-to-Elbow	96-0028 08/28/95	MT C 5. 51 Linear indications	IND
ISI-13142-40-B HPCI Water Side Dash	W-11 Pipe-to-Elbow	96-0048 09/07/95	UT45 C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 1 Valve-to-Tee	96-0104 04/16/96	MT C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 1 Valve-to-Tee	96-0121 04/16/96	UT45 C 5. 51 Limited examination	NAD
ISI-13142-52-A Feedwater	W- 3 Pipe-to-Pipe	96-0105 04/16/96	MT C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 3 Pipe-to-Pipe	96-0117 04/17/96	UT45 C 5. 51	NAD
ISI-13142-18-A RHR Discharge B	W-19 Tee-to-Elbow	96-0015 08/25/95	MT C 5. 51	NAD
ISI-13142-18-A RHR Discharge B	W-19 Tee-to-Elbow	96-0050 09/07/95	UT45 C 5. 51 Limited examination	GEO
ISI-13142-37-C RHR Discharge A	W- 1 Tee-to-Pipe	96-0026 08/28/95	MT C 5. 51	NAD

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ISI-13142-37-C RHR Discharge A	W- 1 Tee-to-Pipe	96-0040 09/05/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-37-C RHR Discharge A	W- 2 Pipe-to-Elbow	96-0027 08/28/95	MT C 5. 51	NAD
ISI-13142-37-C RHR Discharge A	W- 2 Pipe-to-Elbow	96-0041 09/05/95	UT45 C 5. 51	NAD
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0018R1 08/30/95	MT C 5. 51 Indications removed - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-40-B HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0028R1 08/30/95	MT C 5. 51 Indications removed	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0052 09/07/95	PT C 5. 51	NAD
ISI-13142-17-C RHR Suction B	W-13 Pipe-to-Weldolet	96-0005 08/23/95	MT C 5. 81	NAD
ISI-13142-17-C RHR Suction B	H- 3 Slide	96-0012 08/23/95	VT3 F-A,B,C Damaged bolt	IND
ISI-13142-20-A Core Spray A	H- 3 Snubber	96-0033 08/29/95	VT3 F-A,B,C Drawing conflict - Also Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at next revision	IND
ISI-13142-26-A Core Spray B	H- 3 Spring / Clamp	96-0097 04/15/96	VT3 F-A,B,C Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-13142-33-A Main Steam A	H- 2 Snubber / Clamp	96-0189 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-37-C RHR Discharge A	H- 2 Spring / Clamp	96-0022 08/28/95	VT3 F-A,B,C Drawing conflict	IND
ISI-13142-40-B HPCI Water Side Dsch	H- 7 Strut / Clamp	96-0031 08/29/95	VT3 F-A,B,C Loose nuts, plate gap	IND
ISI-821-A Bottom Head Drain	H- 1 Clamp	96-0208 04/30/96	VT3 F-A,B,C	NAD
ISI-8292-42-A HPCI Pumps	DVS Supp C DVS Pump Support	96-0010 08/22/95	VT3 F-A,B,C	NAD
ISI-8292-42-A HPCI Pumps	DVS Supp D DVS Pump Support	96-0011 08/22/95	VT3 F-A,B,C	NAD
ISI-93268-1-A CRD Scram Header A	H-13 Strut / Clamp	96-0042 09/06/95	VT3 F-A,B,C	NAD
ISI-97006-A Recirculation B	H-11 Sway Brace	96-0197 04/26/96	VT3 F-A,B,C Loose bolting	IND

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ISI-97006-A Recirculation B	H-12 Restraint	96-0196 04/27/96	VT3 F-A,B,C	NAD
ISI-97006-B Recirc Manifold B	H-11 Restraint	96-0066 04/12/96	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp A Pump Support	96-0007 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp B Pump Support	96-0006 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp C Pump Support	96-0009 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp D Pump Support	96-0008 08/22/95	VT3 F-A,B,C	NAD
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	95-0001 04/24/95	VT3 F-A,B,C Drawing discrepancy	IND
ISI-13142-37-C RHR Discharge A	H- 2 Spring / Clamp	96-0022R1 11/01/95	VT3 F-A,B,C Engineering evaluation	NAD
ISI-13142-40-B HPCI Water Side Dsch	H- 7 Strut / Clamp	96-0031R1 10/31/95	VT3 F-A,B,C Reworked	NAD
ISI-13142-20-A Core Spray A	H- 3 Snubber	96-0033R1 11/01/95	VT3 F-A,B,C Engineering evaluation - Also Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	95-0001R1 10/23/95	VT3 F-A,B,C Revised drawing	NAD
ISI-13142-17-C RHR Suction B	H- 3 Slide	96-0012R1 04/19/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-35-A Main Steam C	H- 2 Snubber / Clamp	96-0196 04/26/96	VT3 F-A,B,C	NAD
ISI-13142-36-A Main Steam D	H- 5 Snubber / Clamp	96-0166 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-33-A Main Steam A	H- 6 Snubber / Clamp	96-0203 04/29/96	VT3 F-A,B,C Snubber misaligned > 5 deg	IND
ISI-13142-52-A Feedwater	H- 4 Snubber / Clamp	96-0168 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-53-A Feedwater	H- 5 Snubber / Clamp	96-0169 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-53-A Feedwater	H- 7 Snubber / Clamp	96-0138 04/18/96	VT3 F-A,B,C	NAD
ISI-13142-37-A RHR Discharge A	H- 3 Snubber	96-0221 05/01/96	VT3 F-A,B,C	NAD
ISI-97003-A RHR Return A	H- 3 Snubber / Clamp	96-0205 04/29/96	VT3 F-A,B,C Drawing conflict	IND
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	96-0195 04/26/96	VT3 F-A,B,C	NAD

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ISI-13142-33-A Main Steam A	H- 3 Snubber / Clamp	96-0188 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-34-A Main Steam B	H- 3 Snubber / Clamp	96-0190 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-52-A Feedwater	H- 7 Snubber / Clamp	96-0207 04/30/96	VT3 F-A,B,C	NAD
ISI-97003-B RHR Suction A	H- 2 Snubber / Clamp	96-0206 04/30/96	VT3 F-A,B,C Drawing conflict	IND
ISI-13142-34-A Main Steam B	H- 2 Snubber / Clamp	96-0187 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-35-A Main Steam C	H- 3 Snubber / Clamp	96-0200 04/27/96	VT3 F-A,B,C	NAD
ISI-97005-A Recirculation A	H-11 Sway Brace	96-0199 04/27/96	VT3 F-A,B,C	NAD
ISI-97006-A Recirculation B	H-11 Sway Brace	96-0197R1 04/30/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-33-A Main Steam A	H- 6 Snubber / Clamp	96-0203R1 05/02/96	VT3 F-A,B,C Reworked	NAD
ISI-97003-A RHR Return A	H- 3 Snubber / Clamp	96-0205R1 05/01/96	VT3 F-A,B,C Reworked	NAD
ISI-97003-B RHR Suction A	H- 2 Snubber / Clamp	96-0206R1 05/01/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-20-C Rx Ves Head Cooling	H- 2 Dbl Spring / 4 Lugs	96-0098 04/15/96	VT3 F-A,B,C B10.10	NAD
ISI-97005-A Recirculation A	H- 5 Clevis / Lugs	96-0128 04/17/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-A Recirculation B	H-10 Dbl Spring	96-0201 04/27/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-B Recirc Manifold B	H-12 Snubber	96-0069 04/12/96	VT3 F-A,B,C B10.10	NAD
ISI-97005-B Recirc Manifold A	H- 2 Snubber / Lugs	96-0167 04/22/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-B Recirc Manifold B	H- 2 Snubber / Lugs	96-0220 05/01/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-A Recirculation B	H- 8 Snubber / Lugs	96-0217 04/30/96	VT3 F-A,B,C B10.10	NAD
ISI-97005-A Recirculation A	H- 8 Snubber / Lugs	96-0202 04/29/96	VT3 F-A,B,C B10.10	NAD
ISI-97005-C Recirc Pump A	H- 1 Rod / Clevis Grip	96-0086 04/15/96	VT3 F-A,B,C B10.20	NAD
ISI-97005-C Recirc Pump A	H- 6 Snubber / Lugs	96-0085 04/15/96	VT3 F-A,B,C B10.20 Cotter pin not expanded	IND
ISI-97006-C Recirc Pump B	H- 1 Rod/Clevis Grip/Lugs	96-0065 04/12/96	VT3 F-A,B,C B10.20	NAD

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ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067 04/12/96	VT3 F-A,B,C B10.20 Loose bolt	IND
ISI-97006-C Recirc Pump B	H- 5 Snubber / Lugs	96-0107 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 4 Snubber / Lugs	96-0108 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 7 Snubber / Lugs	96-0106 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067R1 04/20/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-97005-C Recirc Pump A	H- 6 Snubber / Lugs	96-0085R1 04/20/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-97006-C Recirc Pump B	H- 8 Snubber / Lugs	96-0219 04/30/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 7 Snubber / Lugs	96-0106R1 05/01/96	VT3 F-A,B,C B10.20 Examined after snubber reinstalled	NAD
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067R2 04/30/96	VT3 F-A,B,C B10.20 Examined after new snubber installed	NAD
ISI-97005-C Recirc Pump A	H- 8 Snubber / Lugs	96-0214 04/30/96	VT3 F-A,B,C B10.20 Broken cotter pin	IND
ISI-97005-C Recirc Pump A	H- 7 Snubber / Lugs	96-0215 04/30/96	VT3 F-A,B,C B10.20	NAD
ISI-97005-C Recirc Pump A	H- 9 Snubber / Lugs	96-0216 04/30/96	VT3 F-A,B,C B10.20	NAD
ISI-97005-C Recirc Pump A	H- 8 Snubber / Lugs	96-0214R1 05/01/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-13142-17-A RHR Suction A	H- 5 Dbl Spr / Half Clamp	96-0023 08/28/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 5 Dbl Spr / Half Clamp	96-0194 04/25/96	VT3 F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0024 08/28/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0021 08/25/95	VT3 F-A,B,C C 3.20 Weld size, drawing conflict	IND
ISI-13142-19-A HPCI Steam Disch	H- 3 Dbl Spring / 4 Lugs	96-0029 08/29/95	MT F-A,B,C C 3.20	NAD
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0035 08/30/95	VT3 F-A,B,C C 3.20 Undersized welds	IND
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0034 08/30/95	MT F-A,B,C C 3.20	NAD
ISI-13142-40-B HPCI Water Side Disch	H- 6 Dbl Strut / 4 Lugs	96-0016 08/25/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0021R1 04/25/96	VT3 F-A,B,C C 3.20 Reworked, engineering	NAD

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			evaluation	
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0035R1 11/01/95	VT3 F-A,B,C C 3.20 Engineering evaluation	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0024R1 04/13/96	MT F-A,B,C C 3.20	NAD
New ISI-49 Core Spray Pumps	Support, Pump A Pump Support	96-0002 08/24/95	VT3 F-A,B,C C 3.30	NAD
New ISI-49 Core Spray Pumps	Support, Pump A Pump Support	96-0020 08/25/95	MT F-A,B,C C 3.30 Limited due to configuration	NAD
NC-ISI-51 CRD TO RWCU	W-11 PIPE TO TEE	96-0521 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-11 PIPE TO TEE	96-0518 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-12 PIPE TO TEE	96-0522 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-12 PIPE TO TEE	96-0519 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-13 TEE TO PIPE	96-0523 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-13 TEE TO PIPE	96-0520 05/16/95	UT45 NCR 95-068 Limited exam	NAD

APPENDIX C

INTERVAL 3, PERIOD 2

INSPECTIONS BY INSPECTION REPORT NUMBER

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ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	95-0001 04/24/95	VT3 F-A,B,C Drawing discrepancy	IND
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	95-0001R1 10/23/95	VT3 F-A,B,C Revised drawing	NAD
ISI-13142-17-C RHR Suction B	W- 6 Pipe-to-Elbow	96-0001 08/24/95	MT C 5. 51	NAD
New ISI-49 Core Spray Pumps	Support, Pump A Pump Support	96-0002 08/24/95	VT3 F-A,B,C C 3.30	NAD
ISI-13142-17-C RHR Suction B	W-13 Pipe-to-Weldolet	96-0005 08/23/95	MT C 5. 81	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp B Pump Support	96-0006 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp A Pump Support	96-0007 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp D Pump Support	96-0008 08/22/95	VT3 F-A,B,C	NAD
New ISI-47 RCIC Turbine & Pump	Pump Supp C Pump Support	96-0009 08/22/95	VT3 F-A,B,C	NAD
ISI-8292-42-A HPCI Pumps	DVS Supp C DVS Pump Support	96-0010 08/22/95	VT3 F-A,B,C	NAD
ISI-8292-42-A HPCI Pumps	DVS Supp D DVS Pump Support	96-0011 08/22/95	VT3 F-A,B,C	NAD
ISI-13142-17-C RHR Suction B	H- 3 Slide	96-0012 08/23/95	VT3 F-A,B,C Damaged bolt	IND
ISI-13142-17-C RHR Suction B	H- 3 Slide	96-0012R1 04/19/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-20-A Core Spray A	W- 1 Tor.Penn-to-Elbow	96-0013 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 3 Pipe-to-Elbow	96-0014 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-18-A RHR Discharge B	W-19 Tee-to-Elbow	96-0015 08/25/95	MT C 5. 51	NAD
ISI-13142-40-B HPCI Water Side Dsch	H- 6 Dbl Strut / 4 Lugs	96-0016 08/25/95	MT F-A,B,C C 3.20	NAD
ISI-13142-18-A RHR Discharge B	W-10 Elbow-to-Pipe	96-0017 08/25/95	MT C 5. 51	NAD
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0018 08/25/95	MT C 5. 51 Linear indications - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	IND

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ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0018R1 08/30/95	MT C 5. 51 Indications removed - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-22 Pipe-to-Pump	96-0019 08/25/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
New ISI-49 Core Spray Pumps	Support, Pump A Pump Support	96-0020 08/25/95	MT F-A,B,C C 3.30 Limited due to configuration	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0021 08/25/95	VT3 F-A,B,C C 3.20 Weld size, drawing conflict	IND
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0021R1 04/25/96	VT3 F-A,B,C C 3.20 Reworked, engineering evaluation	NAD
ISI-13142-37-C RHR Discharge A	H- 2 Spring / Clamp	96-0022 08/28/95	VT3 F-A,B,C Drawing conflict	IND
ISI-13142-37-C RHR Discharge A	H- 2 Spring / Clamp	96-0022R1 11/01/95	VT3 F-A,B,C Engineering evaluation	NAD
ISI-13142-17-A RHR Suction A	H- 5 Dbl Spr / Half Clamp	96-0023 08/28/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0024 08/28/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	H- 6 Dbl Spr / Half Clamp	96-0024R1 04/13/96	MT F-A,B,C C 3.20	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0025 08/28/95	MT C 5. 51	NAD
ISI-13142-37-C RHR Discharge A	W- 1 Tee-to-Pipe	96-0026 08/28/95	MT C 5. 51	NAD
ISI-13142-37-C RHR Discharge A	W- 2 Pipe-to-Elbow	96-0027 08/28/95	MT C 5. 51	NAD
ISI-13142-40-B HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0028 08/28/95	MT C 5. 51 Linear indications	IND
ISI-13142-40-B HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0028R1 08/30/95	MT C 5. 51 Indications removed	NAD
ISI-13142-19-A HPCI Steam Dsch	H- 3 Dbl Spring / 4 Lugs	96-0029 08/29/95	MT F-A,B,C C 3.20	NAD
ISI-13142-17-B HPCI Water Side Scdn	W- 8 Pipe-to-Elbow	96-0030 08/29/95	MT C 5. 51	NAD
ISI-13142-40-B HPCI Water Side Dsch	H- 7 Strut / Clamp	96-0031 08/29/95	VT3 F-A,B,C Loose nuts, plate gap	IND
ISI-13142-40-B HPCI Water Side Dsch	H- 7 Strut / Clamp	96-0031R1 10/31/95	VT3 F-A,B,C Reworked	NAD

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ISI-13142-20-A Core Spray A	W- 7 Elbow-to-Elbow	96-0032 08/29/95	MT C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	H- 3 Snubber	96-0033 08/29/95	VT3 F-A,B,C Drawing conflict - Also Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at next revision	IND
ISI-13142-20-A Core Spray A	H- 3 Snubber	96-0033R1 11/01/95	VT3 F-A,B,C Engineering evaluation - Also Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0034 08/30/95	MT F-A,B,C C 3.20	NAD
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0035 08/30/95	VT3 F-A,B,C C 3.20 Undersized welds	IND
ISI-13142-37-A RHR Discharge A	H- 7 Dbl Spring / 4 Lugs	96-0035R1 11/01/95	VT3 F-A,B,C C 3.20 Engineering evaluation	NAD
ISI-13142-20-A Core Spray A	W-22 Pipe-to-Pump	96-0036 09/05/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 7 Elbow-to-Elbow	96-0037 09/05/95	UT45 C 5. 51 Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W-16 Pipe-to-Elbow	96-0038 09/05/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0039 09/05/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-37-C RHR Discharge A	W- 1 Tee-to-Pipe	96-0040 09/05/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-37-C RHR Discharge A	W- 2 Pipe-to-Elbow	96-0041 09/05/95	UT45 C 5. 51	NAD
ISI-93268-1-A CRD Scram Header A	H-13 Strut / Clamp	96-0042 09/06/95	VT3 F-A,B,C	NAD
ISI-13142-37-A RHR Discharge A	W-11 Elbow-to-Pipe	96-0043 09/06/95	UT45 C 5. 51 Limited examination	NAD

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ISI-13142-17-B HPCI Water Side Sctn	W- 8 Pipe-to-Elbow	96-0044 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-18-A RHR Discharge B	W-10 Elbow-to-Pipe	96-0045 09/06/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-20-A Core Spray A	W- 1 Tor.Penn-to-Elbow	96-0046 09/06/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-20-A Core Spray A	W- 3 Pipe-to-Elbow	96-0047 09/06/95	UT45 C 5. 51 Limited examination - Also, Core Spray "A" is plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-40-F HPCI Water Side Dsch	W-11 Pipe-to-Elbow	96-0048 09/07/95	UT45 C 5. 51	NAD
ISI-13142-17-C RHR Suction B	W- 6 Pipe-to-Elbow	96-0049 09/07/95	UT45 C 5. 51 Limited examination	NAD
ISI-13142-18-A RHR Discharge B	W-19 Tee-to-Elbow	96-0050 09/07/95	UT45 C 5. 51 Limited examination	GEQ
ISI-13142-37-A RHR Discharge A	W-11 Elbow-to-Pipe	96-0051 08/25/95	MT C 5. 51 Limited examination	NAD
ISI-13142-17-A RHR Suction A	W-12 Pipe-to-Valve	96-0052 09/07/95	PT C 5. 51	NAD
ISI-13142-52-A Feedwater	B- 3 Valve Bolts	96-0054 04/12/96	VT1 B 7. 70	NAD
ISI-97006-C Recirc Pump B	H- 1 Rod/Clevis Grip/Lugs	96-0065 04/12/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-B Recirc Manifold B	H-11 Restraint	96-0066 04/12/96	VT3 F-A,B,C	NAD
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067 04/12/96	VT3 F-A,B,C B10.20 Loose bolt	IND
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067R1 04/20/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-97006-C Recirc Pump B	H- 6 Snubber / Lugs	96-0067R2 04/30/96	VT3 F-A,B,C B10.20 Examined after new snubber installed	NAD
ISI-13142-34-A Main Steam B	B- 5 Valve Bolts	96-0068 04/13/96	VT1 B 7. 70	NAD
ISI-97006-B Recirc Manifold B	H-12 Snubber	96-0069 04/12/96	VT3 F-A,B,C B10.10	NAD
ISI-97006-B Recirc Manifold B	W-21 LS U&D Pipe-to-Tee	96-0070 04/13/96	UT45 B 9. 10	NAD
ISI-97006-B Recirc Manifold B	W-21 LS U&D Pipe-to-Tee	96-0071 04/13/96	PT B 9. 10	NAD

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ISI-13142-33-A Main Steam A	B- 1 Flange Bolts @ W-12	96-0072 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 2 Flange Bolts @ W-14	96-0073 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 3 Flange Bolts @ W-16	96-0074 04/13/96	VT1 B 7. 50	NAD
ISI-13142-33-A Main Steam A	B- 9 Valve Bolts	96-0075 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 4 Valve Bolts @ W-26	96-0076 04/13/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 4 Valve Bolts @ W-26	96-0076R1 04/29/96	VT1 B 7. 70 New bolts installed	NAD
ISI-13142-33-A Main Steam A	B-10 Valve Bolts	96-0077 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 2 Flange Bolts @ W-15	96-0078 04/16/96	VT1 B 7. 50	NAD
New Fig 5 CRD Return	W- 1 Nozzle to End Cap	96-0079 04/13/96	PT B 9. 21	NAD
ISI-97004-A RHR Return B	W-25 LS D Pipe-to-Pipe	96-0080 04/13/96	PT B 9. 10	NAD
New Fig 5 Reactor Vessel	N- 4A IR N- 4A Inner Radius	96-0081 04/13/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 4D IR N- 4D Inner Radius	96-0082 04/13/96	UT70 B 3.100	NAD
ISI-13142-52-A Feedwater	B- 2 Valve Bolts	96-0083 04/15/96	VT1 B 7. 70	NAD
ISI-13142-52-A Feedwater	B- 1 Valve Bolts	96-0084 04/15/96	VT1 B 7. 70	NAD
ISI-97005-C Recirc Pump A	H- 6 Snubber / Lugs	96-0085 04/15/96	VT3 F-A,B,C B10.20 Cotter pin not expanded	IND
ISI-97005-C Recirc Pump A	H- 6 Snubber / Lugs	96-0085R1 04/20/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-97005-C Recirc Pump A	H- 1 Rod / Clevis Grip	96-0086 04/15/96	VT3 F-A,B,C B10.20	NAD
New Fig 5 Reactor Vessel	N- 9 IR N- 9 Inner Radius	96-0087 04/15/96	UT70 B 3.100	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0088 04/15/96	UT45 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0089 04/15/96	UT45 B 3. 90 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0090 04/15/96	UT45 B 1. 11 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0091 04/15/96	UT0 B 3. 90 Limited examination	NAD

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New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0092 04/15/96	UT0 B 3. 90 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0093 04/15/96	UT0 B 1. 11 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 9 NV N- 9 Ves/Noz Weld	96-0094 04/15/96	UT60 B 3. 90 Limited examination	NAD
New Fig 5 Reactor Vessel	N- 4A NV N- 4A Noz/Vsl Weld	96-0095 04/15/96	UT60 B 3. 90 Limited examination	NAD
New Fig 4 Reactor Vessel	VCBB-4 Circ Weld @ N4C	96-0096 04/15/96	UT60 B 1. 11 Limited examination	NAD
ISI-13142-26-A Core Spray B	H- 3 Spring / Clamp	96-0097 04/15/96	VT3 F-A,B,C Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-13142-20-C Rx Ves Head Cooling	H- 2 Dbl Spring / 4 Lugs	96-0098 04/15/96	VT3 F-A,B,C B10.10	NAD
ISI-97004-A RHR Return B	W-29 LS U&D Elbow-to-Pipe	96-0099 04/16/96	PT B 9. 10	NAD
ISI-97004-A RHR Return B	W-29 LS U&D Elbow-to-Pipe	96-0100 04/16/96	UT45 B 9. 10	NAD
ISI-97004-A RHR Return B	W-25 LS D Pipe-to-Pipe	96-0101 04/16/96	UT45 B 9. 10	NAD
ISI-97007-A Instrmt Nozzle N-11B	W- 1 Nozzle-to-Safe End	96-0102 04/16/96	PT B 5. 20	NAD
ISI-97007-A Instrmt Nozzle N-11B	W- 2 Safe End-to-Coupling	96-0103 04/16/96	PT B 9. 40	NAD
ISI-13142-52-A Feedwater	W- 1 Valve-to-Tee	96-0104 04/16/96	MT C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 3 Pipe-to-Pipe	96-0105 04/16/96	MT C 5. 51	NAD
ISI-97006-C Recirc Pump B	H- 7 Snubber / Lugs	96-0106 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 7 Snubber / Lugs	96-0106R1 05/01/96	VT3 F-A,B,C B10.20 Examined after snubber reinstalled	NAD
ISI-97006-C Recirc Pump B	H- 5 Snubber / Lugs	96-0107 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-C Recirc Pump B	H- 4 Snubber / Lugs	96-0108 04/16/96	VT3 F-A,B,C B10.20	NAD
ISI-13142-35-A Main Steam C	W-30 Pipe-tr-Pipe	96-0109BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-35-A Main Steam C	W-31 Pipe-to-Pipe	96-0110BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD
ISI-13142-35-A Main Steam C	W-32 Pipe-to-Pipe	96-0111BL 04/16/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD

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ISI-13142-36-A Main Steam C	W-32 Pipe-to-Pipe	96-0112BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-36-A Main Steam D	W-34 Pipe-to-Pipe	96-0113BL 04/16/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-97004-A RHR Return B	V- 2 Valve Int Surfaces	96-0116 04/16/96	VT3 B12. 50	NAD
ISI-13142-52-A Feedwater	W- 3 Pipe-to-Pipe	96-0117 04/17/96	UT45 C 5. 51	NAD
ISI-13142-52-A Feedwater	W- 1 Valve-to-Tee	96-0121 04/16/96	UT45 C 5. 51 Limited examination	NAD
ISI-13142-34-A Main Steam B	W-32 Pipe-to-Pipe	96-0123BL 04/17/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-33-A Main Steam A	W-31 Pipe-to-Pipe	96-0124BL 04/17/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-13142-34-A Main Steam B	V- 2 Valve Int Surfaces	96-0126 04/17/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	V- 1 Valve Int Surfaces	96-0127 04/17/96	VT3 B12. 50	NAD
ISI-97005-A Recirculation A	H- 5 Clevis / Lugs	96-0128 04/17/96	VT3 F-A,B,C B10.10	NAD
ISI-97004-A RHR Return B	B- 5 Valve Bolts	96-0129 04/17/96	VT1 B 7. 70	NAD
ISI-97003-B RHR Suction A	W-22 Elbow-to-Pipe	96-0131 04/17/96	UT45 B 9. 11	NAD
ISI-97003-B RHR Suction A	W-21 Pipe-to-Elbow	96-0132 04/17/96	UT45 B 9. 11	NAD
ISI-97003-B RHR Suction A	W-21 Pipe-to-Elbow	96-0133 04/17/96	MT B 9. 11	NAD
ISI-97003-B RHR Suction A	W-22 Elbow-to-Pipe	96-0134 04/17/96	MT B 9. 11	NAD
ISI-13142-26-A Core Spray B	W- 7 Pipe-to-Pipe	96-0135 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11 - Also, Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-13142-26-A Core Spray B	W- 6 Valve-to-Pipe	96-0136 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11 - Also, Core Spray "B" is a plant identifier, ISO refers to "A" which will be changed at the next revision	NAD
ISI-73880-A Reactor Wtr Cleanup	W-26 Pipe-to-Valve	96-0137BL 04/18/96	UT45 B 9. 11 Limited exam - Gen Ltr 87-11	NAD
ISI-13142-53-A Feedwater	H- 7 Snubber / Clamp	96-0138 04/18/96	VT3 F-A,B,C	NAD

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ISI-13142-31-A Core Spray A	W- 2 Pipe-to-Pipe	96-0139 04/18/96	UT45 B 9. 11 Gen Ltr 87-11 - Also, Core Spray "A" is a plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-13142-31-A Core Spray A	W- 1 Valve-to-Pipe	96-0140 04/18/96	UT45 B 9. 11 Gen Ltr 87-11 - Also, Core Spray "A" is a plant identifier, ISO refers to "B" which will be changed at the next revision	NAD
ISI-73880-A Reactor Wtr Cleanup	W-12 Pipe-to-Elbow	96-0141 04/19/96	MT B 9. 10	NAD
ISI-73880-A Reactor Wtr Cleanup	W- 9 Branch-to-Pipe	96-0142 04/19/96	MT B 9. 32	NAD
ISI-73880-A Reactor Wtr Cleanup	W-11 Elbow-to-Pipe	96-0143 04/19/96	MT B 9. 10	NAD
ISI-73880-A Reactor Wtr Cleanup	W-12 Pipe-to-Elbow	96-0144 04/19/96	UT45 B 9. 10 Geometry evaluated	GEO
ISI-73880-A Reactor Wtr Cleanup	W-11 Elbow-to-Pipe	96-0145 04/19/96	UT45 B 9. 10 Geometry evaluated	GEO
ISI-97003-A RHR Return A	W- 1 Valve-to-Pipe	96-0146 04/19/96	UT45 B 9. 11 Gen Ltr 87-11	NAD
ISI-782A-A Head Vent	W-20 Pipe-to-Elbow	96-0147 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W- 5 Pipe-to-Tee	96-0148 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-24 Pipe-to-Elbow	96-0149 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W- 9 Elbow-to-Pipe	96-0150 04/19/96	MT B 9. 40	NAD
ISI-782A-A Head Vent	W-15 Elbow-to-Pipe	96-0151 04/19/96	MT B 9. 40	NAD
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0152 04/20/96	MT B 9. 11 Linear indications	IND
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0152R1 04/26/96	MT B 9. 11 Reworked	NAD
ISI-13142-52-A Feedwater	W- 9 Valve-to-Elbow	96-0153 04/20/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-52-A Feedwater	W-10 Elbow-to-Valve	96-0154 04/20/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-34-A Main Steam B	W-10 Elbow-to-Elbow	96-0155 04/20/96	UT45 B 9. 11	NAD
ISI-13142-34-A Main Steam B	W-11 Elbow-to-Pipe	96-0156 04/20/96	UT45 B 9. 11	NAD

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ISI-13142-34-A Main Steam B	W-18 Pipe-to-Sweepolet	96-0157 04/20/96	UT45 B 9. 31 Limited examination	NAD
ISI-13142-33-A Main Steam A	W-13 Pipe-to-Sweepolet	96-0158 04/20/96	UT45 B 9. 31 Limited examination	NAD
ISI-821-A Bottom Head Drain	W-59 Pipe-to-Socket	96-0159 04/20/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W-54 Elbow-to-Pipe	96-0160 04/20/96	MT B 9. 40	NAD
ISI-13142-33-A Main Steam A	W-13 Pipe-to-Sweepolet	96-0161 04/20/96	MT B 9. 31	NAD
ISI-13142-34-A Main Steam B	W-18 Pipe-to-Sweepolet	96-0162 04/20/96	MT B 9. 31	NAD
ISI-13142-34-A Main Steam B	W-10 Elbow-to-Elbow	96-0163 04/20/96	MT B 9. 11	NAD
ISI-13142-34-A Main Steam B	W-11 Elbow-to-Pipe	96-0164 04/20/96	MT B 9. 11	NAD
ISI-13142-52-A Feedwater	W-10 Elbow-to-Valve	96-0165 04/20/96	MT B 9. 11	NAD
ISI-13142-36-A Main Steam D	H- 5 Snubber / Clamp	96-0166 04/22/96	VT3 F-A,B,C	NAD
ISI-97005-B Recirc Manifold A	H- 2 Snubber / Lugs	96-0167 04/22/96	VT3 F-A,B,C B10.10	NAD
ISI-13142-52-A Feedwater	H- 4 Snubber / Clamp	96-0168 04/22/96	VT3 F-A,B,C	NAD
ISI-13142-53-A Feedwater	H- 5 Snubber / Clamp	96-0169 04/22/96	VT3 F-A,B,C	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0170 04/22/96	UT0 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0171 04/22/96	UT45 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	N- 6A NV Nozzle/Head Weld	96-0172 04/22/96	UT60 B 3. 90 Limited examination	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0173 04/22/96	UT0 B 1. 22	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0174 04/22/96	UT45 B 1. 22	NAD
New Fig 1 Reactor Vessel	W- 4 T.H. Meridional Weld	96-0175 04/22/96	UT60 B 1. 22	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-22 Flange-to-Nozzle	96-0176 04/22/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-22 Flange-to-Nozzle	96-0177 04/22/96	PT B 9. 11	NAD
New Fig 1 Reactor Vessel	N- 6A IR N- 6A Inner Radius	96-0178 04/22/96	UT70 B 3.100	NAD

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ISI-13142-20-C Rx Ves Head Cooling	W-10 Elbow-to-Pipe	96-0180 04/23/96	UT45 B 9. 11 Limited examination	NAD
ISI-13142-20-C Rx Ves Head Cooling	W-10 Elbow-to-Pipe	96-0181 04/23/96	MT B 9. 11	NAD
ISI-13142-34-A Main Steam B	B- 7 Valve Bolts	96-0182 04/23/96	VT1 B 7. 70	NAD
ISI-13142-34-A Main Steam B	B- 6 Valve Bolts	96-0183 04/23/96	VT1 B 7. 70	NAD
ISI-13142-36-A Main Steam D	V- 3 Valve Int Surfaces	96-0184 04/23/96	VT3 B12. 50	NAD
ISI-13142-33-A Main Steam A	W-10 Elbow-to-Pipe	96-0185 04/24/96	UT45 B 9. 11	NAD
ISI-13142-33-A Main Steam A	W-10 Elbow-to-Pipe	96-0186 04/24/96	MT B 9. 11	NAD
ISI-13142-34-A Main Steam B	H- 2 Snubber / Clamp	96-0187 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-33-A Main Steam A	H- 3 Snubber / Clamp	96-0188 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-33-A Main Steam A	H- 2 Snubber / Clamp	96-0189 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-34-A Main Steam B	H- 3 Snubber / Clamp	96-0190 04/25/96	VT3 F-A,B,C	NAD
ISI-13142-36-A Main Steam D	B- 7 Valve Bolts	96-0191 04/25/96	VT1 B 7. 70	NAD
ISI-13142-33-A Main Steam A	V- 3 Valve Int Surfaces	96-0192 04/25/96	VT3 B12. 50	NAD
ISI-13142-34-A Main Steam B	V- 3 Valve Int Surfaces	96-0193 04/25/96	VT3 B12. 50	NAD
ISI-13142-17-A RHR Suction A	H- 5 Dbl Spr / Half Clamp	96-0194 04/25/96	VT3 F-A,B,C C 3.20	NAD
ISI-13142-42-A HPCI Steam	H-11 Snubber / Clamp	96-0195 04/26/96	VT3 F-A,B,C	NAD
ISI-13142-35-A Main Steam C	H- 2 Snubber / Clamp	96-0196 04/26/96	VT3 F-A,B,C	NAD
ISI-97006-A Recirculation B	H-11 Sway Brace	96-0197 04/26/96	VT3 F-A,B,C Loose bolting	IND
ISI-97006-A Recirculation B	H-11 Sway Brace	96-0197R1 04/30/96	VT3 F-A,B,C Reworked	NAD
ISI-97006-A Recirculation B	H-12 Restraint	96-0198 04/27/96	VT3 F-A,B,C	NAD
ISI-97005-A Recirculation A	H-11 Sway Brace	96-0199 04/27/96	VT3 F-A,B,C	NAD
ISI-13142-35-A Main Steam C	H- 3 Snubber / Clamp	96-0200 04/27/96	VT3 F-A,B,C	NAD

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ISI-97006-A Recirculation B	H-10 Dbl Spring	96-0201 04/27/96	VT3 F-A,B,C B10.10	NAD
ISI-97005-A Recirculation A	H- 8 Snubber / Lugs	96-0202 04/29/96	VT3 F-A,B,C B10.10	NAD
ISI-13142-33-A Main Steam A	H- 6 Snubber / Clamp	96-0203 04/29/96	VT3 F-A,B,C Snubber misaligned > 5 deg	IND
ISI-13142-33-A Main Steam A	H- 6 Snubber / Clamp	96-0203R1 05/02/96	VT3 F-A,B,C Reworked	NAD
ISI-97003-A RHR Return A	H- 3 Snubber / Clamp	96-0205 04/29/96	VT3 F-A,B,C Drawing conflict	IND
ISI-97003-A RHR Return A	H- 3 Snubber / Clamp	96-0205R1 05/01/96	VT3 F-A,B,C Reworked	NAD
ISI-97003-B RHR Suction A	H- 2 Snubber / Clamp	96-0206 04/30/96	VT3 F-A,B,C Drawing conflict	IND
ISI-97003-B RHR Suction A	H- 2 Snubber / Clamp	96-0206R1 05/01/96	VT3 F-A,B,C Reworked	NAD
ISI-13142-52-A Feedwater	H- 7 Snubber / Clamp	96-0207 04/30/96	VT3 F-A,B,C	NAD
ISI-821-A Bottom Head Drain	H- 1 Clamp	96-0208 04/30/96	VT3 F-A,B,C	NAD
ISI-821-A Bottom Head Drain	W- 9 Elbow-to-Pipe	96-0209 04/30/96	MT B 9. 40	NAD
ISI-821-A Bottom Head Drain	W- 8 Pipe-to-Elbow	96-0210 04/30/96	MT B 9. 40	NAD
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0211 04/30/96	UT0 B 1. 22 Limited examination	NAD
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0212 04/30/96	UT45 B 1. 22 Limited exam - Geometry evaluated	GEO
New Fig 3 Reactor Vessel	W- 1 B.H. Dollar Pl L.S.	96-0213 04/30/96	UT60 B 1. 22 Limited exam - Geometry evaluated	GEO
ISI-97005-C Recirc Pump A	H- 8 Snubber / Lugs	96-0214 04/30/96	VT3 F-A,B,C B10.20 Broken cotter pin	IND
ISI-97005-C Recirc Pump A	H- 8 Snubber / Lugs	96-0214R1 05/01/96	VT3 F-A,B,C B10.20 Reworked	NAD
ISI-97005-C Recirc Pump A	H- 7 Snubber / Lugs	96-0215 04/30/96	VT3 F-A,B,C B10.20	NAD
ISI-97005-C Recirc Pump A	H- 9 Snubber / Lugs	96-0216 04/30/96	VT3 F-A,B,C B10.20	NAD
ISI-97006-A Recirculation B	H- 8 Snubber / Lugs	96-0217 04/30/96	VT3 F-A,B,C B10.10	NAD
ISI-13142-33-A Main Steam A	B- 7 Valve Bolts	96-0218 04/30/96	VT1 B 7. 20	NAD
ISI-97006-C Recirc Pump B	H- 8 Snubber / Lugs	96-0219 04/30/96	VT3 F-A,B,C B10.20	NAD

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ISI-97006-B Recirc Manifold B	H- 2 Snubber / Lugs	96-0220 05/01/96	VT3 F-A,B,C B10.10	NAD
ISI-13142-37-A RHR Discharge A	H- 3 Snubber	96-0221 05/01/96	VT3 F-A,B,C	NAD
NC-ISI-51 CRD TO RWCU	W-11 PIPE TO TEE	96-0518 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-12 PIPE TO TEE	96-0519 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-13 TEE TO PIPE	96-0520 05/16/95	UT45 NCR 95-068 Limited exam	NAD
NC-ISI-51 CRD TO RWCU	W-11 PIPE TO TEE	96-0521 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-12 PIPE TO TEE	96-0522 05/16/95	PT NCR 95-068	NAD
NC-ISI-51 CRD TO RWCU	W-13 TEE TO PIPE	96-0523 05/16/95	PT NCR 95-068	NAD
New Fig 2 CRD Housings	34-27B CRD Housing Bolts	96-0525BL 05/15/96	VT1 B 7, 80	NAD
New Fig 2 CRD Housings	42-15B CRD Housing Bolts	96-0526BL 05/15/96	VT1 B 7, 80	NAD

APPENDIX D

LIST OF SECTION XI VT-2 EXAMINATIONS

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Test Number	Type	System	Results
0255-02-IIB-1	Functional	SBLC	SAT
0255-02-IIB-2	Functional	SBLC	SAT
0255-03-IIB	Functional	Core Spray	SAT
0255-04-IIB-3	Functional	RHR-SDC	SAT
0255-05-IIB-1	Functional	RHRSW	SAT
0255-05-IIB-2	Functional	RHRSW	SAT
0255-11-IIB-1	Functional	EDG-ESW	SAT
0255-11-IIB-2	Functional	EDG-ESW	SAT
0255-11-IIB-3	Functional	EFT-ESW	SAT
0255-11-IIB-4	Functional	EFT-ESW	SAT
0255-12-IIB-1	Functional	Feedwater	SAT
0255-12-IIB-2	Functional	Feedwater	SAT
0255-16-IIB-1	Functional	DW Sump	SAT
0255-16-IIB-2	Functional	DW Sump	SAT
0255-20-IIC-1	Leakage	RPV	SAT
0255-21-IIB-1	Functional	CGCS	SAT
0255-21-IIB-2	Functional	CGCS	SAT
0255-21-IIB-3	Functional	CGCS	SAT
0255-21-IIB-4	Functional	CGCS	SAT

APPENDIX E

REACTOR VESSEL IVVI INSPECTIONS

5 Pages

Introduction

During the refueling outage in April of 1996, Westinghouse BWR Services' Nondestructive Examination crew (NDE) mobilized to perform the In Vessel Visual Inspection (IVVI) at the Monticello plant for Northern States Power. This section describes the procedures and techniques utilized, examination personnel, and the results of the examinations.

Examination Procedures

The following Northern States Power procedures were used for the examinations;

ISI-VT-4.0, Rev. 3 Visual Examination of Monticello Reactor Vessel Interior

ISI-VT-4.1, Rev. 1 Visual Examination of Monticello Reactor Vessel Shroud

Examination Personnel

The following list identifies the certification levels of the Westinghouse Visual examination personnel who performed the IVVI;

Jacob C. Bendel	Level II
Roderick M. Brown	Level II
Lorri L. Clawson	Level II
Barry C. Jones	Level II
Larry C. Reaves	Level III

Examination Equipment

ETV-1250 Camera Systems
High Resolution Monitors
SVHS Video Recorders
Character Generator
Audio Dubbing Microphone
Twin 50 Camera Lighting
Westinghouse VIEWS System

Monticello IVVI Scope

Item #1 Guide Rod Brackets

2 ea. North Bracket @ 175 and South Bracket @ 355

- bracket to vessel wall weld
- upper guide rod bracket
- plug weld
- lower plug and attachment to shroud

Item #2 Jet Pump Set Screws

1 - 20 Numbered from Vessel "0" (South)

- beam bolt keeper and tack welds
- lock plate, flat head screws and tack welds
- hold down beam
- beam bolt retainer
- ram head and inlet suction area
- riser braces and attachment welds to vessel
- riser brace to riser weld
- wedge assembly
- restrainer bracket, set screws and tack welds (GE SIL 574)
- slip joint
- diffuser to adapter weld
- diffuser weld to shroud plate

Item #3 Jet Pump Assemblies

All lines

- sensing line attachment welds to brackets
- bracket weld to diffuser

Item #4 Jet Pump Sensing Lines

- tee junction boxes at 90 and 270 degrees
- clamp assembly on tee junction boxes (repair)
- core spray header piping welds
- elbow welds
- header piping brackets to vessel wall welds
- bolt head tack welds
- general condition of brackets

Item #5 Core Spray Piping and Spargers

- sparger piping
- upper tack welds and nozzles
- lower tack welds and nozzles
- mounting brackets and end brackets
- shroud penetrations

Item #6 Feedwater Sparger

- condition of Feedwater Spargers
- sparger welds
- nozzle welds
- end bracket pins and tack welds
- end bracket welds
- bracket to vessel weld
- condition of bracket
- condition of accessible nozzle inner radius areas
- condition of accessible nozzle bore areas

Item #7 Surveillance Sample Holders

3 ea. -- SW / NW / SE

- upper mounting bracket and weld
- lower mounting bracket and weld
- condition of sample holder

Item #8 Shroud Shelf and Manways

- shroud support to shroud weld
- shroud shelf to shroud support weld
- shroud shelf to vessel weld
- access hole cover plate welds at 0 and 180 degrees
- core plate support ring at 65, 185 and 305 degrees

Item #9 Top Guide

- beams (GE SIL 059)
- ring bolts
- hold down latches (latched or unlatched position)
- guide blocks and aligner pins (GE SIL 588 Rev. 1)

Item #10 Steam Dryer Support Brackets

All 4 - NW / SE / SW / NW

- bracket to vessel wall welds
- condition of dryer seating surface

Item #11 Steam Dryer Hold Down Brackets

- condition of dryer hold down brackets
- condition of the seating surface
- attachment weld to the RPV head

Item #12 Steam Dryer Jacking Bolts

- condition of dryer jacking bolts
- condition of the contact surface

Summary of Areas Examined and Results

Item #1 Guide Rod Brackets

The North (175 degree) and South (355 Degree) Brackets were examined. No Reportable Indications were observed.

Item #2 Jet Pump Set Screws

To support evaluation, a separate examination of Set Screw tack welds was performed.

On those Set Screws that had been weld repaired, only the repair weld was examined for cracks. No Reportable Indications were observed.

On the Set Screws which were not repaired, Original tack welds were examined. In addition to confirming the cracking observed during the 1994 examination, additional crack like indications were observed on the Vessel Side of Set Screws on Jet Pumps 4, 10 and 12. See Reports M96-RPV-012 and 027 for additional information.

Item #3 Jet Pump Assemblies

All 20 Jet Pump Assemblies were examined. Debris was noted around the diffuser on the Shroud Shelf of each Pump.

On Jet Pump #8 a Reportable Indication was observed on the lower arm of the upper riser brace. This indication was compared to the data from the 1994 examination and did not appear to have changed.

On Jet Pump #15 it was noted that the lifting handle on the wedge assembly was bent down. The 1994 data was reviewed and no apparent change was observed.

On Jet Pump 1-7, 9-14, 16-20 No Reportable Indications were observed.

Item #4 Jet Pump Sensing Lines

All accessible Jet Pump Sensing Lines were examined. No Reportable Indications were observed.

Core Spray Piping and Spargers were examined. The examination around the Tee Box was limited to the repair clamp. No Reportable Indications were observed.

Item #6 Feedwater Sparger

The feedwater Sparger was examined. No Reportable Indications were observed.

Item #7 Surveillance Sample Holders

Three holder locations (SW, NW & SE) were examined. It was noted that the SW holder had been removed and only the bracket was examined. No Reportable Indications were observed.

Item #8 Shroud Shelf and Manways

The Shroud Support to Shroud Shelf weld (H-8), Shroud Support to Vessel (H-9) and Access Hole Cover welds were examined in the accessible areas at "0" and "180" degrees. No Reportable Indications were observed.

Item #9 Top Guide

The accessible areas of the Top Guide Beams, Ring Bolts, Hold Down Latches, as well as the Guide Blocks and Aligner Pins were examined. No Reportable Indications were observed.

Item #10 Steam Dryer Support Brackets

The Steam Dryer Support Bracket to Vessel welds and the condition of the Dryer Seating Surface were examined. No Reportable Indications were observed.

Item #11 Steam Dryer Hold Down Brackets

The Steam Dryer Hold Down Brackets as well as the Clad areas around the N6A, N6B and N7 nozzles were examined utilizing direct VT from under the RPV Head. No Reportable Indications were observed.

Item #12 Steam Dryer Jacking Bolts

The Steam Dryer Jacking Bolts were examined. No Reportable Indications were observed.

APPENDIX F

LIST OF SNUBBER INSERVICE TESTING

2 Pages

The following is a listing of the snubber inservice testing performed during the 1996 Refuel and Maintenance Outage by Monticello plant personnel:

<u>Previous Location</u>	<u>Current Location</u>	<u>Size (Kips)</u>	<u>Snubber Serial #</u>	<u>Functional Test Date</u>	<u>Test Results</u>
SS-1BR	SS-1BR	30	522	30-APR-96	PASSED
SS-6BR	SS-6BR	20	466	30-APR-96	PASSED
SS-20	SS-20	10	514	29-APR-96	PASSED
SS-11	SS-11	10	506	29-APR-96	PASSED
SS-3AR	SS-3AR	30	519	29-APR-96	PASSED
SS-1AR	SS-1AR	30	520	29-APR-96	PASSED
SS-2AR	SS-2AR	30	052	29-APR-96	PASSED
SS-5BR	SS-5BR	30	137	29-APR-96	PASSED
SS-2BR	SPARE	30	101	29-APR-96	PASSED
SS-25	SS-25	10	155	29-APR-96	PASSED
SS-8AR	SS-8AR	20	473	28-APR-96	PASSED
SS-8BR	SS-8BR	20	465	28-APR-96	PASSED
SS-18B	SS-18B	10	003	28-APR-96	PASSED
SS-313-2	SPARE	130	175	27-APR-96	PASSED
SS-313-1	SPARE	130	400	27-APR-96	PASSED
SS-4	SPARE	30	468	27-APR-96	PASSED
SS-7	SPARE	10	512	26-APR-96	PASSED
RV-25-N2	RV-25-N2	20	110	26-APR-96	PASSED
RV-25-NS1B	RV-25-NS1B	20	084	25-APR-96	PASSED
RV-25-NS1A	RV-25-NS1A	20	114	25-APR-96	PASSED
SS-707	SPARE	3	02A	24-APR-96	PASSED
RV-27A-N1	RV-27A-N1	20	116	23-APR-96	PASSED
SS-7A	SPARE	30	470	23-APR-96	PASSED
SS-2	SS-2	30	021	20-APR-96	PASSED
SS-8	SS-8	30	141	20-APR-96	PASSED
SS-3	SPARE	10	095	20-APR-96	PASSED
SS-14	SS-14	10	510	19-APR-96	PASSED
SS-6AR	SS-6AR	20	464	19-APR-96	PASSED
SS-13	SS-13	10	509	19-APR-96	PASSED
RV-25-H1A	SPARE	10	001	19-APR-96	FAILED *
RV-26A-H2A	SPARE	10	047	19-APR-96	PASSED
RV-27-H5	SPARE	10	54.1	19-APR-96	PASSED
RV-25-H2	SPARE	10	028	19-APR-96	PASSED
PS-151	SPARE	20	307	19-APR-96	PASSED
SS-12	SS-12	10	508	16-APR-96	PASSED
PS-154	SPARE	20	151	13-APR-96	PASSED
CRD-H244	CRD-H244	3	403	13-APR-96	PASSED
SS-9A	SPARE	10	037	13-APR-96	PASSED
SHP-101-SS1	SPARE	10	040	13-APR-96	PASSED
SS-9B	SPARE	10	500	13-APR-96	PASSED
CRD-H211	CRD-H211	3	451	13-APR-96	PASSED
SPARE	SS-313-2	130	174	27-DEC-95	PASSED

**Northern States Power
Inservice Inspection**

**Summary Report
Monticello - 1996**

SPARE	SS-313-1	130	401	27-DEC-95	PASSED
<u>Previous Location</u>	<u>Current Location</u>	<u>Size (Kips)</u>	<u>Snubber Serial #</u>	<u>Functional Test Date</u>	<u>Test Results</u>
SPARE	SS-9B	10	012	14-DEC-95	PASSED
SPARE	SS-3	10	044	14-DEC-95	PASSED
SPARE	RV-25-H1A	10	039	14-DEC-95	PASSED
SPARE	RV-26A-H2A	10	032	14-DEC-95	PASSED
SPARE	SHP-101-SS1	10	027	14-DEC-95	PASSED
SPARE	SS-7	10	157	14-DEC-95	PASSED
SPARE	RV-25-H2	10	043	14-DEC-95	PASSED
SPARE	SS-9A	10	025	14-DEC-95	PASSED
SPARE	SS-7A	30	048	11-DEC-95	PASSED
SPARE	SS-4	30	050	11-DEC-95	PASSED
SPARE	PS-154	20	130	11-DEC-95	PASSED
SPARE	RV-27-H5	10	533	24-AUG-94	PASSED
SPARE	PS-151	20	119	22-AUG-94	PASSED
SPARE	SS-2BR	30	146	22-AUG-94	PASSED
SPARE	SS-707	3	3A	19-AUG-94	PASSED

* SEE CONDITION REPORT # 9601013