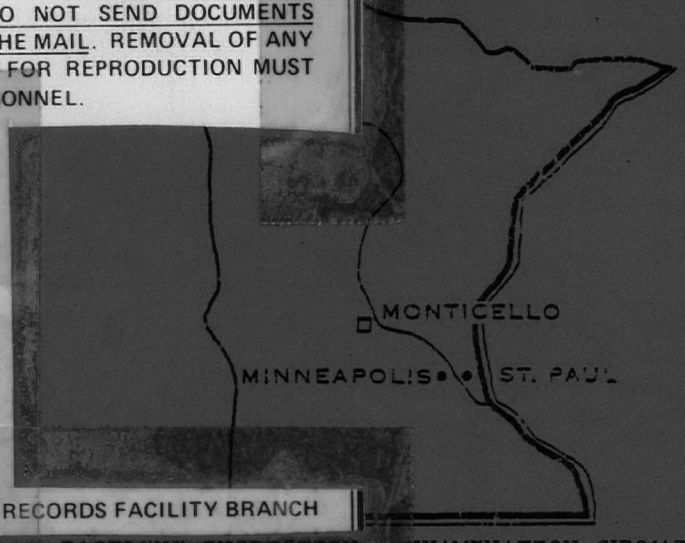
MONTICELLO NUCLEAR GENERATING PLANT

Monticello, Minnesota

UNIT 1



BASELINE INSPECTION - EXAMINATION SUMMARY

RECIRCULATION PIPING REPLACEMENT PROJECT

MONTICELLO NUCLEAR GENERATING PLANT - UNIT 1

FEBRUARY 10, 1984 TO JANUARY 12, 1985

REFUELING OUTAGE NO. 10

INSPECTION PERIOD 1

INTERVAL 2

NORTHERN STATES POWER COMPANY

COMMERICAL SERVICE DATE:
JUNE 30, 1971

MINNEAPOLIS, MINNESOTA

REPORT DATE:
OCTOBER 10, 1985

NORTHERN STATES POWER COMPANY

MONTICELLO NUCLEAR GENERATION PLANT - UNIT 1

BASELINE INSPECTION - EXAMINATION SUMMARY

MONTICELLO NUCLEAR GENERATING PLANT - UNIT 1

FEBRUARY 10, 1984 TO JANUARY 12, 1985

RECIRCULATION PIPING REPLACEMENT PROJECT

REFUELING OUTAGE NO. 10

INSPECTION PERIOD 1

INTERVAL 2

Report Date:
October 10, 1985

Prepared by: J. Schanen

Reviewed by: _____
L. C. Dahlman,
Materials & Special
Processes Specialist

Commerical Service Date:
June 30, 1971

Approved by: _____
G. T. Krause
Superintendent
Materials & Special Processes

BASELINE INSPECTION - EXAMINATION SUMMARY
MONTICELLO NUCLEAR GENERATING PLANT - UNIT 1
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BASELINE INSPECTION-EXAMINATION SUMMARY
MONTICELLO NUCLEAR GENERATING PLANT - UNIT I
FEBRUARY 10, 1984 TO JANUARY 12, 1985

1.0 INTRODUCTION

This report is a summary of the Monticello Nuclear Generating Plants' baseline examinations performed in conjunction with the Recirculation Piping Replacement Project. The piping replacement and subsequent baseline examinations were performed during the 10th refueling outage from February 10, 1984 to January 12, 1985. The Monticello Nuclear Generating Plant began commercial operation on June 30, 1971.

The examinations were performed on pressure-retaining components and their supports of the reactor coolant and associated auxiliary systems classified as ASME Class I.

2.0 INSPECTION SUMMARY

Baseline examinations revealed surface irregularities as identified by Magnetic Particle and/or Dye Penetrant examination methods. Visual examinations revealed discrepancies on component supports. All anomolies were corrected before startup of the unit. See section 3.8 of this report for the individual listing of anomolies and corrective actions taken.

3.0 DISCUSSION OF EXAMINATION PLAN

3.1 Inspection Boundary

The examination plan focused on the replaced or modified portions of the pressure retaining components and their supports of the Recirculation, Residual Heat Removal, Reactor Water Clean-Up, Jet Pump Instrumentation, and Standby Liquid Control Systems classified as ASME Class I.

The examination plan was based on the examination requirements of the ASME Boiler and Pressure Vessel Code Section XI, 1977 Edition through and including the Summer 1978 addenda, and complied with Monticello's Technical Specification, Section TS4.15. The examination plan is in accordance with the program submitted to the United States Nuclear Regulatory Commission on March 27, 1981 titled, "ASME Code Section XI, Inservice Inspection and Testing Program".

3.2 Examination Procedures

A listing of the procedures used for the examinations is shown in Table III of Appendix C. The ultrasonic examination procedure for pipe welds complied with the requirements of Appendix III of ASME Section XI that was issued in the Summer, 1978 Addenda. All other examination procedures complied with the requirements of the 1977 Edition including the Summer 1978 Addenda of ASME Section XI.

3.3 Examination Methods

Ultrasonic examination methods and techniques were used to perform volumetric examinations. The ultrasonic test system consisted of an ultrasonic digital analog tester and a two channel strip chart recorder. One channel of the recorder was calibrated to record the ultrasonic screen height (amplitude) of the reflector and the second channel was calibrated to record the metal path (sweep) to the reflector. This technique provides a permanent record of the examination for future reference.

Liquid penetrant and magnetic particle examination methods were used to perform the surface examinations. The liquid penetrant examinations were performed using color-contrast-solvent removable materials. Magnetic particle examinations were performed using a yoke and dry powder.

All visual examinations were aided, when necessary, with artificial lighting and verified for adequacy with an 18% neutral gray card with a 1/32 inch black line. Cold hangar load settings were visually verified (when applicable) and recorded on the report along with the piping system temperature.

3.4 Equipment and Materials

All equipment and expendable materials used in the examinations are listed by either serial number or type along with their respective calibration date or batch number in Table IV or Appendix C.

The ultrasonic calibration standards used in the examinations are listed in Table II of Appendix C. These standards are owned and maintained by NSP at the plant site.

3.5 Personnel

Northern States Power Company contracted Lambert, MacGill, Thomas,Inc. to perform the baseline examinations. Hartford Steam Boiler Inspection and Insurance Company, provided the Authorized Nuclear Inspection.

All ultrasonic Level II examiners performing examinations in accordance with NSP-UT-16 Rev. 0 and 1 on stainless piping were EPRI qualified in the detection of IGSCC. Level I examiners were required to demonstrate scanning and detection proficiency on site. Qualification records for examination personnel are maintained on file by Northern States Power Company.

3.6 Evaluation

Any indications found during the examinations were evaluated by the examiner at the time of the examination, in accordance with the procedure and ASME Section XI.

The ultrasonic examiner was aided in his evaluation by a calibration performed on a standard reference before each day's examination and checked before and after each individual examination and at intervals not exceeding 4 hours. In addition, the ultrasonic data was recorded on strip charts, which were made part of the inspection report and permitted further evaluation.

3.7 Examination Reports and Documentation

All examination reports and documentations are maintained on file by Northern States Power Company. Table I of Appendix A lists the results of these baseline examinations. The personnel, ultrasonic calibration blocks, procedures, equipment and materials used for the examinations are identified in the tables of Appendix C. Appendix D contains the Form NIS-1, titled "Owners' Data Report for Inservice Inspections".

3.8 Summary of Results

The following is a list of all anomalies detected:

System	Item ID	Exam Method	Type & No. of Indications
Recirc."A"	RCAJR-4A to RCAJR-5	PT	1 - 1/4" Linear
	RCAJR-7 to RCAJR-8	PT	1 - 1/8" slug of metal on weld
	RCAJR-15 to RCAJR-16 (I.R.)	PT	1 - linear
	RCAJR-15 to RCAJR-16 (O.R.)	PT	5 - linears
	RCAJR-17	PT	ARC strike,multiple linears
	RCAJR-24 to RCAJR-25	PT	1 - linear
	RRKJR-5	PT	1 linear, 4 rounded
	RRKJR-7	PT	1 linear, 4 rounded
	RCAKR-12A VT	VT	loose nut
	RCAKR-21	PT	1 linear
	RCAKR-33A(W-8)	PT	1 linear
	RCAKR-33A(W-9)	PT	Multiple linears
	RCAKR-33A	VT	loose nut
	RHAR-4	VT	loose nut
	RCAKR-29	VT	loose nut
	RRHK-6	VT	loose nuts
Recirc"B"	RCBJR-3 to RCBJR-4	PT	2 linears
	RCBJR-4	PT	2 linears
	RCBJR-7 to RCBJR-8	PT	1 linear
	RCBJR-8 to RCBJR-9	PT	2 linears
	RCBJR-10	PT	intermittent linear
	RCBJR-13	PT	3 linears
	RCBJR-14	PT	1 linear

	RCBJR-15 to RCBJR-18	PT	1 linear
	RCBJR-20	PT	1 linear
	RCBJR-21 to RCBJR-22	PT	crater crack
	RRDJR-4 to RRDJR-5	PT	1 linear
	RCBKR-10A(W-1)	PT	2 linears
	RCBKR-10A(W-2)	PT	2 linears
	RCBKR-10A(W-4)	PT	multiple linears
	RCBKR-10A	VT	loose nuts
	RCBKR-32A(W-8)	PT	4 rounded, 1 linear
	RCBKR-32A(W-9)	PT	1 linear
	RCBKR-32A(W-10)	PT	multiple linears
	RCBKR-27	VT	loose nut
	RRAK-6	VT	loose nuts
RHR	POS 2018	VT	loose nuts
	RHAJR-3	PT	3 linears
	RHBJR-7	MT	4 linears
	RHAKR-8	VT	no weep hole
	RHBKR-12	VT	not attached to wall
	RHBKR-18	VT	no weep hole
	RHCKR-9	VT	not attached to wall
	RHCKR-17A	VT	no weep hole
	RHCKR-24	VT	no weep hole

All anomalies were corrected. Loose nuts and bolts were tightened. PT and MT linear and rounded indications were removed by surface blending with a hand grinder. On component supports, weep holes were installed and supports attached to walls.

NOTES

I. Identification of Welds

A. Circumferential Welds

1. These welds are designated by a 4 or 5 letter prefix and a number following the letters. EX. RCAJR-5.

B. Longitudinal Welds

1. These welds are identified by assigning them the circumferential weld number that is on either side of the weld. EX. 1. RCAJR-4 to RCAJR-5

II. Abbreviations used in this report

A. Nomenclature

1. INT. - Intermittent
2. I.R. - Inner Radius
3. O.R. - Outer Radius
4. GEO. - Geometry
5. I.D. - Inside Diameter
6. O.D. - Outside Diameter
7. Long. - Longitudinal
8. AMP - Amplitude

APPENDIX A

ASME CLASS 1 EXAMINATIONS

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
REACTOR VESSEL						
B5.10 NOZZLE TO SAFE END WELDS						
STANDBY LIQUID CONTROL N10	17	PT	CPAFR-2	84-1170BL	NONE	NONE
		UT	CPAFR-2	84-1295BL	NONE	L-WAVE EXAM
		UT	CPAFR-2	84-1345BL	S-1,ID GEO, 90% 360°INT. S-2,ID GEO, 65% 360°INT.	NONE
RECIRC OUTLET N1A	13A	PT	RCAFR-2	84-1007BL	NONE	NONE
		UT	RCAFR-2	84-1034BL	NONE	L-WAVE EXAM
		UT	RCAFR-2	84-1344BL	S-1,ID GEO,20% INT.360° S-2,Spot,12%30.5"to31.75" ID OD GEO.<20% INT.360° S-3 ID CLAD ROLL < 20% NOZZLE SIDE S-4,ID,CLAD ROLL < 20% 360° INT. S-2S,ID,ROLL < 20% 360°INT. S-3S,ID,OD Roll < 20% 360° INT. S-4S,ID,OD ROLL < 20% 360° INT.	NONE
RECIRC OUTLET N1B	13B	PT	RCBFR-2	84-1027BL	NONE	NONE
		UT	RCBFR-2	84-1035BL	NONE	L-WAVE EXAM
		UT	RCBFR-2	84-1456BL	S-1,ID CLAD ROLL < 20% 360° INT. S-2,ID OD GEO. < 20% 360° INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRC INLET N2A	13D	PT UT UT	RRAFR-2 RRAFR-2 RRAFR-2	84-1028BL 84-1044BL 84-1392BL	NONE NONE S-1,ID OD GEO.<20% 360°INT. S-2,ID GEO.<20% 360° INT. S-3,ID GEO. <20% 360°INT. NOZZLE SIDE ONLY S-4,ID GEO.<20% 360° INT. NOZZLE SIDE ONLY S-2S,ID GEO.<20% 360° INT. S-3S,ID GEO.<20% 360° INT. NOZZLE SIDE ONLY	NONE L-WAVE EXAM NONE
N2D	13D	PT UT UT	RRDFR-2 RRDFR-2 RRDFR-2	84-1211BL 84-1269BL 84-1389BL	NONE NONE S-1,ID GEO.35% 360°INT. OD GEO.<20% 360° INT. S-2,ID GEO.25% 360° INT. S-3,ID GEO.<20% 360° INT. CLAD SIDE ONLY S-4, ID GEO.<20%, 360°INT. CLAD SIDE ONLY S-3S,ID GEO.< 20% 360° INT. S-4S,ID GEO.<20% 360° INT.	NONE L-WAVE EXAM NONE CLAD ON NOZZLE SIDE ONLY
N2J	13C	PT UT UT	RRJFR-2 RRJFR-2 RRJFR-2	84-1129BL 84-1142BL 84-1395BL	NONE NONE S-1,ID GEO.<20% 360° INT. OD GEO.25% 360° INT. S-2,ID GEO.<20% 360° INT. S-3,ID GEO.<20% 360° INT. S-4,ID OD GEO.<20% 360° INT. S-3S,ID GEO.<20% 360° INT. S-4S,ID GEO.<20% 360° INT.	NONE L-WAVE EXAM NONE

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MONTICELLO NUCLEAR GENERATING PLANT
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COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
N2H	13C	PT	RRHFR-2	84-1068BL	NONE	NONE
		UT	RRHFR-2	84-1089BL	NONE	L-WAVE EXAM
		UT	RRHFR-2	84-1412BL	S-1,ID GEO.30% 360° INT. OD GEO.<20% 360° INT. S-2,ID GEO. 25% 360° INT. S-3,ID GEO. < 20% 360° INT. S-4,ID GEO. < 20% 360° INT. S-3S,ID GEO. < 20% 360° INT. S-4S,ID GEO. < 20% 360° INT.	NONE
N2E	13D	PT	RREFR-2	84-1130BL	NONE	NONE
		UT	RREFR-2	84-1140BL	NONE	L-WAVE EXAM
		UT	RREFR-2	84-1388BL	S-1,ID OD GEO.<20% 360°INT S-2,ID GEO.30% 360° INT. S-3,ID GEO.<20% 360° INT. S-4 ID GEO.<20% 360° INT. S-3S,ID GEO. 360° INT. S-4S,ID GEO. 360° INT.	NONE
N2G	13C	PT	RRGFR-2	84-1049BL	NONE	NONE
		UT	RRGFR-2	84-1061BL	NONE	L-WAVE EXAM
		UT	RRGFR-2	84-1413BL	S-1,ID GEO. 25% 360° INT. OD GEO.< 20% 360° INT. S-2,ID GEO. 30% 360° INT. S-3,ID GEO.< 20% 360°INT. S-4,OD GEO. < 20% 360° INT. S-3S,ID GEO. < 20% 360°INT. S-4S,ID OD GEO.<20% 360°INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
N2B	13D	PT UT UT	RRBFR-2 RRBFR-2 RRBFR-2	84-1033BL 84-1045BL 84-1391BL	NONE NONE S-1,ID GEO.20-25% 360°INT. OD GEO.<20% 360° INT. S-2,ID GEO.<20% 360° INT. S-3,ID GEO.<20% 360° INT. S-4,ID GEO.<20% 360° INT. S-3S, ID GEO.<20% 360° INT. S-4S,ID GEO.<20% 360°INT.	NONE L-WAVE EXAM NONE
N2F	13C	PT UT UT	RRFFR-2 RRFFR-2 RRFFR-2	84-1054BL 84-1060BL 84-1414BL	NONE NONE S-1,ID OD GEO.<20% 360°INT. S-2,ID GEO.<20% 360° INT. S-3,ID GEO.<20% 360° INT. S-4,ID GEO.<20% 360° INT. S-3S,ID GEO.<20% 360° INT. S-4S,ID GEO.<20% 360° INT.	NONE L-WAVE EXAM NONE
N2C	13D	PT UT UT	RRCFR-2 RRCFR-2 RRCFR-2	84-1038BL 84-1046BL 84-1390BL	NONE NONE S-1,ID GEO. 25 to 30% 360° INT. OD GEO. <20% 360° INT. S-2,ID GEO. <20% 360° INT. S-3,ID GEO. <20% 360°INT. S-4,ID GEO. <20% 360°INT. S-3S,ID GEO. <20% 360°INT.	NONE L-WAVE EXAM NONE

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MONTICELLO NUCLEAR GENERATING PLANT
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COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
N2K	13C	PT	RRKFR-2	84-1135BL	NONE	NONE
		UT	RRKFR-2	84-1141BL	NONE	L-WAVE EXAM
		UT	RRKFR-2	84-1396BL	S-1,ID OD GEO. 20-25% 360° INT. S-2,ID GEO. < 20% 360°INT. S-3,ID GEO. < 20% 360°INT. S-4,ID GEO. < 20% 360°INT. S-3S,ID GEO.<20% 360°INT. S-4S,ID GEO.<20% 360°INT.	NONE
JET PUMP INST. N8A	16	PT	JPAFR-2	84-1151BL	NONE	NONE
		UT	JPAFR-2	84-1294BL	NONE	L-WAVE EXAM
		UT	JPAFR-2	84-1333BL	S-1,ID GEO.Inst.Lines, 55-185%,360°INT. S-2,ID CLAD ROLL 35% 360° INT. S-3,ID ROLL < 20% S-4,ID ROLL < 20% S-4S,ID ROLL < 20%	NONE
N8B	16	PT	JPBFR-2	84-1152BL	NONE	NONE
		UT	JPBFR-2	84-1293BL	NONE	L-WAVE EXAM
		UT	JPBFR-2	84-1332BL	S-1,ID GEO.INST.LINES 20-35% 360° INT. S-2,ID CLAD ROLL 20-25% 360° INT. S-4,ID ROLL < 20% S-4S,ID ROLL < 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B5.50 SAFE END WELDS						
RHR REW 10	11A	PT	RHAFR-4	84-973BL	NONE	NONE
		UT	RHAFR-4	84-982BL	NONE	L-WAVE EXAM
		UT	RHAFR-4	84-1335BL	S-1,ID,OD,GEO.<20% 360°IN S-2,ID,OD,GEO.<20% 360°INT S-4,OD,GEO.L.S. 12:00 45% S-1S,ID,OD,GEO.<20% 360°IN S-2S,ID,OD,GEO.<20% 360°IN S-3S,ID,OD,GEO.<20% 360°IN S-4S,ID,GEO. 7:00 <20%	NONE
RHR TW20	11B	PT	RHBFR-6	84-1024BL	NONE	NONE
		UT	RHBFR-6	84-1025BL	NONE	L-WAVE EXAM
		UT	RHBFR-6	84-1337BL	S-1,ID,OD,GEO.<20% 360°INT S-2,ID,OD,GEO.<20% 360°INT S-3,ID,OD,GEO.<20% 360°INT S-4,ID,OD,GEO.<20% 360°INT S-3S,ID,OD,GEO.<20% 360°IN S-4S,ID,OD,GEO.<20% 360°IN	NONE
	11B	PT	RHBFR-23	84-991BL	NONE	NONE
		UT	RHBFR-23	84-992BL	NONE	L-WAVE EXAM
		UT	RHBFR-23	84-998BL	S-2,ID,OD,GEO.<20% 360°INT S-3,ID,OD ROLL < 20% S-4,ID ROLL < 20%	NO S-1,S-1S,S-2S DUE TO CONFIGURATION VALVE

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COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RHR TW20	11B	PT	RHBFR-24	84-1002BL	NONE	NONE
		UT	RHBFR-24	84-1004BL	NONE	L-WAVE EXAM
		UT	RHBFR-24	84-1006BL	S-1,ID,OD,GEO.<20% 360°INT.	NO S-2,S-3S,S-4S DUE TO CONFIGURATION-VALVE
RHR TW30	11C	PT	RHCFR-6	84-974BL	NONE	NONE
		UT	RHCFR-6	84-983BL	NONE	L-WAVE EXAM
		UT	RHCFR-6	84-1338BL	S-1,ID,OD,GEO.<20% 360°INT. S-2,ID,OD,GEO.<20% 360°INT. S-3,ID,OD,GEO.12:00 L.S. S-4,ID,OD,GEO.12:00 L.S. S-3S,ID,OD,GEO.<20% 360°INT. S-4S,ID,OD,GEO.<20% 360°INT.	NONE
		PT	RHCFR-23	84-1029BL	NONE	NONE
		UT	RHCFR-23	84-1040BL	NONE	L-WAVE EXAM
		UT	RHCFR-23	84-1041BL	S-2,ID,OD,GEO.<20% INT. S-3,ID,OD,GEO.<20% INT. S-4,ID,OD,GEO.<20% INT. S-3S,ID,OD,GEO.<20% INT. S-4S,ID,OD,GEO.<20% INT.	NO S-1,S-1S,S-2S DUE TO CONFIGURATION-VALVE
	11C	PT	RHCFR-24	84-960BL	NONE	NONE
		UT	RHCFR-24	84-1003BL	NONE	L-WAVE EXAM
		UT	RHCFR-24	84-1005BL	S-1,ID,OD,GEO.<20% INT. S-3,ID,OD,GEO.<20%	NO S-2,S-3S,S-4S DUE TO CONFIGURATION-VALVE
RWCU	9	PT	CWAFR-3R	84-1267BL	NONE	NONE
		UT	CWAFR-3R	84-1277BL	NONE	L-WAVE EXAM
		UT	CWAFR-3R	84-1341BL	S-1,ID,GEO.35% 360° INT. S-2,ID,GEO.30% 360° INT. S-3,ID,OD,GEO.<20% 360°INT. S-4,ID,OD,GEO.<20%	NONE

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COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B6.230 BOLTING						
RECIRC "A"	13A	VT-1	M02-53A	84-1469BL	NONE	NONE
RECIRC "A"		VT-1	M02-43A	84-1490BL	NONE	NONE
RECIRC "B"	13B	VT-1	M02-53B	84-1471BL	NONE	NONE
RECIRC "B"		VT-1	M02-43B	84-1470BL	NONE	NONE

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COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B7.70 VALVES BOLTS, STUDS, AND NUTS						
RHR TW20	11B	VT-1	POS-2019	84-1468BL	NONE	NONE
RHR TW30	11C	VT-1	POS-2018	84-1467BL	LOOSE NUTS	NONE
		VT-1	POS-2018	84-1467BLR	NONE-NUTS TIGHTENED	NONE

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COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 CIRCUMFERENTIAL AND LONGITUDINAL WELDS						
RWCU LINE	9	PT UT UT	CWAJR-2 CWAJR-2 CWAJR-2	84-1266BL 84-1276BL 84-1307BL	NONE NONE S-2,ID OD GEO.<20%,360°INT. S-4,ID OD GEO.<20%,360°INT.	NONE L-WAVE EXAM NO S-1,S-1S,AND S-3S DUE TO CONFIGURATION
	9	MT UT	CWAJR-4R CWAJR-4R	84-1291BL 84-1310BL	NONE NONE	NONE L-WAVE EXAM
	9	UT	CWAJR-4R	84-1313BL	S-1,ID GEO. 40% 360° INT. OD GEO. 50% 360° INT. S-2,ID GEO. 60% 360° INT.	S-1 LIMITED 10:00 TO 2:00, INNER RADIUS OF ELBOW
	9	MT UT UT	CWAJR-5R CWAJR-5R CWAJR-5R	84-1288BL 84-1309BL 84-1306BL	NONE NONE S-1,ID,GEO 55-60% 360°INT. S-2,ID,GEO 80-100% 360° INT.	NONE L-WAVE EXAM S-2 LIMITED 5:00 TO 7:00 INNER RADIUS OF ELBOW

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 9.12 (CONT.)						
RWCU	9	MT	CWAJR-6	84-1292BL	NONE	NONE
		UT	CWAJR-6	84-1285BL	NONE	L-WAVE EXAM
		UT	CWAJR-6	84-1305BL	S-1,ID GEO.75-80% 360°INT. S-2,ID GEO. 50% 360°INT.	S-1 LIMITED 5:00 TO 7:00 INNER RADIUS OF ELBOW
	9	MT	CWAJR-7	84-1278BL	NONE	NONE
		UT	CWAJR-7	84-1273BL	NONE	L-WAVE EXAM
		UT	CWAJR-7	84-1304BL	S-2,ID GEO.75-80% 360°INT.	S-2 LIMITED 10:00 TO 2:00 INNER RADIUS OF ELBOW
	9	MT	CWAJR-8	84-1279BL	NONE	NONE
		UT	CWAJR-8	84-1274BL	NONE	L-WAVE EXAM
		UT	CWAJR-8	84-1303BL	S-1,ID GEO.55-75% 360°INT.	NO. S-2, VALVE
	9	MT	CWAJR-9	84-1280BL	NONE	NONE
		UT	CWAJR-9	84-1275BL	NONE	L-WAVE EXAM
		UT	CWAJR-9	84-1302BL	S-1,ID GEO. 3:00 < 20% S-2,ID GEO.50-60% 360°INT.	NONE
	9	MT	CWAJR-10	84-1509BL	NONE	NONE
		UT	CWAJR-10	84-1518BL	NONE	L-WAVE EXAM
		UT	CWAJR-10	84-1571BL	S-1,ID GEO. 60% 360° INT. S-2,ID GEO. 40% 360° INT. S-3,OD GEO. 10:00 < 20%	STAMP ON OD AT 10:00

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	9	MT	CWAJR-11	84-1570BL	NONE	NONE
		UT	CWAJR-11	84-1519BL	NONE	L-WAVE EXAM
		UT	CWAJR-11	84-1572BL	S-1,ID GEO.60-70% 360°INT S-2,ID GEO.50-60% 360°INT.	LIMITED CONTACT ALL SCANS DUE TO TO INNER RADIUS
	9	MT	CWAJR-12	84-1510BL	NONE	NONE
		UT	CWAJR-12	84-1520BL	NONE	L-WAVE EXAM
		UT	CWAJR-12	84-1573BL	S-1,ID GEO.95% 360°INT. S-2,ID GEO.60-65% 360°INT.	LIMITED CONTACT FROM 11:00 to 1:00 INNER RADIUS OF ELBOW
	9	MT	CWAJR-13	84-1511BL	NONE	NONE
		UT	CWAJR-13	84-1521BL	NONE	L-WAVE EXAM
		UT	CWAJR-13	84-1574BL	S-1,ID GEO.35-50% 360°INT. S-2,ID GEO.55-90% 360°INT.	LIMITED CONTACT FROM 11:00 to 1:00 INNER RADIUS OF ELBOW
	9	MT	CWAJR-13A	84-1512BL	NONE	NONE
		UT	CWAJR-13A	84-1522BL	NONE	L-WAVE EXAM
		UT	CWAJR-13A	84-1575BL	S-1,ID GEO.45-65% 360°INT. S-2,ID GEO.70-75% 360°INT.	NONE
B9.11 & 9.12 (CONT)						
	9	MT	CWAJR-14	84-1513BL	NONE	NONE
		UT	CWAJR-14	84-1523BL	NONE	L-WAVE EXAM
		UT	CWAJR-14	84-1592BL	S-1,ID GEO.50% 360°INT. S-2,ID GEO.25-45% 360°INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	9	MT	CWAJR-15	84-1514BL	NONE	NONE
		UT	CWAJR-15	84-1524BL	NONE	L-WAVE EXAM
		UT	CWAJR-15	84-1591BL	S-1,ID GEO.50-95% 360°INT. S-2,ID GEO.60-80% 360°INT.	NONE
	9	MT	CWAJR-16	84-1582BL	NONE	NONE
		UT	CWAJR-16	84-1588BL	NONE	L-WAVE EXAM
		UT	CWAJR-16	84-1590BL	S-1,ID GEO.50% 360°INT.	NO S-2, DUE TO CONFIGURATION VALVE
	9	MT	CWAJR-17	84-1515BL	NONE	NONE
		UT	CWAJR-17	84-1525BL	NONE	L-WAVE EXAM
		UT	CWAJR-17	84-1589BL	S-2,ID GEO.45-50% 360°INT.	NO. S-1 DUE TO CONFIGURATION VALVE
	9	MT	CWAJR-18	84-1516BL	NONE	NONE
		UT	CWAJR-18	84-1526BL	NONE	L-WAVE EXAM
		UT	CWAJR-18	84-1576BL	S-1,ID GEO.70-95% 360°INT. S-2,ID GEO.60-75% 360°INT.	LIMITED SCANS FROM 11:00 to 1:00 DUE TO INNER RADIUS
	9	MT	CWAJR-19	84-1517BL	NONE	NONE
		UT	CWAJR-19	84-1527BL	NONE	L-WAVE EXAM
		UT	CWAJR-19	84-1577BL	S-1,ID GEO. 50% 360°INT. S-2,ID GEO. 50% 360°INT.	LIMITED SCANS FROM 11:00 TO 1:00 DUE TO INNER RADIUS

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RHR REW 10	11A	PT	RHAJR-1	84-994BL	NONE	NONE
		UT	RHAJR-1	84-980BL	NONE	L-WAVE EXAM NO S-1, S-1S S-2S DUE TO CONFIGURATION TEE
		UT	RHAJR-1	84-1334BL	S-2,ID OD GEO.<20% 360°INT. S-3,ID OD GEO.<20% 360°INT. S-4,ID GEO.12:00 35% LONG SEAM ID OD GEO.<20% 360°INT.	
		PT	RHAJR-1 TO RHAJR-2	84-054BL	NONE	NONE
		UT	RHAJR-1 TO RHAJR-2	84-258BL	S-5,ID OD GEO. 10-30% 0" to 24", INT. S-6,ID OD GEO. 15-25% 0" to 24", INT.	NONE
	11A	PT	RHAJR-2	84-053BL	NONE	NONE
	11A	UT	RHAJR-2	84-236BL	S-1,ID OD GEO. 10% 6:00 TO 12:00, INT. S-2,ID OD GEO. 10-30% 360° INT.	AREAS OF MISMATCH WAVY OD SURFACE
	11A	PT	RHAJR-2 TO RHJAR-3	84-055BL	NONE	NONE
		UT	RHAJR-2 TO RHJAR-3	84-257BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11A	PT	RHAJR-3	84-062BL	3 LINEARS	NONE
		PT	RHAJR-3	84-170BLR	NONE LINEARS REMOVED	NONE
		UT	RHAJR-3	84-237BL	S-1,ID OD GEO. 10-25% 360° INT. S-2, OD GEO. 12% 360°INT.	360° MISMATCH
	11A	PT	RHAJR-3 TO RHAFR-4	84-061BL	NONE	NONE
		UT	RHAJR-3 TO RHAFR-4	84-256BL	S-1,ID OD GEO.10-15% "0 to 24" INT. S-2,ID OD GEO.15-35% "0 to 24" INT.	NONE
	11A	MT	RHAJR-5	84-1216BL	NONE	NONE
		UT	RHAJR-5	84-1235BL	NONE	L-WAVE EXAM
		UT	RHAJR-5	84-1281BL	NONE	NO S-2,DUE TO CONFIGURATION VALVE
	11A	MT	RHAJR-6	84-1215BL	NONE	NONE
		UT	RHAJR-6	84-1234BL	NONE	L-WAVE EXAM
		UT	RHAJR-6	84-1282BL	S-2,ID OD GEO.<20% 360°INT.	NO S-1 DUE TO CONFIGURATION VALVE
	11A	MT	RHAJR-7	84-1214BL	NONE	NONE
		UT	RHAJR-7	84-1233BL	NONE	L-WAVE EXAM
		UT	RHAJR-7	84-1283BL	S-1,ID GEO.30% 360° INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11A	MT	RHAJR-11	84-946BL	NONE	NONE
		UT	RHAJR-11	84-944BL	NONE	L-WAVE EXAM
		UT	RHAJR-11	84-950BL	S-1,ID GEO.25% 1:00-3:00	NONE
	11A	MT	RHAJR-12	84-947BL	NONE	NONE
		UT	RHAJR-12	84-945BL	NONE	L-WAVE EXAM
		UT	RHAJR-12	84-951BL	S-1,ID GEO.40% 360°INT. S-2,ID GEO.25% 4:00-8:30	NONE
	11A	MT	RHAJR-16	84-1217BL	NONE	NONE
		UT	RHAJR-16	84-1232BL	NONE	L-WAVE EXAM
		UT	RHAJR-16	84-1284BL	S-1,OD GEO.10:30 < 20% S-2,ID OD GEO.<20% 360°INT	NONE
	11A	MT	RHAJR-9	84-1357BL	NONE	NONE
		UT	RHAJR-9	--------	----	NO S-1,S-2,S-3 S-4 DUE TO CONFIGURATION WELDED NECK & FLANGE FITTING.
	11A	MT	RHAJR-14	84-1351BL	NONE	NONE
		UT	RHAJR-14	--------	----	NO S-1,S-2,S-3, S-4 DUE TO CONFIGURATION WELDED NECK & FLANGE FITTING

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RHR TW20	11B	PT	RHBJR-1	84-1008BL	NONE	NONE
		UT	RHBJR-1	84-1010BL	NONE	L-WAVE EXAM
		UT	RHBJR-1	84-1339BL	S-1,ID OD GEO.<20% 360°INT. S-3,OD GEO.6:00 60% LONG.S. S-4,ID OD GEO.<20% 360°INT. OD GEO.6:00 30% LONG.S. S-1S,ID OD GEO.<20%360°INT. S-2S,ID OD GEO.<20%360°INT.	NO.S-2,S-3S & S-4S DUE TO CONFIGURATION TEE
	11B	PT	RHBJR-1 TO RHBJR-2	84-104BL	NONE	NONE
		UT	RHBJR-1 TO RHBJR-2	84-242BL	S-5,OD GEO. 15% 0" to 12" INT. S-6,OD GEO. 50% 0" to I2" INT.	NONE
	11B	PT	RHBJR-2	84-103BL	NONE	NONE
		UT	RHBJR-2	84-240BL	S-1,OD GEO.25% 360°INT. S-2,ID OD GEO.25-30% 360° INT.	S-2 LIMITED 9:00 TO 3:00 OD MISMATCH, TOE OF WELD BACK 1" DUE TO TAPER
	11B	PT	RHBJR-2 TO RHBJR-3	84-102BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)		UT	RHBJR-2 TO RHBJR-3	84-238BL	S-5,OD GEO. 10% 0" TO 42" INT. S-6,OD GEO. 30% 0" TO 42" INT.	NONE
	11B	PT UT	RHBJR-3 RHBJR-3	84-096BL 84-248BL	NONE S-1,ID OD GEO. 20-30% 360° INT. S-2,OD GEO. 10% 360°INT.	NONE MINOR MISMATCH
	11B	PT	RHBJR-3 TO RHBJR-4	84-090BL	NONE	NONE
		UT	RHBJR-3 TO RHBJR-4	84-239BL	S-5,ID GEO. 10% 0" TO 6" INT. S-6,OD GEO. 10% 1" TO 4" INT.	NONE
	11B	PT UT	RHBJR-4 RHBJR-4	84-094BL 84-249BL	NONE S-1,OD GEO. 20% 360°INT. S-2,ID OD GEO. 15-20% 360° INT.	NONE NONE
	11B	PT	RHBJR-4 TO RHBJR-5	84-101BL	NONE	PUNCH MARK ON WELD
		UT	RHBJR-4 TO RHBJR-5	84-243BL	S-5,ID GEO. 10% 0" TO 15" INT. S-6,ID GEO. 10% 0" TO 15" INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11B	PT	RHBJR-5	84-095BL	NONE	NONE
		UT	RHBJR-5	84-247BL	S-1,ID OD GEO.20% 360°INT. S-2,OD GEO.10% 360° INT.	NONE
	11B	PT	RHBJR-5 TO RHBFR-6	84-089BL	NONE	NONE
		UT	RHBJR-5 TO RHBFR-6	84-244BL	S-5,OD GEO. 15% 0" TO 6" INT. S-6,ID OD GEO.10-12% 0" TO 6" INT.	NONE
	11B	MT	RHBJR-7	84-964BL	FOUR LINEARS	NONE
		MT	RHBJR-7	84-964BLR	NONE LINEARS REMOVED	NONE
		UT	RHBJR-7	84-968BL	NONE	NO S-1 DUE TO CONFIGURATION VALVE
	11B	MT	RHBJR-8	84-1132BL	NONE	NONE
		UT	RHBJR-8	84-1153BL	NONE	L-WAVE EXAM
		UT	RHBJR-8	84-1154BL	NONE	NO S-2 DUE TO CONFIGURATION VALVE
	11B	MT	RHBJR-12	84-917BL	NONE	NONE
		UT	RHBJR-12	84-930BL	S-1,ID OD GEO.17% 360°INT. S-2,ID OD GEO.25% to 30% 360° INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11B	MT	RHBJR-13	84-928BL	NONE	NONE
		UT	RHBJR-13	84-929BL	S-1,ID OD GEO.25% TO 50% 360° INT. S-2,ID OD GEO.20% 360°INT.	NONE
	11B	MT	RHBJR-14	84-1221BL	NONE	NONE
		UT	RHBJR-14	84-1253BL	NONE	L-WAVE EXAM
		UT	RHBJR-14	84-1255BL	S-1,ID OD GEO. < 20% INT. MAX AMP 40-50% S-2,ID OD GEO. < 20% INT. MAX AMP 50-80% S-4 SPOT, 30-50% 10:00 TO 10:30 ON CL	NONE
	11B	MT	RHBJR-14A	84-1125BL	NONE	NONE
		UT	RHBJR-14A	84-1126BL	NONE	L-WAVE EXAM
		UT	RHBJR-14A	84-1127BL	S-1, ID OD GEO. <20%	NONE
	11B	MT	RHBJR-15	84-1219BL	NONE	NONE
		UT	RHBJR-15	84-1254BL	NONE	L-WAVE EXAM
		UT	RHBJR-15	84-1256BL	S-2,ID OD GEO. 60%-75% INT.	MOST OD SIGNALS ARE COUPLANT NOISE
	11B	MT	RHBJR-16	84-922BL	NONE	NONE
		UT	RHBJR-16	84-924BL	NONE	L-WAVE EXAM
		UT	RHBJR-16	84-926BL	S-1,ID GEO. 40%-85% 360° INT. S-2, ID OD GEO. < 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11B	MT	RHBJR-17	84-1037BL	NONE	NONE
		UT	RHBJR-17	84-1042BL	NONE	L-WAVE EXAM
		UT	RHBJR-17	84-1043BL	S-1,ID OD GEO. 20% INT. MAX AMP. 90%-95% S-2,ID GEO. 50%-60% INT.	S-2 LIMITED DUE TO INNER RADIUS
	11B	MT	RHBJR-18	84-923BL	NONE	NONE
		UT	RHBJR-18	84-925BL	NONE	L-WAVE EXAM
		UT	RHBJR-18	84-927BL	S-1,ID GEO. 50%-90% 360° INT. S-2,ID GEO. 65% 360° INT.	COUNTER BORE
	11B	MT	RHBJR-19	84-1193BL	NONE	NONE
		UT	RHBJR-19	84-1257BL	NONE	L-WAVE EXAM
		UT	RHBJR-19	84-1263BL	S-2,ID OD GEO.< 20% INT. MAX AMP. 20%-50%	NONE
	11B	MT	RHBJR-25	84-1222BL	NONE	NONE
		UT	RHBJR-25	84-1265BL	NONE	L-WAVE EXAM
		UT	RHBJR-25	84-1262BL	S-1,ID OD GEO.80%-105% INT S-2,ID OD GEO. 55%-65%	REDIRECTED BEAM FROM ID
	11B	MT	RHBJR-10	84-1353BL	NONE	NONE
		UT	RHBJR-10	--------	----	NO S-1,S-2,S-3, & S-4,WELDED NECK & FLANGE FITTING

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11B	MT	RHBJR-21	84-1355BL	NONE	NONE
		UT	RHBJR-21	--------	----	NO S-1,S-2,S-3, & S-4,WELDED NECK & FLANGE FITTING
RHR TW30	11C	PT	RHCJR-1	84-1009BL	NONE	NONE
		UT	RHCJR-1	84-1011BL	NONE	L-WAVE EXAM
		UT	RHCJR-1	84-1336BL	S-1,ID OD GEO.<20% 360°INT. S-2,ID GEO. < 20% S-2,OD GEO. 40% LONG.SEAM S-1S,ID OD GEO<20% 360°INT. S-2S,ID OD GEO<20% 360°INT.	NO S-2,S-3S & S-4S DUE TO CONFIGURATION TEE
	11C	PT	RHCJR-1 TO RHCJR-2	84-082BL	NONE	NONE
		UT	RHCJR-1 TO RHCJR-2	84-241BL	S-5,OD GEO.35% 0"TO 12"INT. S-6,ID OD GEO. 20% to 35% 0" to 12" INT.	NONE
RHR TW30	11C	PT	RHCJR-2	84-097BL	NONE	NONE
		UT	RHCJR-2	84-250BL	S-1,OD GEO. 15% 360°INT. S-2,OD GEO. 25% 360°INT.	MISMATCH ON ELBOW, NO SCAN ON WELD, MOST AREAS

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11C	PT	RHCJR-2 TO RHCJR-3	84-081BL	NONE	NONE
		UT	RHCJR-2 TO RHCJR-3	84-251BL	S-5,OD GEO.10% 0"TO 42"INT. S-6,OD GEO.12% 0"TO 42"INT.	NONE
	11C	PT	RHCJR-3	84-098BL	NONE	NONE
		UT	RHCJR-3	84-252BL	S-1,ID OD GEO. 15%-65% 360° INT. S-2,ID OD GEO. 10%-25% 360° INT.	NONE
	11C	PT	RHCJR-3 TO RHCJR-4	84-099BL	NONE	NONE
		UT	RHCJR-3 TO RHCJR-4	84-253BL	S-5,ID OD GEO. 10%-20% 0" TO 6" INT. S-6,ID OD GEO. 10%-15% 0" TO 6" INT.	NONE
	11C	PT	RHCJR-4	84-091BL	NONE	NONE
		UT	RHCJR-4	84-254BL	S-1,ID OD GEO. 10%-15% 360° INT. S-2,ID OD GEO. 10%-15% 360° INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11C	PT	RHCJR-4 TO RHCJR-5	84-100BL	NONE	NONE
		UT	RHCJR-4 TO RHCJR-5	84-255BL	S-5,ID OD GEO. 10%-25% T 0" TO 15" INT. T S-6,ID OD GEO. 10%-15% 0" TO 15" INT.	
	11C	PT	RHCJR-5	84-083BL	NONE	NONE
		UT	RHCJR-5	84-246BL	S-1,ID OD GEO. 20%-25% 360° INT.	NONE
	11C	PT	RHCJR-5 TO RHCFR-6	84-079BL	NONE	NONE
	11C	UT	RHCJR-5 TO RHCFR-6	84-245BL	S-5,ID OD GEO. 10-15% 0" TO 6" INT. S-6,ID OD GEO.15% 0" TO 6" INT.	NONE
	11C	MT	RHCJR-7	84-963BL	NONE	NONE
		UT	RHCJR-7	84-967BL	S-2,ID GEO.25-30% 360°INT.	NO S-1 DUE TO CONFIGURATION VALUE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11C	MT	RHCJR-8	84-1220BL	NONE	NONE
		UT	RHCJR-8	84-1249BL	NONE	L-WAVE EXAM
		UT	RHCJR-8	84-1261BL	S-1,ID GEO.45% INT.	NO S-2 DUE TO CONFIGURATION VALUE
	11C	MT	RHCJR-12	84-941BL	NONE	NONE
		UT	RHCJR-12	84-942BL	NONE	L-WAVE EXAM
		UT	RHCJR-12	84-952BL	S-1,ID OD GEO.50% 360°INT. S-2,ID SPOT 50% 6:00 ID OD GEO.35-40% 360°INT.	NONE
	11C	MT	RHCJR-13	84-940BL	NONE	NONE
		UT	RHCJR-13	84-943BL	NONE	L-WAVE EXAM
		UT	RHCJR-13	84-953BL	S-1,ID GEO.30% 360°INT. S-2,ID OD GEO. 35-50% 360° INT.	NONE
	11C	MT	RHCJR-14	84-1196BL	NONE	NONE
		UT	RHCJR-14	84-1251BL	NONE	L-WAVE EXAM
		UT	RHCJR-14	84-1260BL	S-1,ID GEO. 55-65% INT. OD GEO.<20% INT.	NONE
	11C	MT	RHCJR-15	84-1195BL	NONE	NONE
		UT	RHCJR-15	84-1250BL	NONE	L-WAVE EXAM
		UT	RHCJR-15	84-1259BL	S-1,ID GEO. < 20% OD GEO. < 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11C	MT	RHCJR-16	84-997BL	NONE	NONE
		UT	RHCJR-16	84-995BL	NONE	L-WAVE EXAM
		UT	RHCJR-16	84-996BL	S-1,ID GEO.60-75% 360° INT.OD GEO. 50% 360°INT. S-2,ID GEO.25-50% 360° INT.OD GEO. 50% 360°INT.	NONE
	11C	MT	RHCJR-17	84-1088BL	NONE	NONE
		UT	RHCJR-17	84-1111BL	NONE	L-WAVE EXAM
		UT	RHCJR-17	84-1112BL	S-1,ID OD GEO. < 20% S-2,ID OD GEO. 25-40% INT.	NONE
	11C	MT	RHCJR-18	84-962BL	NONE	NONE
		UT	RHCJR-18	84-957BL	NONE	L-WAVE EXAM
		UT	RHCJR-18	84-959BL	S-1,ID OD GEO. 25-100% 360° INT. S-2,ID GEO. 35% 360°INT.	NONE
	11C	MT	RHCJR-19	84-1016BL	NONE	NONE
		UT	RHCJR-19	84-1014BL	NONE	L-WAVE EXAM
		UT	RHCJR-19	84-1015BL	S-1,ID GEO. 40% 360°INT. S-2,ID GEO.45-80% 360°INT.	NONE
	11C	MT	RHCJR-25	84-1194BL	NONE	NONE
		UT	RHCJR-25	84-1252BL	NONE	L-WAVE EXAM
		UT	RHCJR-25	84-1258BL	S-1,ID GEO. 50-60% INT. S-2,ID GEO. 50% INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	11C	MT	RHCJR-10	84-1347BL	NONE	NONE
		UT	RHCJR-10	-------	----	NO S-1,S-2,S-3, & S-4 DUE TO CONFIGURATION WELDED NECK & FLANGE FITTING
	11C	MT	RHCJR-21	84-1348BL	NONE	NONE
		UT	RHCJR-21	-------	----	NO S-1,S-2,S-3, & S-4 DUE TO CONFIGURATION WELDED NECK & FLANGE FITTING
RHR TW40		MT	RHEJR-2	84-1180BL	NONE	NONE
		UT	RHEJR-2	84-1209BL	NONE	L-WAVE EXAM
		UT	RHEJR-2	84-1227BL	S-1,ID GEO.25% 360°INT.	NO S-2 DUE TO CONFIGURATION NOISE AND STANDING WAVE 360°
RHR TW40		MT	RHEJR-3	84-880BL	NONE	NONE
		UT	RHEJR-3	84-893BL	NONE	L-WAVE EXAM
		UT	RHEJR-3	84-893BL	S-1,ID GEO. 70% INT. S-2,ID GEO. 40% INT. OD GEO. 80% INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
		MT	RHEJR-4	84-879BL	NONE	NONE
		UT	RHEJR-4	84-891BL	NONE	L-WAVE EXAM
		UT	RHEJR-4	84-891BL	S-1,ID GEO. 40% INT. OD GEO. 80% INT. S-2,ID GEO. 50% INT. OD GEO. 75% INT.	NONE
		MT	RHEJR-5	84-1133BL	NONE	NONE
		UT	RHEJR-5	84-1148BL	NONE	L-WAVE EXAM
		UT	RHEJR-5	84-1150BL	S-1,ID GEO. 50-60%	NO S-2 DUE TO CONFIGURATION
		MT	RHEJR-6	84-1182BL	NONE	NONE
		UT	RHEJR-6	84-1208BL	NONE	L-WAVE EXAM
		UT	RHEJR-6	84-1228BL	S-1,ID GEO. 30% 360°INT. OD GEO.<20% 360°INT.	NO S-2 DUE TO CONFIGURATION NOISE AND STANDING WAVES, 360°
RHR TW40		MT	RHEJR-7	84-858BL	NONE	NONE
		UT	RHEJR-7	84-862BL	NONE	L-WAVE EXAM
		UT	RHEJR-7	84-862BL	S-1,ID GEO. 45% INT. OD GEO. 50% INT. S-2,ID OD GEO. 85-100% S-3,OD GEO. 4:30, 25-35%	NONE
		MT	RHEJR-8	84-1134BL	NONE	NONE
		UT	RHEJR-8	84-1147BL	NONE	L-WAVE EXAM
		UT	RHEJR-8	84-1149BL	S-1,ID GEO. 60-65% INT. OD GEO. 50% S-2,ID GEO. 40-45%	LIMITED SCAN 3:00 TO 9:00 I.R. OF ELBOW

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
		MT	RHEJR-9	84-1290BL	NONE	NONE
		UT	RHEJR-9	84-1311BL	NONE	L-WAVE EXAM
		UT	RHEJR-9	84-1315BL	S-1,ID GEO. 75-125% 3.4" CCW TO 12:00 S-2,ID GEO.50% 360°INT.	LIMITED S-1 DUE TO IR OF OF ELBOW
		MT	RHEJR-10	84-881BL	NONE	NONE
		UT	RHEJR-10	84-892BL	NONE	L-WAVE EXAM
		UT	RHEJR-10	84-892BL	S-1,ID GEO. 35-45% INT. S-2,ID GEO. 75-80% INT.	NONE
RHR TW40		MT	RHEJR-10A	84-1163BL	NONE	NONE
		UT	RHEJR-10A	84-1164BL	NONE	L-WAVE EXAM
		UT	RHEJR-10A	84-1166BL	S-1,ID GEO.120% 5 3/4" TO 6 3/4" CW S-2,ID GEO.120% 5 3/4" TO 6 3/4" CW	INDICATIONS LIKELY DUE TO PIPE TO ELBOW MISMATCH
		MT	RHEJR-11	84-1183BL	NONE	NONE
		UT	RHEJR-11	84-1204BL	NONE	L-WAVE EXAM
		UT	RHEJR-11	84-1223BL	S-1,ID GEO. 90% 3" TO 0" S-2,ID GEO. 85-100% 1" TO 2" CW	NO S-1, 10:30 TO 1:30 DUE TO CONFIGURATION TEE. NOISE AND STANDING WAVE 360°
		MT	RHEJR-12	84-1188BL	NONE	NONE
		UT	RHEJR-12	84-1205BL	NONE	L-WAVE EXAM
		UT	RHEJR-12	84-1224BL	S-1,ID GEO. 60% 360°INT.	NO S-2 DUE TO CONFIGURATION TEE. NOISE AND STANDING WAVE 360°

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
		MT	RHEJR-13	84-1192BL	NONE	NONE
		UT	RHEJR-13	84-1203BL	NONE	L-WAVE EXAM
		UT	RHEJR-13	84-1229BL	S-2,ID GEO. 65% INT.	NO S-1 DUE TO CONFIGURATION VALVE
RHR TW40 (CONT)						
		MT	RHEJR-14	84-1190BL	NONE	NONE
		UT	RHEJR-14	84-1207BL	NONE	L-WAVE EXAM
		UT	RHEJR-14	84-1231BL	S-1,ID GEO. <20% 360°INT.	NO S-2 DUE TO CONFIGURATION VALVE. STANDING WAVE AND NOISE, 360°
		MT	RHEJR-15	84-889BL	NONE	NONE
		UT	RHEJR-15	84-897BL	NONE	L-WAVE EXAM
		UT	RHEJR-15	84-897BL	S-1,ID OD GEO.45-80% INT. S-2,ID OD GEO.50-85% INT.	NONE
		MT	RHEJR-16	84-1173BL	NONE	NONE
		UT	RHEJR-16	84-1128BL	NONE	L-WAVE EXAM
		UT	RHEJR-16	84-1176BL	S-1,ID OD GEO. 100% 360° INT. S-2,ID GEO.65-75% 360°INT.	NOISE AND STANDING WAVE AT 3 DIV.
		MT	RHEJR-17	84-887BL	NONE	NONE
		UT	RHEJR-17	84-895BL	NONE	L-WAVE EXAM
		UT	RHEJR-17	84-895BL	S-2,OD GEO. 65%	STAMP ON WELD

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
		MT	RHEJR-18	84-888BL	NONE	NONE
		UT	RHEJR-18	84-896BL	NONE	L-WAVE EXAM
		UT	RHEJR-18	84-896BL	S-1,ID GEO.50-85% INT. S-2,ID OD GEO.50-90% INT.	NONE
RHR TW40 (CONT)						
		MT	RHEJR-19	84-1237BL	NONE	NONE
		UT	RHEJR-19	84-1272BL	NONE	L-WAVE EXAM
		UT	RHEJR-19	84-1244BL	S-2,ID GEO. 60-110% 0" TO 1" C.W.	NO S-1 DUE TO CONFIGURATION SWEEP-O-LET
		MT	RHEJR-21	84-882BL	NONE	NONE
		UT	RHEJR-21	84-899BL	NONE	L-WAVE EXAM
		UT	RHEJR-21	84-899BL	S-1,ID OD GEO. 55-90% INT. S-2,ID GEO. 3:00 40%	POOR CONTACT S-1 I.R. OF TEE
		MT	RHEJR-22	84-1186BL	NONE	NONE
		UT	RHEJR-22	84-1202BL	NONE	L-WAVE EXAM
		UT	RHEJR-22	84-1225BL	S-1,ID GEO.80% 360°INT. S-2,ID GEO.100% 360° INT.	NONE
		MT	RHEJR-23	84-1157BL	NONE	NONE
		UT	RHEJR-23	84-1162BL	NONE	L-WAVE EXAM
		UT	RHEJR-23	84-1165BL	S-1,ID GEO. 8:30 100% OD GEO. 3:30 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
		MT	RHEJR-24	84-1181BL	NONE	NONE
		UT	RHEJR-24	84-1201BL	NONE	L-WAVE EXAM
		UT	RHEJR-24	84-1226BL	S-1,ID GEO.60-70% 360°INT. S-2,ID GEO.60-75% 360°INT.	S-2 LIMITED CONTACT 10:00 TO 2:00 I.R. OF ELBOW
RHR TW40		MT	RHEJR-25	84-1187BL	NONE	NONE
		UT	RHEJR-25	84-1200BL	NONE	L-WAVE EXAM
		UT	RHEJR-25	84-1230BL	S-1,ID GEO.55-75% 360°INT. S-2,ID GEO. 5:00 TO 6:30 35-45%	S-1 LIMITED CONTACT 10:00 TO 2:00 I.R. OF ELBOW. NOISE & STANDING WAVE S-3 AND S-4
		MT	RHEJR-26	84-1218BL	NONE	NONE
		UT	RHEJR-26	84-1271BL	NONE	L-WAVE EXAM
		UT	RHEJR-26	84-1240BL	S-1,ID GEO. 1/2" CCW TO 1/2" CW, 50%	NO S-2 DUE CONFIGURATION VALVE
		MT	RHEJR-27	84-1191BL	NONE	NONE
		UT	RHEJR-27	84-1198BL	NONE	L-WAVE EXAM
		UT	RHEJR-27	84-1241BL	S-2,ID GEO. 3:00 <20%	NO S-1 DUE TO CONFIGURATION VALVE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RHR TW40		MT	RHEJR-28	84-1185BL	NONE	NONE
		UT	RHEJR-28	84-1206BL	NONE	L-WAVE EXAM
		UT	RHEJR-28	84-1242BL	S-1,ID GEO.95-100% 360°INT. S-2,ID GEO.40-100% 360°INT.	NONE
		MT	RHEJR-29	84-1184BL	NONE	NONE
		UT	RHEJR-29	84-1197BL	NONE	L-WAVE EXAM
		UT	RHEJR-29	84-1243BL	S-1,ID GEO.50-100% 360°INT. S-2,ID GEO. 9:00 TO 10:00 100%	NONE
		MT	RHEJR-30	84-913BL	NONE	NONE
		UT	RHEJR-30	84-920BL	NONE	L-WAVE EXAM
		UT	RHEJR-30	84-920BL	S-1,ID GEO. 100% 360°INT. OD GEO. 50% 360° INT. S-2,ID OD GEO. 50% 360°INT	NONE
		MT	RHEJR-31	84-1289BL	NONE	NONE
		UT	RHEJR-31	84-1312BL	NONE	L-WAVE EXAM
		UT	RHEJR-31	84-1314BL	S-1,ID GEO. 10:00 TO 12:00 25% S-2,ID GEO. 70-80% 360°INT	NONE
		MT	RHEJR-32	84-1189BL	NONE	NONE
		UT	RHEJR-32	84-1199BL	NONE	L-WAVE EXAM
		UT	RHEJR-32	84-1239BL	S-1,ID GEO. 100% 360°INT. S-2,ID GEO. 80% 360° INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
		MT	RHEJR-33	84-886BL	NONE	NONE
		UT	RHEJR-33	84-902BL	NONE	L-WAVE EXAM
		UT	RHEJR-33	84-902BL	S-1,ID OD GEO. 40-80% INT. S-2,ID OD GEO. 60-85% INT.	POOR CONTACT S-1,S-2 DUE TO INNER RADIUS OF ELBOW
		MT	RHEJR-34	84-1248BL	NONE	NONE
		UT	RHEJR-34	84-1270BL	NONE	L-WAVE EXAM
		UT	RHEJR-34	84-1238BL	S-1,ID GEO.55-65% 360°INT.	NO S-2 DUE TO CONFIGURATION COUPLING
RECIRC A	13A	PT	RCAFR-2 TO RCAJR-3	84-615BL	NONE	NONE
		UT	RCAFR-2 TO RCAJR-3	84-626BL	S-5,ID GEO. < 20% INT. S-7,ID ROLL < 20% S-8,ID ROLL < 20% S-5S,ID GEO. < 20% S-6S,ID GEO. < 20% S-7S,ID GEO. < 20% S-8S,ID GEO. < 20%	1" NOT EXAMINED EITHER SIDE - TAPERED EDGE OF WELD PREP.
	13A	PT	RCAJR-3	84-1113BL	NONE	NONE
		UT	RCAJR-3	84-1117BL	NONE	L-WAVE EXAM
		UT	RCAJR-3	84-1343BL	S-1,ID GEO. 50% 360° INT. OD GEO. < 20% 360° INT. S-2,ID OD GEO.<20% 360°INT. S-3,ID GEO. 25% LONG. SEAM S-4,OD GEO. 25% LONG. SEAM S-1S,ID OD GEO.<20% 360°INT. S-3S,1D OD GEO.<20% 360°INT. S-4S,ID OD GEO. < 20% 360°INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-3 TO RCAJR-4	84-016BL	NONE	NONE
		UT	RCAJR-3 TO RCAJR-4	84-596BL	S-5,ID OD GEO. 0" TO 49" < 20% S-6,ID OD GEO. 0" TO 49" < 20% S-6S,ID OD GEO. 0" TO 49" < 20% INT. S-7S,ID OD GEO. 0" TO 49" < 20% INT.	NONE
	13A	PT	RCAJR-4	84-065BL	NONE	1/8" GRINDING GOUGE MARKS ON WELD.INT. 360°
		UT	RCAJR-4	84-602BL	S-1,ID OD GEO.<20% 360°INT S-2,OD GEO. < 20% 360° INT.	NONE
	13A	PT	RCAJR-4 TO RCAJR-4A	84-056BL	NONE	NONE
		UT	RCAJR-4 TO RCAJR-4A	84-597BL	NONE	NONE
	13A	PT UT	RCAJR-4A RCAJR-4A	84-060BL 84-601BL	NONE S-1,OD GEO. 40% 360° INT. S-2,ID OD GEO.<20% 360°INT. S-1S,ID OD GEO. 6:00 TO 8:00 <20% INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	I3A	PT	RCAJR-4A TO RCAJR-5	84-010BL	1/4" LINEAR	NONE
		PT	RCAJR-4A TO RCAJR-5	84-108BLR	NONE LINEAR BUFFED OUT	NONE
		UT	RCAJR-4A TO RCAJR-5	84-600BL	S-9,ID OD GEO. < 20% 0" TO 33" INT. S-10,ID OD GEO. < 20% 0" TO 33" INT. S-10S,ID OD GEO. < 20% 0" TO 33" INT. S-12S,ID OD GEO. < 20% 0" TO 33" INT.	NONE
	13A	PT	RCAJR-5	84-1030BL	NONE	NONE
		UT	RCAJR-5	84-1031BL	NONE	L-WAVE EXAM
		UT	RCAJR-5	84-1441BL	S-I,ID GEO. < 20% INT. S-3,GEO. LONG. SEAM S-4,OD GEO. < 20% LONG.SEAM	NO S-2,S-3S AND S-4S DUE TO CONFIGURATION
	13A	PT	RCAJR-5 TO RCAJR-7	84-023BL	NONE	MINOR GRINDING GOUGES ALONG WELD
		UT	RCAJR-5 TO RCAJR-7	84-507BL	S-9,ID GEO. < 20% S-10,ID GEO. < 20% S-9S,ID GEO. < 20% S-10S,ID GEO. < 20% S-11S,ID GEO. < 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-7	84-024BL	NONE	NONE
		UT	RCAJR-7	84-509BL	S-1,ID OD GEO. < 20% 360° INT. S-2,ID OD GEO. < 20% 360° INT. S-3,OD GEO.<20% 360°INT. S-4,ID OD GEO.< 20% 360° INT.	MISMATCH BETWEEN PIPE AND TEE. 1/2" GRINDING GOUGE MARKS ON WELD
	13A	PT	RCAJR-7 TO RCAJR-8	84-009BL	1/8" SLUG OF METAL ON WELD.	NONE
		PT	RCAJR-7 TO RCAJR-8	84-156BLR	NONE, SLUG REMOVED	NONE
		UT	RCAJR-7 TO RCAJR-8	84 508BL	S-5,ID OD GEO.< 20% S-6,ID OD GEO < 20% S-5S,ID OD GEO. < 20% S-6S,ID OD GEO. < 20% S-7S,ID OD GEO. < 20% S-8S,ID OD GEO. < 20%	NONE
	13A	PT	RCAJR-8	84-1053BL	NONE	NONE
		UT	RCAJR-8	84-1059BL	NONE	L-WAVE EXAM
		UT	RCAJR-8	84-1442BL	S-1,ID OD GEO. 25% INT. REDIRECTED BEAM FROM ID S-2,ID OD GEO. < 20% INT. REDIRECTED BEAM FROM COUNTER BORE 20-33% INTERMITTENT S-3,GEO. LONG.SEAM < 20% S-4,GEO. LONG.SEAM < 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-8 TO RCAJR-9	84-022BL	NONE	GRINDING MARKS ALONG LENGTH OF WELD. SLIGHT DENT IN BASE METAL
		UT	RCAJR-8 TO RCAJR-9	84-537BL	S-5,ID OD GEO. < 20% 0" TO 142" INT. S-6,ID OD GEO. < 20% 0" 142" INT. S-7,ID OD GEO. < 20% 84" TO 130" INT. S-8,ID OD GEO. < 20% 12" TO 115" INT. S-5S,ID OD GEO. < 20% 0" TO 142" INT. S-6S,ID OD GEO. < 20% 0" TO 142" INT. S-7S,ID OD GEO. < 20% 0" TO 142" INT. S-8S,ID OD GEO. < 20% 0" TO 142" INT.	NONE
	13A	PT	RCAJR-9	84-1001BL	NONE	NONE
		UT	RCAJR-9	84-999BL	NONE	L-WAVE EXAM
	13A	UT	RCAJR-9	84-1443BL	S-1,ID OD GEO< 20% 360° INT. S-2,ID OD GEO. < 20% 360° INT. S-3,ID OD GEO. 6:00 < 20% LONG. SEAM S-4,ID OD GEO. 6:00 < 20% LONG. SEAM S-2S,ID GEO. 3:00 <20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)	13A	PT	RCAJR-9 TO RCAJR-10	84-018BL	NONE	GRINDING MARKS ALONG LENGTH OF WELD.
		UT	RCAJR-9 TO RCAJR-10	84-512BL	S-6,ID OD GEO. < 20% INT. S-7,ID GEO. < 20% AFTER 84" - PIPE EDGE. S-6S, GEO. PIPE EDGE AFTER 96" S-7S,ID GEO. < 10% CIRC. WELD	NONE
	13A	PT	RCAJR-10	84-020BL	NONE	.06" GRINDING GOUGE AT CIRC. AND LONG.SEAM INTERSECTION
		UT	RCAJR-10	84-511BL	S-1,ID OD GEO. <20% INT. OD GEO. DUE TO BEAM REDIRECTION S-2,ID OD GEO. < 20% INT.	NONE
	13A	PT	RCAJR-10 TO RCAJR-11	84-019BL	NONE	1/8" & 1/8" GOUGE MARK. GRINDING MARKS ALONG WELD
		UT	RCAJR-10 TO RCAJR-11	84-510BL	S-9,ID GEO. < 10% S-10,SPOT AT 33 3/8" < 10% S-11,GEO. FROM PIPE EDGE AFTER 72" S-12,GEO. FROM CIRC. WELD AFTER 12" S-11S,GEO. FROM PIPE EDGE AFTER 84"	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-11	84-873BL	NONE	NONE
		UT	RCAJR-11	84-876BL	NONE	L-WAVE EXAM
		UT	RCAJR-11	84-1452BL	S-1,ID OD GEO. 20-40%INT. OD REDIRECTED FROM ID, COUNTER BORE S-3,OD GEO.< 20% STAMP MARK S-4,ID GEO.< 20% LONG. SEAM	NO S-2,S-3S AND S-4S DUE TO CONFIGURATION VALVE
	13A	PT	RCAJR-12	84-857BL	NONE	NONE
		UT	RCAJR-12	84-877BL	NONE	L-WAVE EXAM
		UT	RCAJR-12	84-1444BL	S-2,ID GEO. 30% 360°INT. OD GEO.< 20% 360°INT. S-3,ID OD GEO. 9:00 < 20% LONG. SEAM S-4,OD GEO. 9:00 < 20% LONG.SEAM S-3S,ID GEO. 9:00< 20% LONG.SEAM	NO S-1,S-1S, & S-2S DUE TO CONFIGURATION VALVE
	13A	PT	RCAJR-12 TO RCAJR-15	84-064BL	NONE	NONE
		UT	RCAJR-12 TO RCAJR-15	84-469BL	S-5,ID OD GEO. 20% INT. S-6,ID OD GEO. 20% INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-15	84-048BL	NONE	NONE
		UT	RCAJR-15	84-470BL	S-1,ID OD GEO.<20% 360°INT. S-2,ID OD GEO.<20% 360°INT.	NONE
	13A	PT	RCAJR-15 TO RCAJR-16 I.R.	84-002BL	ONE LINEAR	MINOR GRINDING MARKS ALONG WELD
	13A	PT	RCAJR-15 TO RCAJR-16 I.R.	84-111BLR	NONE LINEAR REMOVED	NONE
	13A	PT	RCAJR-15 TO RCAJR-16 O.R.	84-003BL	FIVE LINEARS	NONE
		PT	RCAJR-15 TO RCAJR-16 O.R.	84-143R1	TWO LINEARS, THREE BUFFED OUT	NONE
		PT	RCAJR-15 TO RCAJR-16 O.R.	84-144R2	NONE,LINEARS BUFFED OUT	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12(CONT)						
	13A	UT	RCAJR-15 TO RCAJR-16 I.R.	84-466BL	S-5,ID OD GEO. < 20% S-6,ID OD GEO. < 20% INT.	LIMITED CONTACT SCANS 7 & 8 DUE TO INNER RADIUS OF ELBOW
		UT	RCAJR-15 TO RCAJR-16 O.R.	84-468BL	NONE	NONE
	13A	PT	RCAJR-16	84-851BL	NONE	NONE
		UT	RCAJR-16	84-966BL	NONE	L-WAVE EXAM
		UT	RCAJR-16	84-1445BL	S-1,ID OD GEO<20% 360°INT. S-3,ID OD GEO. 3:00 AND 12:00 20% LONG. SEAMS S-4,ID OD GEO. 3:00 AND 12:00 20% LONG. SEAMS	NO S-2,S-3S OR S-4S DUE TO CONFIGURATION PUMP
	13A	PT	RCAJR-17	84-856BL	ARC STRIKE, MULTIPLE LINEAR 1/4" x 3/16" DIA. AT 19½" CCW	NONE
		PT	RCAJR-17	84-856BLR	NONE ARC STRIKE,MULTIPLE LINEAR INDICATION REMOVED	NONE
		UT	RCAJR-17	84-907BL	NONE	L-WAVE EXAM
		UT	RCAJR-17	84-1446BL	S-2,ID OD GEO. 9:00 TO 12:00 <20% INT. S-3S,OD GEO. 3:00 < 20% LONG. SEAM	NO S-1,S-1S OR S-2S DUE TO CONFIGURATION PUMP

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-17 TO RCAJR-20	84-042BL	NONE	NONE
		UT	RCAJR-17 TO RCAJR-20	84-467BL	S-5,ID OD GEO.< 20% INT. S-6,ID OD GEO.< 20% INT. S-7S,ID GEO.< 20%	ROUGH ID SURFACE
	13A	PT	RCAJR-20	84-801BL	NONE	NONE
		UT	RCAJR-20	84-1172BL	NONE	L-WAVE EXAM
		UT	RCAJR-20	84-1447BL	S-1,ID GEO.< 20% 360°INT. S-4,ID GEO. 5:00 < 20%	NO S-2,S-3S OR S-4S DUE TO CONFIGURATION VALVE
	13A	PT	RCAJR-21	84-1236BL	NONE	NONE
		UT	RCAJR-21	84-1247BL	NONE	L-WAVE EXAM
		UT	RCAJR-21	84-1453BL	S-2,ID OD GEO. 20-30% INT. S-3,ID GEO. 6:00, 50% LONG. SEAM S-4,ID GEO. 6:00 25% LONG. SEAM S-4S,GEO.< 20% LONG.SEAM	OD REDIRECTED FROM ID-COUNTER BORE NO S-1,S-1S, S-2S, DUE TO CONFIGURATION VALVE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 912 (CONT)						
	13A	PT	RCAJR-21 TO RCAJR-22	84-027BL	NONE	NONE
		UT	RCAJR-21 TO RCAJR-22	84-593BL	S-5,ID OD GEO. 20% S-7,ID GEO. FROM CIRC. WELD S-8,GEO. AFTER 74" - PIPE EDGE S-6S,OD GEO. 20% S-7S,OD GEO 20% S-8S,OD GEO. 20%	NONE
	13A	PT	RCAJR-22	84-026BL	NONE	MINOR GRINDING MARKS 360°
		UT	RCAJR-22	84-595BL	S-1,ID OD GEO. 20% INT. S-2,ID OD GEO. 30% INT. S-3,ID GEO. LONG.SEAM S-4,OD GEO. LONG.SEAM S-2S,ID ROLL 20%	NONE
	13A	PT	RCAJR-22 TO RCAJR-23	84-028BL	NONE	MINOR GRINDING MARKS ALONG LONG. SEAM
	13A	UT	RCAJR-22 TO RCAJR-23	84-592BL	S-9,ID OD GEO. 20% INT. S-10,ID OD GEO. 20% INT. S-11,GEO. AFTER 84" PIPE EDGE S-12,ID OD GEO. CIRC.WELD S-9S,ID OD GEO. 20% S-10S,ID GEO. 20%	

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-23	84-1156BL	NONE	NONE
		UT	RCAJR-23	84-1159BL	NONE	L-WAVE EXAM
		UT	RCAJR-23	84-1448BL	S-1,ID OD GEO.<20% 360°INT. S-2,ID GEO. 35% 360° INT. OD GEO.< 20% 360° INT. S-3,ID OD GEO. 3:00 AND 12:00 <20% LONG.SEAMS S-4,ID OD GEO. 3:00 AND 12:00 <20% LONG. SEAMS	NONE
	13A	PT	RCAJR-23 TO RCAJR-24	84-158BL	NONE	MINOR GRINDING MARKS ALONG LENGTH OF WELD
	13A	UT	RCAJR-23 TO RCAJR-24	84-503BL	S-5,ID OD GEO.< 20% S-6,ID OD GEO. < 20% S-7,ID OD GEO.AT 13.5"40% S-8,ID OD GEO. < 20% S-5S,ID OD GEO. < 20% S-6S,ID OD GEO. < 20% S-7S,ID OD GEO. < 20% S-8S,ID OD GEO. < 20%	NONE
	13A	PT	RCAJR-24	84-1155BL	NONE	NONE
		UT	RCAJR-24	84-1158BL	NONE	L-WAVE EXAM
		UT	RCAJR-24	84-1449BL	S-1,ID OD GEO<20% 360°INT.	NO S-2,3S OR 4S DUE TO CONFIGURATION TEE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13A	PT	RCAJR-24 TO RCAJR-25	84-078BL	ONE LINEAR	NONE
		PT	RCAJR-24 TO RCAJR-25	84-113BLR	NONE LINEAR BUFFED OUT	NONE
	13A	UT	RCAJR-24 TO RCAJR-25	84-504BL	S-7,GEO.INT. FROM PIPE EDGE AFTER 24" S-8,GEO. INT. FROM PIPE EDGE AFTER 24"	NONE
	13A	PT	RCAJR-25	84-836BL	NONE	NONE
		UT	RCAJR-25	84-1439BL	S-2,ID GEO. 40% 360° INT.	1/2 NODE EXAM
RECIRC B	13B	PT	RCBFR-2 TO RCBJR-3	84-616BL	NONE	NONE
		UT	RCBFR-2 TO RCBJR-3	84-627BL	S-5,ID GEO.< 20% INT. S-6,ID GEO.< 20% INT. S-7,ID ROLL < 20% S-8,ID ROLL< 20% S-5S,ID GEO < 20% S-6S,ID GEO < 20% S-7S,ID GEO.< 20% S-8S,ID GEO.<20%	1" ON EITHER SIDE, NOT EXAMINED DUE TO TAPERED EDGE OF WELD PREP.

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-3	84-908BL	NONE	NONE
		UT	RCBJR-3	84-906BL	NONE	L-WAVE EXAM
		UT	RCBJR-3	84-1457BL	S-1,ID GEO.25-30% 360°INT. OD GEO. < 20% 360° INT. S-2,ID GEO. 30% 360° INT. OD GEO. < 20% 360° INT.	NONE
	13B	PT	RCBJR-3 TO RCBJR-4	84-004BL	TWO LINEARS	NONE
		PT	RCBJR-3 TO RCBJR-4	84-147BLR	NONE, LINEARS BUFFED OUT	NONE
		UT	RCBJR-3 TO RCBJR-4	84-499BL	S-9,ID OD GEO. < 20% S-10,ID OD GEO. < 20%	NONE
	13B	PT	RCBJR-4	84-057BL	TWO LINEARS	NONE
		PT	RCBJR-4	84-152BL	NONE, LINEARS BUFFED OUT	NONE
		UT	RCBJR-4	84-501BL	S-1,ID OD GEO. < 20% S-2,ID OD GEO. < 20% S-3S,ID OD GEO. < 20% S-4S,ID OD GEO. < 20%	MINOR MISMATCH
	13B	PT	RCBJR-4 TO RCBJR-5	84-058BL	NONE	PUNCH MARKS ON WELD
		UT	RCBJR-4 TO RCBJR-5	84-500BL	S-6,ID OD GEO. < 20%	NONE
	13B	PT	RCBJR-5	84-1017BL	NONE	NONE
		UT	RCBJR-5	84-1018BL	NONE	L-WAVE EXAM

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	UT	RCBJR-5	84-1458BL	S-1,ID GEO. 30-35% 360°INT. OD GEO. < 20% 360° INT. S-2,ID GEO. 12:00 TO 3:00 < 20% S-3,OD GEO. 6:00 < 20% LONG. SEAM	NONE
	13B	PT	RCBJR-5 TO RCBJR-6	84-030BL	NONE	NONE
		UT	RCBJR-5 TO RCBJR-6	84-531BL	S-5,ID OD GEO. < 20% INT. S-6,ID OD GEO. < 20% INT. S-7,INT.GEO. AFTER 132", PIPE EDGE S-8,INT. ID OD GEO < 10% AFTER 12"-PIPE EDGE S-6S,PIPE EDGE GEO. AFTER 12"	NONE
	13B	PT	RCBJR-6	84-1167BL	NONE	NONE
		UT	RCBJR-6	84-1168BL	NONE	L-WAVE EXAM
		UT	RCBJR-6	84-1459BL	S-1,ID OD GEO. 360° INT. S-2,ID OD GEO. < 20% 360° INT.	NONE
	13B	PT	RCBJR-6 TO RCBJR-7	84-080BL	NONE	NONE
		UT	RCBJR-6 TO	84-532BL	S-5,ID OD GEO < 20% INT. S-6,ID OD GEO. < 20% INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
			RCBJR-7		S-7, PIPE EDGE GEO. AFTER 132" S-8, PIPE EDGE GEO. AFTER 12" S-5S,ID GEO. < 20% S-7S,ID OD GEO. < 20% INT. S-8S,ID OD GEO. < 20% INT.	
	13B	PT	RCBJR-7	84-1022BL	NONE	NONE
		UT	RCBJR-7	84-1020BL	NONE	L-WAVE EXAM
		UT	RCBJR-7	84-1460BL	S-1,ID GEO. 20% 360° INT. OD GEO. < 20% 360° INT. S-2,ID GEO. < 20% 360° INT. S-4,OD GEO. 6:00 < 20% LONG. SEAM	NONE
	13B	PT	RCBJR-7 TO RCBJR-8	84-008BL	ONE LINEAR	GRINDING MARKS ALONG WELD
		PT	RCBJR-7 TO RCBJR-8	84-214BLR	NONE, LINEAR BUFFED OUT	NONE
		UT	RCBJR-7 TO RCBJR-8	84-594BL	S-5,OD GEO. < 20% INT. S-6,OD GEO. < 20% INT. S-7,ID GEO. FROM CIRC. WELD AFTER 12" S-8, PIPE EDGE GEO. AFTER 84" S-7S, CIRC.WELD GEO. AND OD GEO. < 20% S-8S,ID GEO. < 20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-8	84-072BL	NONE	NONE
		UT	RCBJR-8	84-552BL	S-1,OD GEO. < 20% 360° INT. S-2,ID OD GEO.<20% 360°INT.	MINOR MISMATCH
	13B	PT	RCBJR-8 TO RCBJR-9	84-762BL	TWO LINEARS	NONE
		PT	RCBJR-8 TO RCBJR-9	84-797BL	NONE LINEARS BUFFED OUT	NONE
		UT	RCBJR-8 TO RCBJR-9	84-551BL	S-9,ID GEO. 0" TO 86" < 20% INT. S-9S,ID OD GEO. 34" TO 64" < 20% INT.	NONE
	13B	PT	RCBJR-9	84-1286BL	NONE	NONE
		UT	RCBJR-9	84-1287BL	NONE	L-WAVE EXAM
		UT	RCBJR-9	84-1455BL	S-1,ID OD GEO. 20-43% INT. S-3,SPOT 25% 15.6" CCW FROM 12:00 LONG. SEAM GEO. < 20% INT. S-4,SPOT < 20% 3.5" TO 4.5" CCW AND 13.5" CCW FROM 12:00 S-1S,ID GEO. < 20% S-2S,ID OD GEO. < 20%	NO S-2,S-3S, AND S-4S, DUE TO CONFIGURATION VALVE. OD ON S-1 DUE TO BEAM REDIRECT FROM ID AND COUNTER BORE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-10	84-969BL	INTERMITTENT LINEARS 360° VALVE SIDE, TOE OF WELD	NONE
		PT	RCBJR-10	84-977BLR	NONE-LINEARS BUFFED OUT	NONE
		UT	RCBJR-10	84-978BL	NONE	L-WAVE EXAM
		UT	RCBJR-10	84-1464BL	NONE	NO S-1,S-1S, OR S-2S DUE TO CONFIGURATION VALVE
	13B	PT	RCBJR-10 TO RCBJR-13	84-049BL	NONE	NONE
		UT	RCBJR-10 TO RCBJR-13	84-536BL	S-9,ID OD GEO.< 20% 0" TO 20" INT. S-10,ID OD GEO. < 20% 0" TO 35" INT. S-9S,ID OD GEO. < 20% 0" TO 35" INT. S-10S,ID OD GEO.<20% 0" TO 35" INT. S-11S,ID OD GEO. < 20% 0" TO 35" INT. S-12S,ID OD GEO. <20% 0" TO 35" INT.	NONE
	13B	PT	RCBJR-13	84-011BL	3 LINEARS	NONE
		PT	RCBJR-13	84-114BLR	NONE-LINEARS BUFFED OUT	NONE
		UT	RCBJR-13	84-534BL	S-1,ID OD GEO.<20% 360°INT. S-2,ID OD GEO.<20% 360°INT. S-1S,ID OD GEO.<20% 360°INT. S-2S,ID OD GEO.<20% 360°INT. S-3S,ID OD GEO.<20% 360°INT.	MINOR MISMATCH

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-13 TO RCBJR-14	84-052BL	NONE	NONE O.R. ELBOW
		PT	RCBJR-13 TO RCBJR-14	84-063BL	NONE	NONE I.R. ELBOW
		UT	RCBJR-13 TO RCBJR-14	84-533BL	S-5,ID OD GEO. 15" TO 19" INT. < 20% S-8S,ID GEO. 21" TO 41" INT. < 20%	NONE O.R. ELBOW
		UT	RCBJR-13 TO RCBJR-14	84-535BL	S-5,ID OD GEO. 0" TO 22" INT. < 20% S-6,ID OD GEO. 0" TO 32" INT. < 20%	NONE I.R. ELBOW
	13B	PT	RCBJR-14	84-855BL	ONE LINEAR	NONE
		PT	RCBJR-14	84-855BLR	NONE-LINEARS BUFFED OUT	NONE
		UT	RCBJR-14	84-965BL	NONE	L-WAVE EXAM
		UT	RCBJR-14	84-1461BL	S-1,ID GEO. 40% 360° INT. OD GEO. < 20% 360° INT.	NO S-2,S-3S, OR S-4S DUE TO CONFIGURATION PUMP
	13B	PT	RCBJR-15	84-938BL	NONE	NONE
		UT	RCBJR-15	84-939BL	NONE	L-WAVE EXAM
		UT	RCBJR-15	84-1462BL	S-2,OD GEO.<20% 360° INT.	NO S-1,S-1S OR S-2S DUE TO CONFIGURATION PUMP

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-15 TO RCBJR-18	84-007BL	ONE LINEAR	NONE
		PT	RCBJR-15 TO RCBJR-18	84-110BLR	NONE-LINEAR BUFFED OUT	NONE
		UT	RCBJR-15 TO RCBJR-18	84-506BL	S-5,ID OD GEO. < 20% S-6,ID OD GEO. < 20% S-5S,ID OD GEO. < 20% S-6S,ID OD GEO. < 20% S-7S,ID OD GEO. < 20% S-8S,ID OD GEO. < 20%	NONE
	13B	PT UT UT	RCBJR-18 RCBJR-18 RCBJR-18	84-850BL 84-1171BL 84-1463BL	NONE NONE S-1,ID GEO.<20% 360° INT.	NONE L-WAVE EXAM NO S-2,S-3S,OR S-4S DUE TO CONFIGURATION VALVE
	13B	PT UT UT	RCBJR-19 RCBJR-19 RCBJR-19	84-1213BL 84-1246BL 84-1454BL	NONE NONE S-2,ID OD GEO. 23-65% INT. OD GEO. DUE TO REDIRECTED BEAM FROM ID & COUNTER BORE S-3,LONG. SEAM GEO. < 20% INT. S-4,LONG.SEAM GEO. 6:00 20-40% INT. S-3S,ID GEO. < 20% S-4S,ID ROLL < 20%	NONE L-WAVE EXAM NO S-1,S-1S,OR S-2S DUE TO CONFIGURATION VALVE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-19 TO RCBJR-20	84-032BL	NONE	NONE
		UT	RCBJR-19 TO RCBJR-20	84-554BL	S-6S,ID GEO. 55" TO 65" < 20% INT. S-7S,ID GEO. 0" TO 89" < 20% INT. S-8S,ID GEO. 24" TO 30" < 20% INT.	NO SCAN FROM 30" TO 52" DUE TO PIPE SUPPORT WELDED ON ELBOW
	13B	PT	RCBJR-20	84-006BL	ONE LINEAR	NONE
		PT	RCBJR-20	84-151BLR	NONE-LINEAR BUFFED OUT	NONE
		UT	RCBJR-20	84-555BL	S-1,OD GEO. 20-50% 360°INT. S-2,ID OD GEO. <20% 360°INT.	MINOR MISMATCH
	13B	PT	RCBJR-20 TO RCBJR-21	84-033BL	NONE	MINOR GRINDING MARKS ALONG LENGTH OF WELD
		UT	RCBJR-20 TO RCBJR-21	84-553BL	S-9,ID OD GEO. 0" TO 100" < 20% INT. S-10,ID OD GEO. 0" TO 100" < 20% INT. S-10S,ID OD GEO. 60" TO 96" < 20% INT. S-11S,ID OD GEO. 20" TO 78" < 20% INT. S-12S,ID OD GEO. 70" TO 0" < 20% INT.	

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-21	84-1212BL	NONE	NONE
		UT	RCBJR-21	84-1245BL	NONE	L-WAVE EXAM
		UT	RCBJR-21	84-1465BL	S-1,ID GEO. 25% 360° INT. OD GEO. < 20% 360° INT. S-2,ID GEO. AND REDIRECTED BEAM 35-40%, 360° INT. OD GEO. < 20% 360° INT.	NONE
	13B	PT	RCBJR-21 TO RCBJR-22	84-207BL	CRATER CRACK	NONE
		PT	RCBJR-21 TO RCBJR-22	84-701BL	NONE - CRATER CRACK BUFFED OUT	NONE
		UT	RCBJR-21 TO RCBJR-22	84-502BL	S-5,ID OD GEO. < 20% S-6,ID OD GEO. < 20% S-7,ID OD GEO. < 20% S-8,ID OD GEO. < 20% S-5S,ID OD GEO. < 20% S-6S,ID OD GEO. < 20% S-7S,ID OD GEO. < 20% S-8S,ID OD GEO. < 20%	NONE
	13B	PT	RCBJR-22	84-1087BL	NONE	NONE
		UT	RCBJR-22	84-1099BL	NONE	L-WAVE EXAM
		UT	RCBJR-22	84-1466BL	S-1,ID OD GEO.<20% 360°INT. S-3,OD GEO 3:00 <20% S-4,ID OD GEO. 6:00 < 20% LONG. SEAM	NO S-2,S-3S,OR S-4S, DUE TO CONFIGURATION TEE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13B	PT	RCBJR-22 TO RCBJR-23	84-145BL	NONE	NONE
		UT	RCBJR-22 TO RCBJR-23	84-505BL	S-5,ID OD GEO. < 20% TAPERED EDGE S-7, PIPE EDGE GEO. AFTER 36" INT. S-8, PIPE EDGE GEO. AFTER 12" INT.	NONE
	13B	PT	RCBJR-23	84-793BL	NONE	NONE
		UT	RCBJR-23	84-921BL	NONE	L-WAVE EXAM
		UT	RCBJR-23	84-1440BL	S-1,ID GEO. 50% 360° INT. S-2,ID GEO. 50% 360° INT.	1/2 NODE EXAM
RECIRC."A"	13C	PT	RMAJR-1 TO RRFJR-7	84-315BL	NONE	NONE
		PT	RMAJR-1 TO RRFJR-7	84-316BL	NONE	NONE TWO LONG.SEAMS
		UT	RMAJR-1 TO RRFJR-7	84-366BL	NONE	NONE
		UT	RMAJR-1 TO RRFJR-7	84-369BL	NONE	NONE TWO LONG.SEAMS

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RECIRC."A"	13C	PT	RMAJR-1	84-307BL	NONE	NONE
		UT	RMAJR-1	84-362BL	S-1,OD GEO. 20% 360° INT. S-2,ID OD GEO.25% 360°INT.	S-2 LIMITED TO 2½" SCAN PATH DUE TO CONFIG. REDUCER. MINOR OD MISMATCH
	13C	PT	RMAJR-1 TO RMAJR-2	84-319BL	NONE	STAMP ON WELD
		UT	RMAJR-1 TO RMAJR-2	84-370BL	NONE	NONE
	13C	PT	RMAJR-2	84-306BL	NONE	NONE
		UT	RMAJR-2	84-359BL	S-1,ID OD GEO. 9:00 TO 12:00 10% INT.	NONE
	13C	PT	RMAJR-2 TO RMAJR-3	84-318BL	NONE	NONE
		UT	RMAJR-2 TO RMAJR-3	84-867BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13C	PT	RMAJR-3	84-909BL	NONE	NONE
		UT	RMAJR-3	84-904BL	NONE	L-WAVE EXAM
		UT	RMAJR-3	84-142BL	S-2,ID OD GEO.<20% 360°IN S-3,OD GEO. 9:00 <20% S-4S,ID OD GEO.<20% 360°I	NO S-1,S-1S OR S-2S DUE TO .CONFIGURATION OF CROSS
	13C	PT	RMAJR-3 TO RMAJR-3A	84-067BL	NONE	NONE
		UT	RMAJR-3 TO RMAJR-3A	84-461BL	S-1,OD GEO. < 20% ID, REDIRECTED BEAM	S-1,B.E. S-2 LIMITED TO 1 NODE
	13C	PT	RMAJR-3A	84-066BL	NONE	NONE
		UT	RMAJR-3A	84-461BL	S-1,OD GEO. < 20% ID, REDIRECTED BEAM	S-1,B.E. S-2 LIMITED TO 1 NODE DUE TO CONFIGURATION
	13C	PT	RMAJR-4	84-092BL	NONE	NONE
		UT	RMAJR-4	84-400BL	S-2,ID OD GEO. 8-30% OD DUE TO BEAM REDIRECTED FROM FROM COUNTER BORE	NO S-1,S-1S OR S-2S DUE TO CONFIGURATION REDUCER
	13C	PT	RMAJR-5	84-1071BL	NONE	NONE
		UT	RMAJR-5	84-1091BL	NONE	L-WAVE EXAM
		UT	RMAJR-5	84-1428BL	S-2,ID OD GEO.<20% 360°INT. S-3,ID OD GEO.<20% 360°INT. S-4,ID OD GEO.<20% 360°INT. S-3S,ID GEO.< 20% 360° INT.	NO S-1,S-1S OR S-2S DUE TO CONFIGURATION OF CROSS

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)					S-4S,ID GEO.<20% 360° INT.	
	13C	PT	RMAJR-5 TO RMAJR-5A	84-069BL	NONE	NONE
		UT	RMAJR-5 TO RMAJR-5A	84-453BL	S-1,OD GEO. < 20% 360° INT.	S-1 BE S-2 LIMITED TO 1 NODE DUE TO CONFIGURATION
	13C	PT UT	RMAJR-5A RMAJR-5A	84-068BL 84-453BL	NONE S-1,OD GEO.<20% 360° INT.	NONE S-1 BE S-2 LIMITED TO 1 NODE DUE TO CONFIGURATION
	13C	PT	RMAJR-5 TO RMAJR-6	84-342BL	NONE	NONE
		UT	RMAJR-5 TO RMAJR-6	84-383BL	S-5,OD GEO. 10% 360° INT. S-6,OD GEO. 10% 360° INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13C	PT	RMAJR-6	84-341BL	NONE	NONE
		UT	RMAJR-6	84-379BL	NONE	NONE
	13C	PT	RMAJR-6 TO RMAJR-7	84-340BL	NONE	NONE
		UT	RMAJR-6 TO RMAJR-7	84-368BL	S-5,OD GEO. 0" TO 33" 10% INT.	NONE
	13C	PT	RMAJR-7	84-336BL	NONE	NONE
		UT	RMAJR-7	84-380BL	S-1,OD GEO. 20% 360° INT. S-2,ID OD GEO. 10-15% 360° INT.	
	13C	PT	RMAJR-7 TO RRKJR-7	84-334BL	NONE	NONE
		PT	RMAJR-7 TO RRKJR-7	84-335BL	NONE	NONE REDUCER HAS TWO LONG.SEAMS
	13C	UT	RMAJR-7 TO RRKJR-7	84-381BL	NONE	NONE O.R.
		UT	RMAJR-7 TO RRKJR-7	84-382BL	S-5,SPOT AT 16" 10% S-6,SPOT AT 16" 10%	NONE I.R.

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13C	PT	RCAJR-25 TO RMAJR-4	84-087BL	NONE	NONE
		UT	RCAJR-25 TO RMAJR-4	84-399BL	S-5,ID GEO. 10% S-6,ID OD GEO. 5-20% 3.5" FROM REDUCER S-7, ID CIRC WELD 40-50% S-8, CROSS EDGE GEO. 40-45%	NONE
	13C	PT	RMAJR-4 TO RRHJR-4	84-084BL	NONE	NONE
		PT	RMAJR-4 TO RRHJR-4	84-088BL	NONE	NONE TWO LONG.SEAMS
	13C	UT	RMAJR-4 TO RRHJR-4	84-451BL	S-8,COUNTER BORE GEO.<20%	NONE
		UT	RMAJR-4 TO RRHJR-4	84-452BL	S-8,COUNTER BORE GEO.<20%	NONE TWO LONG.SEAMS
RECIRC"B"	13D	PT	RMBJR-1 TO RREJR-7	84-279BL	NONE	NONE
		PT	RMBJR-1 TO RREJR-7	84-280BL	NONE	NONE REDUCER HAS TWO LONG.SEAMS

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RECIRC."B"	13D	UT	RMBJR-1 TO RREJR-7	84-387BL	NONE	NONE
		UT	RMBJR-1 TO RREJR-7	84-388BL	NONE	NONE REDUCER HAS TWO LONG.SEAMS
	13D	PT	RMBJR-1	84-271BL	NONE	MINOR GRINDING MARKS
		UT	RMBJR-1	84-386BL	NONE	NONE
	13D	PT	RMBJR-1 TO RMBJR-2	84-277BL	NONE	NONE
		UT	RMBJR-1 TO RMBJR-2	84-385BL	S-5,ID GEO 0" TO 33" 10% INT.	NONE
	13D	PT	RMBJR-2	84-272BL	NONE	NONE
		UT	RMBJR-2	84-384BL	S-1,ID OD GEO. 15-20% 360° INT.	NONE
	13D	PT	RMBJR-2 TO RMBJR-3	84-284BL	NONE	MINOR GRINDING MARKS ON WELD
		UT	RMBJR-2 TO RMBJR-3	84-389BL	S-5,OD GEO. 0" TO 58" 10% S-6,ID GEO. 0" TO 58" 12%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13D	PT	RMBJR-3	84-854BL	NONE	NONE
		UT	RMBJR-3	84-916BL	NONE	L-WAVE EXAM
		UT	RMBJR-3	84-1426BL	S-2,ID GEO. 30% 360° INT. OD GEO. < 20% 360° INT. S-3,ID GEO. 12:00 <20% LONG. SEAM S-4,ID GEO. 12:00 < 20% LONG. SEAM S-3S,OD GEO. < 20% 360° INT. S-4S,ID GEO. < 20% 360° INT.	NO S-1,S-1S OR S-2S DUE TO CONFIGURATION OF CROSS
	13D	PT	RMBJR-3 TO RMBJR-3A	84-075BL	NONE	ID STAMP ON WELD
		UT	RMBJR-3 TO RMBJR-3A	84-462BL	NONE	NONE
	13D	PT	RMBJR-3A	84-074BL	NONE	NONE
		UT	RMBJR-3A	84-462BL	S-1,OD GEO. < 20% 360° INT.	S-1, B.E. S-2 LIMITED TO ONE NODE EXAM DUE TO CONFIGURATION
	13D	PT	RMBJR-4	84-093BL	NONE	NONE
		UT	RMBJR-4	84-459BL	S-2,ID GEO. COUNTER BORE 30% 360° INT.	S-1 LIMITED DUE TO OD MISMATCH

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13D	PT	RMBJR-5	84-853BL	NONE	NONE
		UT	RMBJR-5	84-905BL	NONE	L-WAVE EXAM
		UT	RMBJR-5	84-1427BL	S-2,ID OD GEO.<20% 360°INT. S-3,ID OD GEO.<20% 360°INT.	NO S-1,S-1S OR S-2S DUE TO CONFIGURATION CROSS
	13D	PT	RMBJR-5 TO RMBJR-5A	84-076	BL	NONE
		UT	RMBJR-5 TO RMBJR-5A	84-464BL	NONE	NONE
	13D	PT	RMBJR-5A	84-077BL	NONE	NONE
		UT	RMBJR-5A	84-464BL	S-1,OD GEO. 20% 360° INT.	S-1 B.E. S-2 LIMITED TO ONE NODE EXAM DUE TO CONFIGURATION
	13D	PT	RMBJR-5 TO RMBJR-6	84-305BL	NONE	NONE
		UT	RMBJR-5 TO RMBJR-6	84-363BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13D	PT	RMBJR-6	84-291BL	NONE	NONE
		UT	RMBJR-6	84-361BL	S-1,ID GEO. 20% 360° INT. OD GEO. 10% 360° INT.	NONE
	13D	PT	RMBJR-6 TO RMBJR-7	84-304BL	NONE	NONE
		UT	RMBJR-6 TO RMBJR-7	84-364BL	S-5,ID GEO. 30% 360° INT. S-6,ID GEO. 15% 360° INT.	NONE
	13D	PT	RMBJR-7	84-292BL	NONE	NONE
		UT	RMBJR-7	84-360BL	S-1,OD GEO. 8:00 TO 9:00 INT. 25%	S-2 LIMITED DUE TO CONFIGURATION MINOR OD MISMATCH
	13D	PT	RMBJR-7 TO RRAJR-7	84-301BL	NONE	NONE
		PT	RMBJR-7 TO RRAJR-7	84-302BL	NONE	NONE
	13D	UT	RMBJR-7 TO RRAJR-7	84-365BL	NONE	NONE
		UT	RMBJR-7 TO RRAJR-7	84-371BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13D	PT	RCBJR-23 TO RMBJR-4	84-070BL	NONE	NONE
		UT	RCBJR-23 TO RMBJR-4	84-460BL	S-5,OD GEO.<20% INT.	NONE
	13D	PT	RMBJR-4 TO RRCJR-4	84-085BL	NONE	NONE
		PT	RMBJR-4 TO RRCJR-4	84-086BL	NONE	NONE
		UT	RMBJR-4 TO RRCJR-4	84-463BL	S-6,ID GEO. < 20%	NONE
		UT	RMBJR-4 TO RRCJR-4	84-465BL	S-5,ID GEO. < 20% S-6,ID GEO. < 20%	NONE
RECIRC. RISERS						
RISER F	13C	PT UT UT	RRFJR-3 RRFJR-3 RRFJR-3	84-1075BL 84-1096BL 84-1415BL	NONE NONE S-1,ID GEO. 20% INT. OD GEO. 25% INT. S-2, ID OD GEO.<20% INT. S-3, OD GEO.<20% S-4,OD GEO. < 20% S-4S,OD GEO.<20%	NONE L-WAVE EXAM LIMITED S-2 DUE TO TAPER ON S.E.

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RISER F	13C	PT	RRFJR-4	84-1116BL	NONE	NONE
		UT	RRFJR-4	84-1119BL	NONE	L-WAVE EXAM
		UT	RRFJR-4	84-1433BL	S-2,ID GEO. 20% INT.	NONE
	13C	PT	RRFJR-4 TO RRFJR-5	84-312BL	NONE	NONE
		UT	RRFJR-4 TO RRFJR-5	84-409BL	NONE	NONE
	13C	PT	RRFJR-5	84-310BL	NONE	NONE
		UT	RRFJR-5	84-408BL	S-1,ID GEO. 5-20% INT. OD GEO. 5-20% REDIRECTED BEAM FROM ID S-1S,ID OD GEO. 5-10% INT. S-2S,ID OD GEO. 5-10% INT. S-3S,ID OD GEO. 10% INT. S-4S,ID GEO. 10%	NONE
	13C	PT	RRFJR-5 TO RRFJR-6	84-313BL	NONE	NONE
		UT	RRFJR-5 TO RRFJR-6	84-407BL	S-7,OD GEO. 10% S-8,OD GEO. 10% INT. S-5S,OD GEO. 10% S-6S,OD GEO. 10%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RISER F	13C	PT UT	RRFJR-6 RRFJR-6	84-309BL 84-404BL	NONE S-1,ID OD GEO. 5-25% INT. S-2,ID GEO. 8-20% INT. OD GEO. 8-20% INT. BEAM FROM ID S-4,ID OD GEO. 10% S-1S,ID OD GEO. 10% S-2S,ID GEO. 8-15% S-3S,ID OD GEO. 10% S-4S,OD GEO. 10%	NONE NONE
	13C	PT	RRFJR-6 TO RRFJR-7	84-314BL	NONE	NONE
		UT	RRFJR-6 TO RRFJR-7	84-406BL	S-5,ID OD GEO. 8-15% INT. S-6,ID OD GEO. 8-15% INT. S-7,ID GEO. 10% CIRC WELD S-8,ID OD GEO. 10-20% CIRC WELD	NONE
	13C	PT UT	RRFJR-7 RRFJR-7	84-308BL 84-405BL	NONE S-1,ID GEO. 5-10% INT. OD GEO. 5-10% REDIRECTED BEAM FROM ID COUNTER BORE S-2,ID GEO. 10-50% INT. OD GEO. 10-50% REDIRECTED BEAM FROM ID COUNTER BORE S-4,OD GEO. 10% LONG.SEAM S-1S,ID OD GEO. 10% S-2S,ID GEO. 10% S-3S,ID OD GEO. 10% S-4S,OD GEO. 10%	NONE S-1 BE DUE TO CONFIGURATION REDUCER

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER G	13C	PT	RRGJR-3	84-1070BL	NONE	NONE
		UT	RRGJR-3	84-1082BL	NONE	L-WAVE EXAM
		UT	RRGJR-3	84-1416BL	S-1,ID OD GEO.<20% INT. S-2,ID OD GEO. 20% INT. 2ND ID OD GEO.<20% INT. S-3S,ID GEO. < 20% S-4S,OD GEO. < 20%	LIMITED S-2 DUE TO TAPER ON S.E.
	13C	PT	RRGJR-4	84-1073BL	NONE	NONE
		UT	RRGJR-4	84-1097BL	NONE	L-WAVE EXAM
		UT	RRGJR-4	84-1432BL	S-1,ID GEO. < 20% INT. S-2,ID GEO. 20% INT.	NONE
	13C	PT	RRGJR-4 TO RRGJR-5	84-317BL	NONE	NONE
		UT	RRGJR-4 TO RRGJR-5	84-411BL	S-10,ID GEO. 8% S-11,ID OD GEO.-PIPE EDGE	NONE
	13C	PT	RRGJR-5	84-311BL	NONE	NONE
		UT	RRGJR-5	84-410BL	NONE	NO S-1,S-1S & S-2S DUE TO CONFIGURATION

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER H	13C	PT	RRHJR-3	84-1069BL	NONE	NONE
		UT	RRHJR-3	84-1079BL	NONE	L-WAVE EXAM
		UT	RRHJR-3	84-1417BL	S-1,ID OD GEO. 50% INT. S-2,ID OD GEO. < 20% INT. S-3S,OD GEO. < 20% S-4S,OD GEO. < 20%	S-2 LIMITED, TAPER ON SAFE END
	13C	PT	RRHJR-4	84-1072BL	NONE	NONE
		UT	RRHJR-4	84-1098BL	NONE	L-WAVE EXAM
		UT	RRHJR-4	84-1431BL	S-1,OD GEO. < 20% INT. S-2,ID GEO.<20%	NONE
RISER J	13C	PT	RRJJR-3	84-1131BL	NONE	NONE
		UT	RRJJR-3	84-1136BL	NONE	L-WAVE EXAM
		UT	RRJJR-3	84-1393BL	S-1,ID OD GEO. INT. S-2,ID OD GEO. 20-22% INT. S-4S, OD GEO. < 20%	S-2 LIMITED DUE TO TAPER ON SAFE END
	13C	PT	RRJJR-4	84-1146BL	NONE	NONE
		UT	RRJJR-4	84-1137BL	NONE	L-WAVE EXAM
		UT	RRJJR-4	84-1430BL	S-2,ID GEO. 23% INT.	NONE
	13C	PT	RRJJR-4 TO RRJJR-5	84-338BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT) RISER J						
	13C	UT	RRJJR-4 TO RRJJR-5	84-398BL	S-9,ID GEO. 10% S-11,PIPE EDGE GEO. S-12,ID GEO. 10% S-10S,ID GEO. 10%	NONE
	13C	PT UT	RRJJR-5 RRJJR-5	84-339BL 84-403BL	NONE S-2,ID OD GEO. 10% INT.	NONE NO S-1,S-1S & S-2S DUE TO CONFIGURATION
RISER K	13C	PT UT UT	RRKJR-3 RRKJR-3 RRKJR-3	84-1210BL 84-1268BL 84-1394BL	NONE NONE S-1,ID OD GEO. 20-35% INT. S-2,ID OD GEO. 20-25% INT. S-1S,OD GEO. < 20% INT. S-2S,OD GEO. < 20% INT. S-3S,OD GEO. < 20% INT. S-4S,OD GEO. < 20% INT.	NONE L-WAVE EXAM LIMITED SCAN DUE TO TAPER ON SAFE END
	13C	PT UT UT	RRKJR-4 RRKJR-4 RRKJR-4	84-1114BL 84-1120BL 84-1429BL	NONE NONE S-2,ID GEO. 30% INT. OD GEO. < 20%	NONE L-WAVE EXAM NONE
	13C	PT	RRKJR-4 TO RRKJR-5	84-330BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER K	13C	UT	RRKJR-4 TO RRKJR-5	84-395BL	S-9,ID OD GEO. 5-10% S-11,PIPE EDGE GEO. 30-35% S-12,ID GEO. 10% S-12S,PIPE EDGE GEO.	NONE
	13C	PT	RRKJR-5	84-332BL	ONE LINEAR FOUR ROUNDED	NONE
		PT	RRKJR-5	84-432BLR	NONE, INDICATIONS BUFFED OUT	NONE
		UT	RRKJR-5	84-394BL	S-1,ID OD GEO. 5-10% INT. S-2,ID OD GEO. 10-15% INT. S-3,ID OD GEO. L.S. 5-10% S-1S,ID OD GEO. 12:00 5-10% S-2S,ID GEO. 12:00 5%	NONE
	13C	PT	RRKJR-5 TO RRKJR-6	84-331BL	NONE	NONE
		UT	RRKJR-5 TO RRKJR-6	84-396BL	S-6,OD GEO. 5-10% S-7,ID OD GEO. 5-10% S-8,ID OD GEO. 8-15%	OD TRIPS DUE TO REDIRECTED BEAM FROM COUNTER BORE
	13C	PT	RRKJR-6	84-329BL	NONE	NONE
		UT	RRKJR-6	84-397BL	S-1,ID OD GEO. 10-15% INT. S-2,ID OD GEO. 5-20% INT.	OD TRIPS DUE TO REDIRECTED BEAM FROM COUNTER BORE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER K	13C	PT	RRKJR-6 TO RRKJR-7	84-333BL	NONE	NONE
		UT	RRKJR-6 TO RRKJR-7	84-401BL	S-5,ID OD GEO. 8-15% INT. S-6,ID OD GEO. 8-15% INT. S-5S,ID GEO. 10% INT. S-6S,ID OD GEO. 8-15% CIRC WELD S-7S,ID GEO. 10% S-8S,ID GEO 10%	NONE
	13C	PT	RRKJR-7	84-337BL	ONE LINEAR FOUR ROUNDED	NONE
		PT	RRKJR-7	84-435BLR	NONE, INDICATIONS BUFFED OUT	NONE
		UT	RRKJR-7	84-402BL	S-1,ID OD GEO. 8-15% OD GEO. REDIRECTED BEAM FROM I.D. S-2,ID OD GEO. 5-10% INT. S-3,OD GEO. 10% LONG.SEAM S-1S,ID OD GEO. 5-10% INT. S-2S,OD GEO. 10% INT. S-3S,OD GEO. 10% S-4S,ID OD GEO. 10%	S-1 B.E. DUE TO CONFIGURATION
RISER A	13D	PT	RRAJR-3	84-1085BL	NONE	NONE
		UT	RRAJR-3	84-1092BL	NONE	L-WAVE EXAM
		UT	RRAJR-3	84-1386BL	S-1,ID GEO. < 20% INT. OD GEO. 20% INT. S-2,ID GEO. 20% INT.	S-2 LIMITED DUE TO TAPER OF SAFE END

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER A	13D	PT	RRAJR-4	84-1086BL	NONE	NONE
		UT	RRAJR-4	84-1093BL	NONE	L-WAVE EXAM
		UT	RRAJR-4	84-1434BL	NONE	NONE
	13D	PT	RRAJR-4 TO RRAJR-5	84-298BL	NONE	NONE
		UT	RRAJR-4 TO RRAJR-5	84-420BL	NONE	NONE
	13D	PT	RRAJR-5	84-295BL	NONE	NONE
		UT	RRAJR-5	84-415BL	S-1,ID OD GEO. 10-20% 360° INT.	NONE
	13D	PT	RRAJR-5 TO RRAJR-6	84-299BL	NONE	STAMP ON WELD
		UT	RRAJR-5 TO RRAJR-6	84-417BL	NONE	NONE
	13D	PT	RRAJR-6	84-294BL	NONE	NONE
		UT	RRAJR-6	84-421BL	S-2,ID OD GEO. 15-30% 360° INT.	

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER A	13D	PT	RRAJR-6 TO RRAJR-7	84-300BL	NONE	NONE
		UT	RRAJR-6 TO RRAJR-7	84-416BL	S-5,ID OD GEO. 0" TO 40" 10-15% INT. S-6,ID OD GEO. 0" TO 40" 10% INT.	NONE
	13D	PT	RRAJR-7	84-293BL	NONE	NONE
		UT	RRAJR-7	84-422BL	S-1,ID OD GEO. 15-30% 360° INT. S-2,ID OD GEO. 10-30% 360° INT.	S-1 LIMITED TO 2" DUE TO REDUCER CONFIGURATION
RISER B	13D	PT	RRBJR-3	84-1056BL	NONE	NONE
		UT	RRBJR-3	84-1062BL	NONE	L-WAVE EXAM
		UT	RRBJR-3	84-1385BL	S-1,ID OD GEO. 25-40% INT. S-2,ID OD GEO. 20-25% INT. S-2S,OD GEO. < 20%	S-2 LIMITED DUE TO TAPER ON SAFE ENDS
	13D	PT	RRBJR-4	84-1115BL	NONE	STENCIL PUNCH MARKS, TOE TO WELD 8:00 TO 9:30
		UT	RRBJR-4	84-1121BL	NONE	L-WAVE EXAM
		UT	RRBJR-4	84-1435BL	S-2,ID OD GEO.<20% INT.	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER B	13D	PT	RRBJR-4 TO RRBJR-5	84-303BL	NONE	NONE
		UT	RRBJR-4 TO RRBJR-5	84-419BL	NONE	NONE
	13D	PT	RRBJR-5	84-296BL	NONE	NONE
		UT	RRBJR-5	84-418BL	S-1,ID OD GEO. 10-20% 360° INT. S-2,ID GEO 15% 360° INT.	S-1 LIMITED 3:00 & 9:00 DUE TO CONFIGURATION
RISER C	13D	PT	RRCJR-3	84-1055BL	NONE	NONE
		UT	RRCJR-3	84-1063BL	NONE	L-WAVE EXAM
		UT	RRCJR-3	84-1387BL	S-1,ID OD GEO. 20-30% INT. S-2,ID GEO. 20% INT.	S-2 LIMITED DUE TO TAPER ON SAFE END
	13D	PT	RRCJR-4	84-1052BL	NONE	NONE
		UT	RRCJR-4	84-1064BL	NONE	L-WAVE EXAM
		UT	RRCJR-4	84-1436BL	S-1,OD GEO. 20-23% INT.	
RISER D	13D	PT	RRDJR-3	84-1077BL	NONE	NONE
		UT	RRDJR-3	84-1094BL	NONE	L-WAVE EXAM
		UT	RRDJR-3	84-1371BL	S-1,ID GEO. < 20% INT. OD GEO. <20% INT. S-2,ID OD GEO. 20-35% INT. S-1S,OD GEO.<20%	S-2 LIMITED DUE TO TAPER OF SAFE END

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER D	13D	PT	RRDJR-4	84-1074BL	NONE	NONE
		UT	RRDJR-4	84-1081BL	NONE	L-WAVE EXAM
		UT	RRDJR-4	84-1437BL	S-2,OD GEO. 20% INT.	NONE
	13D	PT	RRDJR-4 TO RRDJR-5	84-278BL	ONE LINEAR	NONE
		PT	RRDJR-4 TO RRDJR-5	84-353BLR	NONE LINEAR BUFFED OUT	NONE
		UT	RRDJR-4 TO RRDJR-5	84-413BL	S-9,ID GEO. 12% 0" TO 6" INT. OD GEO. 10% 0" TO 6" INT. S-10,ID GEO. 12% 0" TO 6" INT. OD GEO. 10% 0" TO 6" INT.	NONE
	13D	PT	RRDJR-5	84-276BL	NONE	NONE
		UT	RRDJR-5	84-414BL	S-1,ID OD GEO. 15-20% 360° INT. S-2,ID OD GEO. 10-15% 360° INT.	SCANS LIMITED AT 3:00 & 9:00 DUE TO CONFIGURATION
RISER E	13D	PT	RREJR-3	84-1076BL	NONE	NONE
		UT	RREJR-3	84-1095BL	NONE	L-WAVE EXAM
		UT	RREJR-3	84-1372BL	S-1,ID OD GEO. < 20% S-2,ID OD GEO. < 20% S-4,STANDING WAVE < 20%	S-2 LIMITED DUE TO TAPER ON SAFE END

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
RISER E	13D	PT	RREJR-4	84-1078BL	NONE	NONE
		UT	RREJR-4	84-1080BL	NONE	L-WAVE EXAM
		UT	RREJR-4	84-1438BL	S-2,OD GEO. < 20%	NONE
	13D	PT	RREJR-4 TO RREJR-5	84-282BL	NONE	NONE
		UT	RREJR-4 TO RREJR-5	84-458BL	S-9,OD GEO. < 20% 360° INT. S-10,OD GEO.<20% 360° INT.	NONE
	13D	PT	RREJR-5	84-275BL	NONE	NONE
		UT	RREJR-5	84-455BL	S-1,ID OD GEO.30% 360°INT. S-2,OD GEO. < 20% 360° INT.	OD MISMATCH LIMITS S-1
	13D	PT	RREJR-5 TO RREJR-6	84-283BL	NONE	NONE
		UT	RREJR-5 TO RREJR-6	84-412BL	S-5,ID GEO. 10% 0" TO 38" INT.	NONE
	13D	PT	RREJR-6	84-274BL	NONE	NONE
		UT	RREJR-6	84-456BL	S-1,ID OD GEO. 30% 360°INT. S-2,ID OD GEO. 40% 360°INT. S-1S, OD GEO. <20% S-2S,OD GEO. < 20% S-3S,OD GEO. < 20% S-4S,OD GEO. <20%	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.11 & 9.12 (CONT)						
	13D	PT	RREJR-6 TO RREJR-7	84-281BL	NONE	NONE
		UT	RREJR-6 TO RREJR-7	84-454BL	S-5,OD GEO.<20% INT. S-6,OD GEO. < 20% INT. S-7,COUNTER BORE GEO.20%	NONE
	13D	PT UT	RREJR-7 RREJR-7	84-273BL 84-457BL 84-446BL	NONE S-1,ID GEO. COUNTER BORE 20% OD GEO. LONG.SEAM 20%	NONE S-1,B.E. DUE TO OD MISMATCH
B9.21 & 9.22 <u>CIRCUMFERENTIAL AND LONGITUDINAL WELDS</u>						
STANDBY LIQUID CONTROL	22	PT PT PT	CPAJR-3 CPAJR-4 CPAJR-6	84-931BL 84-932BL 84-933BL	NONE NONE NONE	NONE NONE NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.30 BRANCH CONNECTIONS WELDS B9.31 NOMINAL PIPE SIZE GREATER THAN 2"						
RWCU	9	PT	CWAJR-1	84-029BL	NONE	NONE
		UT	CWAJR-1	84-903BL	NONE	NO S-2,S-3S AND S-4S DUE TO CONFIGURATION
RHR "A"	11A	MT	RHAJR-8	84-1356BL	NONE	NONE
		UT	RHAJR-8	84-1359BL	NONE	L-WAVE EXAM NO SCANS ON 4" PIPE
		UT	RHAJR-8	84-1361BL	S-1,ID GEO. < 20% DAC AT 12.00 & 6.00 S-3,ID GEO. < 20% DAC AT 6.00	NO S-2 DUE TO CONFIGURATION OF BRANCH CONNECTIONS
	11A	MT	RHAJR-13	84-1350BL	NONE	NONE
		UT	RHAJR-13	84-1358BL	NONE	L-WAVE EXAM NO SCANS ON 4" PIPE
		UT	RHAJR-13	84-1360BL	NONE	NO S-2 DUE TO CONFIGURATION OF BRANCH CONNECTIONS

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.30 & 9.31 (CONT)						
	11A	MT	RHEJ-20	84-1174BL	NONE	MACHINING MARKS FROM 9.00 TO 12.00
		UT	RHEJ-20	84-1177BL	NONE	L-WAVE EXAM
		UT	RHEJ-20	84-1178BL	NONE	NONE NO S-2 DUE TO CONFIGURATION
RHR "B"	11B	MT	RHBJR-9	84-1352BL	NONE	NONE
		UT	RHBJR-9	84-1362BL	NONE	L-WAVE EXAM NO EXAM FROM 4" SIDE
		UT	RHBJR-9	84-1369BL	NONE	NO S-2 DUE TO CONFIGURATION
	11B	MT	RHBJR-20	84-1354BL	NONE	EXAM LIMITED FROM 2.00 TO 4.00 DUE TO U-BOLT
		UT	RHBJR-20	84-1365BL	NONE	NO EXAM FROM 4" SIDE
		UT	RHBJR-20	84-1366BL	NONE	L-WAVE EXAM NO S-2 DUE TO CONFIGURATION
	11B	MT	RHEJ-37	84-1175BL	NONE	NONE
		UT	RHEJ-37	84-1179BL	NONE	L-WAVE EXAM
		UT	RHEJ-37	84-1264BL	S-1,ID GEO. @ 12.00	NONE NO S-2 DUE TO CONFIGURATION

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B9.30 & 9.31 (CONT)						
RHR "C"	11C	MT	RHCJR-9	84-1346BL	NONE	NONE
		UT	RHCJR-9	84-1363BL	NONE	L-WAVE EXAM NO EXAM FROM 4" SIDE
		UT	RHCJR-9	84-1368BL	NONE	NO S-2 DUE TO CONFIGURATION
	11C	MT	RHCJR-20	84-1349BL	NONE	NONE
		UT	RHCJR-20	84-1364BL	NONE	L-WAVE EXAM NO EXAM FROM 4" SIDE
		UT	RHCJR-20	84-1367BL	NONE	NO S-2 DUE TO CONFIGURATION
	11C	MT	RHEJ-1	84-961BL	NONE	NONE
		UT	RHEJ-1	84-956BL	NONE	L-WAVE EXAM NO SCAN FROM 4" SIDE
		UT	RHEJ-1	84-958BL	OD GEO. 360° INTERMITTENT 50% DAC MAX.	NO S-2 DUE TO CONFIGURATION
B9.32 NOMINAL PIPE SIZE 2" AND LESS						
RECIRC.DRAIN A & B	26	PT	RCAJR-13	84-045BL	NONE	NONE
		PT	RCAJR-18	84-608BL	NONE	NONE
		PT	RCBJR-11	84-681BL	NONE	NONE
		PT	RCBJR-16	84-037BL	NONE	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B10.10 INTEGRALLY WELDED ATTACHMENTS AND B11.10 COMPONENT SUPPORTS						
RWCU	9	VT	CWAK-14	84-1630BL	NONE	NONE
RECIRC A	13A	PT	RCAKR-12A W-1	84-738BL	NONE	NONE
		PT	RCAKR-12A W-2	84-740BL	NONE	NONE
		PT	RCAKR-12A W-3	84-739BL	NONE	NONE
		PT	RCAKR-12A W-4	84-741BL	NONE	NONE
	13A	VT	RCAKR-12A	84-1542BL	LOOSE NUT	NONE
		VT	RCAKR-12A	84-1542BLR	NONE-NUT TIGHTENED	NONE
	13A	PT	RCAKR-16	84-1579BL	NONE	NONE
		VT	RCAKR-16	84-1543BL	NONE	NONE
	13A	PT	RCAKR-18	84-1578BL	NONE	NONE
		VT	RCAKR-18	84-1544BL	NONE	NONE
	13A	PT	RCAKR-21	84-015BL	ONE LINEAR	NONE
		PT	RCAKR-21	84-153BLR	NONE LINEAR BUFFED OUT	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRC A (CONT)						
	13A	PT	RCAKR-33A W-8	84-712BL	ONE LINEAR	NONE
		PT	RCAKR-33A W-8	84-790BLR	NONE LINEAR BUFFED OUT	NONE
	13A	PT	RCAKR-33A W-9	84-708BL	MULTIPLE LINEARS	NONE
		PT	RCAKR-33A W-9	84-800BLR	NONE LINEARS BUFFED OUT	NONE
	13A	PT	RCAKR-33A W-10	84-778BL	NONE	NONE
	13A	PT	RCAKR-33A W-11	84-791BL	NONE	NONE
	13A	VT	RCAKR-33A	84-1546BL	LOOSE NUT	NONE
		VT	RCAKR-33A	84-1546BLR	NONE NUT TIGHTENED	NONE
RECIRCULATION PUMP A						
	13A SHT.2	VT	PHAR-3	84-1535BL	NONE	NONE
	13A SHT.2	VT	PHAR-4	84-1537BL	LOOSE NUT	NONE
		VT	PHAR-4	84-1537BLR	NONE NUT TIGHTENED	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRCULATION PUMP A (CONT)						
	13A SHT.2	VT	PHAR-5	84-1536BL	NONE	NONE
	13A SHT.2	VT	PSSAR-4A	84-1539BL	NONE	NONE
	13A SHT.2	VT	PSSAR-4B	84-1540BL	NONE	NONE
	13A SHT.2	VT	PSSAR-5	84-1541BL	NONE	NONE
	13A SHT.2	VT	RCAKR-22	84-1533BL	NONE	NONE
	13A SHT.2	VT	RCAKR-24A	84-1534BL	NONE	NONE
	13A SHT.2	VT	RCAKR-24B	84-1538BL	NONE	NONE
RECIRC B	13B	PT	RCBKR-10A W-1	84-744BL	TWO LINEARS	NONE
		PT	RCBKR-10A W-1	84-754BL	NONE LINEARS REMOVED	NONE
	13B	PT	RCBKR-10A W-2	84-733BL	TWO LINEARS	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRC B (CONT)						
		PT	RCBKR-10A W-2	84-753BL	NONE LINEARS REMOVED	NONE
	13B	PT	RCBKR-10A W-3	84-749BL	NONE	NONE
	13B	PT	RCBKR-10A W-4	84-707BL	MULTIPLE LINEARS	NONE
		PT	RCBKR-10A W-4	84-755BL	NONE LINEARS REMOVED	NONE
	13B	VT	RCBKR-10A	84-1553BL	LOOSE NUTS	NONE
		VT	RCBKR-10A	84-1553BLR	NONE NUTS TIGHTENED	NONE
	13B	PT	RCBKR-14	84-1580BL	NONE	NONE
		VT	RCBKR-14	84-1555BL	NONE	NONE
	13B	PT	RCBKR-16	84-1581BL	NONE	NONE
		VT	RCBKR-16	84-1557BL	NONE	NONE
	13B	PT	RCBKR-19	84-031BL	NONE	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRC B (CONT)						
	13B	PT	RCBKR-32A W-8	84-759BL	FOUR ROUNDED	NONE
		PT	RCBKR-32A W-8	84-780BLR	ONE LINEAR	NONE
		PT	RCBKR-32A W-8	84-825BLR	NONE LINEAR REMOVED	NONE
	13B	PT	RCBKR-32A W-9	84-757BL	ONE LINEAR	NONE
		PT	RCBKR-32A W-9	84-772BLR	ONE LINEAR	NONE
		PT	RCBKR-32A W-9	84-816BLR	NONE LINEAR REMOVED	NONE
		PT	RCBKR-32A W-10	84-760BL	MULTIPLE LINEARS	NONE
		PT	RCBKR-32A W-10	84-777BLR	NONE LINEARS REMOVED	NONE
		PT	RCBKR-32A W-11	84-768BL	NONE	NONE
RECIRCULATION PUMP B						
	13B SHT.2	VT	PHBR-3	84-1568BL	NONE	NONE
	13B SHT.2	VT	PHBR-6	84-1567BL	NONE	NONE

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRCULATION PUMP B (CONT)	13B SHT.2	VT	PHBR-7	84-1566BL	NONE	NONE
	13B SHT.2	VT	PSSBR-4A	84-1561BL	NONE	NONE
	13B SHT.2	VT	PSSBR-4B	84-1562BL	NONE	NONE
	13B SHT.2	VT	PSSBR-5	84-1558BL	NONE	NONE
	13B SHT.2	VT	RCBKR-20	84-1565BL	NONE	NONE
	13B SHT.2	VT	RCBKR-25	84-1563BL	NONE	NONE
	13B SHT.2	VT	RCBKR-25A	84-1564BL	NONE	NONE
RECIRC MANIFOLD "A"	13C	PT	RMAKR-4	84-1583BL	NONE	NONE
		VT	RMAKR-4	84-1532BL	NONE	NONE
	13C	PT	RMAKR-6	84-1586BL	NONE	NONE
		VT	RMAKR-6	84-1530BL	NONE	NONE
	13C	PT	RMAKR-13	84-1584BL	NONE	NONE
		VT	RMAKR-13	84-1531BL	NONE	NONE
	13C	PT	RMAKR-13B	84-1585BL	NONE	NONE
		VT	RMAKR-13B	84-1545BL	NONE	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRCULATION MANIFOLD B						
	13D	PT	RMBKR-4	84-1593BL	NONE	NONE
		VT	RMBKR-4	84-1549BL	NONE	NONE
	13D	PT	RMBKR-6A	84-1595BL	NONE	NONE
		VT	RMBKR-6A	84-1556BL	NONE	NONE
	13D	PT	RMBKR-13	84-1594BL	NONE	NONE
		VT	RMBKR-13	84-1550BL	NONE	NONE
	13D	PT	RMBKR-13C	84-1596BL	NONE	NONE
		VT	RMBKR-13C	84-1551BL	NONE	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
B11.10 COMPONENT SUPPORTS						
RWCU	9	VT	CWAK-11	84-1629BL	NONE	NONE
RHR REW10	11A	VT	RHAKR-8	84-1504BL	NO WEEP HOLE	NONE
		VT	RHAKR-8	84-1504BLR	NONE WEEP HOLE INSTALLED	NONE
	11A	VT	RHAKR-13	84-1501BL	NONE	NONE
	11A	VT	RHAKR-14	84-1500BL	NONE	NONE
	11A	VT	RHAKR-19	84-1503BL	NONE	NONE
	11A	VT	RHAKR-22	84-1502BL	NONE	NONE
RHR TW20	11B	VT	RHBKR-10	84-1499BL	NONE	NONE
	11B	VT	RHBKR-12	84-1498BL	NOT ATTACHED TO WALL	NONE
		VT	RHBKR-12	84-1498BLR	NONE ATTACHED TO WALL	NONE
	11B	VT	RHBKR-18	84-1497BL	NO WEEP HOLE	NONE
		VT	RHBKR-18	84-1497BLR	NONE WEEP HOLE INSTALLED	NONE
	11B	VT	RHBKR-23	84-1496BL	NONE	NONE
RHR TW30	11C	VT	RHCKR-9	84-1493BL	NOT ATTACHED TO WALL	NONE
		VT	RHCKR-9	84-1493BLR	NONE ATTACHED TO WALL	NONE
	11C	VT	RHCKR-10	84-1494BL	NONE	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RHR TW30 (CONT)						
	11C	VT	RHCKR-17A	84-1492BL	NO WEEP HOLE	NONE
		VT	RHCKR-17A	84-1492BLR	NONE WEEP HOLE INSTALLED	NONE
	11C	VT	RHCKR-24	84-1495BL	NO WEEP HOLE	NONE
		VT	RHCKR-24	84-1495BLR	NONE WEEP HOLE INSTALLED	NONE
RHR TW40		VT	RHEK-10	84-1508BL	NONE	NONE
		VT	RHEK-12	84-1505BL	NONE	NONE
		VT	RHEK-23	84-1507BL	NONE	NONE
		VT	RHEK-25	84-1506BL	NONE	NONE
RECIRC A	13A	VT	RCAK-6	84-1486BL	NONE	NONE
	13A	VT	RCAK-12	84-1483BL	NONE	NONE
	13A	VT	RCAKR-12B	84-1529BL	NONE	NONE
	13A	VT	RCAKR-29	84-1547BL	LOOSE NUT	NONE
		VT	RCAKR-29	84-1547BLR	NONE NUT TIGHTENED	NONE
	13A	VT	RCAKR-30A	84-1548BL	NONE	NONE
	13A	VT	RCAK-33	84-1627BL	NONE	NONE
	13A	VT	RCAKR-33B	84-1528BL	NONE	NONE
	13A	VT	RCAK-34	84-1626BL	NONE	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRC B	13B	VT	RCBK-8	84-1482BL	NONE	NONE
	13B	VT	RCBK-10	84-1489BL	NONE	NONE
	13B	VT	RCBKR-10B	84-1552BL	NONE	NONE
	13B	VT	RCBKR-27	84-1560BL	LOOSE NUT	NONE
		VT	RCBKR-27	84-1560BLR	NONE NUT TIGHTENED	NONE
	13B	VT	RCBKR-29	84-1559BL	NONE	NONE
	13B	VT	RCBK-32	84-1625BL	NONE	NONE
	13B	VT	RCBKR-32A	84-1554BL	NONE	NONE
	13B	VT	RCBKR-32B	84-1569BL	NONE	NONE
	13B	VT	RCBK-33	84-1624BL	NONE	NONE
RECIRC MANIFOLD A	13C	VT	RMAK-11	84-1485BL	NONE	NONE
RECIRC MANIFOLD B	13D	VT	RMBK-13A	84-1484BL	NONE	NONE
RECIRC RISERS "A"	13C	VT	RRFK-6	84-1477BL	NONE	NONE
	13C	VT	RRGK-6	84-1478BL	NONE	NONE
	13C	VT	RRHK-6	84-1479BL	LOOSE NUTS	NONE
		VT	RRHK-6	84-1479BLR	NONE NUTS TIGHTENED	NONE

NORTHERN STATES POWER COMPANY
MONTICELLO NUCLEAR GENERATING PLANT
BASELINE SUMMARY

COMPONENT/SYSTEM	NSP ISO	NDE METHOD	BASELINE IDENT.	REPORT NO.	BASELINE INDICATIONS	EXAMINATION LIMITATIONS
RECIRC RISERS "A" (CONT)						
	13C	VT	RRJK-6	84-1480BL	NONE	NONE
	13C	VT	RRKK-6	84-1481BL	NONE	NONE
RECIRC RISERS "B"	13D	VT	RRAK-6	84-1472BL	LOOSE NUTS	NONE
		VT	RRAK-6	84-1472BLR	NONE NUTS TIGHTENED	NONE
	13D	VT	RRBK-6	84-1473BL	NONE	NONE
	13D	VT	RRCK-6	84-1474BL	NONE	NONE
	13D	VT	RRDK-6	84-1475BL	NONE	NONE
	13D	VT	RREK-6	84-1476BL	NONE	NONE

APPENDIX B

ASME CLASS II EXAMINATIONS

(NO EXAMINATIONS PERFORMED)

APPENDIX C

TABLE I - Personnel Listing

TABLE II - Ultrasonic Calibration Blocks

TABLE III - Procedure Listing

TABLE IV - Equipment and Materials

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE I
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PERSONNEL LISTING

EXAMINER	TITLE	ORGANIZATION	ASNT LEVEL UT	PT	MT	VT	ET	RT
G. R. ADAMS	SUPERVISOR	LMT	III	III	II	III(1c)		
R. G. AUER	TECHNICIAN	LMT	II	II	II	II(1a,1c)		
J E. BIGHAM	TECHNICIAN	LMT	I					
W. D. CARLIN	TECHNICIAN	LMT	I	II		II(1b)		
J. D. ELLIOTT	TECHNICIAN	LMT	II	II	II	II(1b)		
S.R. FETHERSTON	TECHNICIAN	LMT	I		I			
D. A. HALL	TECHNICIAN	LMT	II			II(1c)		
K. L. HALL	TECHNICIAN	LMT	I					
D. E. HARVEY	SUPERVISOR	LMT	III	III	III	III(1a,c)		
R.A.KELLERHALL	SUPERVISOR	LMT	III	III	III	III(1a,c)		
T. KIMBALL	TECHNICIAN	LMT	II	II	II	II(1b) (1c)		
Q. LOREDO	TECHNICIAN	LMT	I					
R. W. PECHACEK	TECHNICIAN	LMT	II	II	II	II(1a,1b)		
K. E. SCRIVNER	TECHNICIAN	LMT	I					
R. A. SEALS	TECHNICIAN	LMT	II	II	II	II(1a,1c)		
E. L. THOMAS	SUPERVISOR	LMT	III	III	III	III(1a,1c)		
R. J. WATKINS	TECHNICIAN	LMT		II		II(1b)		
A. S. WHEALDON	TECHNICIAN	LMT	III	III	III	II(1c)		
L. C. DAHLMAN	MATERIALS AND SPECIAL PROCESS SPECIALIST	NSP	II	III	III	II(1b)		
J. F. SCHANEN	MATERIALS AND SPECIAL PROCESS SPECIALIST	NSP	II	II	II	II(1b)		
R. HUGHES	ANII	HARTFORD STEAM BOILER INSPECTION INSURANCE COMPANY						

EXAMINER	TITLE	ORGANIZATION	ASNT LEVEL UT	PT	MT	VT	ET	RT

FOOTNOTES:

(1a) Certified by NSP to perform visual determination of structural integrity for hangar assemblies in accordance with NSP-VT 2.0.

(1b) Inspection experience and NDE qualifications were determined to be adequate to perform visual examinations in accordance with NSP-VT 1.0.

(1c) Personnel certified in accordance with contractor's Quality Assurance Program.

(2) Organization: Lambert, MacGill, Thomas, Inc. (LMT)
515 Aldo Avenue
Santa Clara, CA 95054

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE II

ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS	MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
4	4"	80 .337"	A106B	L42009	RGA-031BL	9-28-84
					RGA-033BL	9-29-84
					RGA-037BL	9-29-84
					JE-005BL	7-12-84
					DH-026BL	7-25-84
					DH-047BL	9-21-84
					DH-052BL	9-21-84
					DH-055BL	9-25-84
					DH-056BL	9-26-84
					DH-057BL	9-27-84
					DH-061BL	9-29-84
					DH-063BL	9-29-84
					DH-064BL	10-3-84
					DH-086BL	11-30-84
					DH-087BL	12-1-84
					DH-088BL	12-3-84
					DH-089BL	12-1-84
					RK-001BL	7-26-84
					TK-034BL	5-31-84
					TK-035BL	6-1-84
					TK-036BL	6-4-84
					TK-041BL	6-19-84
					TK-065BL	9-13-84
					TK-066BL	9-13-84
					TK-069BL	9-17-84
					TK-070BL	9-19-84
					AW-006BL	6-14-84

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE II
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ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS		MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
8	18"	80	.937"	A106B	122491	RGA-027BL	9-27-84
						DH-031BL	8-6-84
						DH-032BL	8-7-84
						DH-054BL	9-21-84
						DH-058BL	9-28-84
						DH-072BL	10-23-84
						TK-073BL	9-21-84
						AW-012BL	7-13-84
10	16"	80	.843"	A106B	N36809	JE-003BL	7-10-84
						DH-021BL	6-18-84
						DH-022BL	6-18-84
						DH-023BL	7-20-84
						DH-024BL	7-23-84
						DH-025BL	7-24-84
						DH-033BL	8-8-84
						DH-036BL	8-20-84
						DH-073BL	10-23-84
						TK-051BL	8-28-84
						TK-062BL	9-7-84
						TK-064BL	9-11-84
						TK-067BL	9-14-84
						TK-068BL	9-14-84
						TK-074BL	9-21-84
						TK-075BL	9-27-84
						TK-076BL	9-27-84
						AW-007BL	6-27-84
						AW-009BL	7-11-84
						AW-010BL	7-16-84

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE II

ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS		MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
11	8"	80	.500"	304 S/S	15885	DH-080BL TK-083BL	11-13-84 11-11-84
12-2	4"	80	.337"	304 S/S	7-73280	RGA-032BL DH-068BL	9-28-84 10-20-84
36	10" & 13.43"	80	.491" & .875"	B166	BGM	DH-077BL DH-079BL	11-11-84 11-12-84
62	22"	80	.919"	316 S/S	13549	DH-005BL DH-006BL DH-007BL DH-020BL DH-081BL TK-037BL TK-058BL RS-002BL RS-005BL	3-22-84 3-21-84 3-20-84 6-14-84 11-13-84 6-7-84 9-5-84 3-4-84 3-26-84
63	28"	80	1.015"	316 S/S	32681	RGA-028BL RGA-034BL DH-009BL DH-010BL DH-011BL DH-012BL DH-037BL DH-051BL	9-27-84 9-29-84 4-2-84 4-3-84 4-4-84 4-5-84 8-21-84 9-17-84

NORTHERN STATES POWER COMPANY

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ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS	MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
63 (Cont)					DH-069BL	10-20-84
					DH-082BL	11-14-84
					DH-083BL	11-15-84
					DH-084BL	11-16-84
					DH-085BL	11-16-84
					TK-002BL	3-22-84
					TK-004BL	4-2-84
					TK-005BL	4-3-84
					TK-006BL	4-4-84
					TK-011BL	4-7-84
					TK-033BL	5-29-84
					TK-038BL	6-7-84
					TK-040BL	6-15-84
					TK-042BL	8-1-84
					TK-047BL	8-20-84
					TK-055BL	8-30-84
					TK-060BL	9-5-84
					TK-063BL	9-10-84
					TK-071BL	9-19-84
					TK-072BL	9-20-84
					TK-086BL	11-14-84
					RS-004BL	3-26-84
					RS-006BL	3-30-84
					AW-004BL	5-25-84
					AW-005BL	6-4-84
					AW-008BL	7-9-84
					AW-011BL	7-23-84
					AW-015BL	8-10-84
					AW-016BL	8-24-84

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE II

ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS	MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
64	12"	80 .688"	316 S/S	32657	RGA-029BL	9-28-84
					DH-008BL	3-24-84
					DH-042BL	8-30-84
					DH-043BL	9-4-84
					DH-046BL	9-10-84
					DH-048BL	9-13-84
					TK-001BL	3-23-84
					TK-003BL	3-24-84
					TK-059BL	9-5-84
					TK-081BL	11-9-84
					TK-082BL	11-10-84
					TK-084BL	11-12-84
					TK-085BL	11-13-84
					RS-001BL	3-27-84
					RS-003BL	3-23-84
65	16"	80 .681"	316 S/S	13549	DH-003BL	3-16-84
					DH-027BL	7-31-84
					DH-038BL	8-22-84
					DH-067BL	10-19-84
					TK-044BL	8-9-84
					TK-045BL	8-10-84
					TK-046BL	8-10-84
					TK-049BL	8-27-84
					TK-050BL	8-28-84
					AW-013BL	8-7-84
					AW-014BL	8-7-84

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE II

ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS		MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
66	28"	160	2.25"	316 S/S	13515	TK-087BL TK-088BL	11-15-84 11-16-84
67	18"	80	.751"	316 S/S	13549	DH-001BL DH-002BL DH-004BL DH-028BL DH-034BL DH-035BL DH-066BL TK-043BL	3-16-84 3-14-84 3-15-84 7-31-84 8-13-84 8-13-84 10-18-84 8-2-84
70	12"	80	.83" .66"	316 S/S	626390	TGA-030BL DH-040BL DH-041BL DH-049BL DH-050BL DH-074BL DH-075BL DH-076BL DH-078BL DH-056BL DH-057BL	9-28-84 8-28-84 8-30-84 9-13-84 9-13-84 11-9-84 11-9-84 11-10-84 11-12-84 8-30-84 9-4-84

NORTHERN STATES POWER COMPANY

APPENDIX C
TABLE II

ULTRASONIC CALIBRATION BLOCKS

NSP No.	SIZE & DIA.	PIPE SCHEDULE & THICKNESS	MATERIAL	SERIAL OR HEAT NUMBER	CALIBRATION REPORTS	DATE
71	28"	1.6"	316 S/S	13515	DH-070BL TK-048BL TK-089BL	10-21-84 8-24-84 11-16-84
72	5.6"	.875"	A182GRF 316L S/S	82661	RGA-035BL TK-079BL	9-29-84 10-5-84
73/73A		.87"	A-479 316L S/S	A13719	RGA-036BL DH-071BL	9-29-84 10-21-84

NORTHERN STATES POWER COMPANY

MONTICELLO
PROCEDURE LISTING

APPENDIX C
TABLE III

PROCEDURE NUMBER AND REVISION	FIELD CHANGE	PROCEDURE TITLE	PLANT APPROVAL DATE	FIELD CHANGE REMARKS	CHANGE DESCRIPTION
NSP-MT-1 Rev.3	NONE	MAGNETIC PARTICLE EXAMINATION	8-26-82	NONE	
NSP-PT-1 Rev. 3	FC 1 FC 2	L1QUID PENETRANT EXAMINATION	3-6-84 5-21-84		F.C.#1 Change rounded indication reporting requirements, INCREASE DWELL AND DEVELOPMENT TIME. F.C.#2 Re-instate original procedure.
NSP-UT-1 Rev.2	None	ULTRASONIC EXAMINATION OF PIPE WELDS	8-26-82	NONE	
NSP-UT-2 Rev.2	NONE	AUTOMATIC DATA RECORDING	8-26-82	NONE	
NSP-UT-16 Rev.0	NONE	ULTRASONIC EXAMINATION FOR INTERGRANULAR STRESS CORROSION CRACKING (1GSCC)	2-17-84	NONE	
NSP-UT-16 Rev.1	NONE	ULTRASONIC EXAMINATION FOR INTERGRANULAR STRESS CORROSION CRACKING (1GSCC)	3-2-84	NONE	
NSP-VT-1.0 Rev.0	NONE	VISUAL EXAMINATION	8-26-82	NONE	
NSP-VT-2.0 Rev.0	NONE	VISUAL EXAMINATINON OF HANGER ASSEMBLIES	9-2-82	NONE	

NORTHERN STATES POWER COMPANY
MONTICELLO
EQUIPMENT AND MATERIALS

MATERIAL OR EQUIPMENT	TYPE OR SERIAL NUMBER	CALIBRATION DATE OR BATCH NUMBER	REMARKS
ULTRASONIC SCOPES			
NORTEC 131D	S/N 111	12/10/83	OFFSITE 3/10/84
NORTEC 131D	S/N 126	3/13/84	OFFSITE 6/13/84
NORTEC 131D	S/N 129	2/24/84	OFFSITE 4/24/84
NORTEC 131D	S/N 129	4/25/84	OFFISTE 7/25/84
NORTEC 131D	S/N 129	10/18/84	
NORTEC 131D	S/N 167	2/27/84	OFFSITE 5/21/84
NORTEC 131D	S/N 167	5/22/84	OFFSITE 8/21/84
NORTEC 131D	S/N 167	8/23/84	OFFSITE 11/23/84
NORTEC 131D	S/N 269	3/12/84	OFFSITE 6/11/84
NORTEC 131D	S/N 269	6/12/84	OFFSITE 9/12/84
NORTEC 131D	S/N 287	12/29/83	OFFSITE 3/29/84
NORTEC 131D	S/N 287	6/27/84	OFFSITE 9/27/84
NORTEC 131D	S/N 287	10/2/84	OFFSITE 1/2/85
NORTEC 131D	S/N 291	12/21/83	OFFSITE 3/21/83
NORTEC 131D	S/N 311	1/27/84	OFFSITE 4/27/84
NORTEC 131D	S/N 311	10/31/84	
NORTEC 131D	S/N 322	1/26/84	OFFSITE 4/24/84
NORTEC 131D	S/N 322	4/25/84	OFFSITE 5/25/84
NORTEC 131D	S/N 322	6/26/84	OFFSITE 9/26/84
NORTEC 131D	S/N 371	2/27/84	OFFSITE 5/27/84
NORTEC 131D	S/N 410	3/28/84	OFFSITE 6/28/84
NORTEC 131D	S/N 410	9/19/84	OFFSITE 12/19/84
NORTEC 131D	S/N 409	5/21/84	OFFSITE 8/21/84
NORTEC 131D	S/N 417	6/12/84	OFFSITE 9/12/84
NORTEC 131D	S/N 530-B	2/1/84	OFFSITE 4/24/84
NORTEC 131D	S/N 530-B	4/25/84	OFFSITE 7/25/84
ULTRASONIC SCOPES			
SLAVE	S/N 1	3/1/84	
SLAVE	S/N 1	6/5/84	
SLAVE	S/N 2	8/20/84	
SLAVE	S/N 12	12/28/83	
SLAVE	S/N 13	1/12/84	
SLAVE	S/N 14	2/23/84	
SLAVE	S/N 14	6/5/84	

NORTHERN STATES POWER COMPANY
MONTICELLO
EQUIPMENT AND MATERIALS

MATERIAL OR EQUIPMENT	TYPE OR SERIAL NUMBER	CALIBRATION DATE OR BATCH NUMBER	REMARKS
RECORDERS			
GOULD BRUSH 220	S/N 3018	2/7/84	OFFSITE 8/7/84
GOULD BRUSH 220	S/N 8188-252	3/30/84	OFFSITE 9/30/84
GOULD BRUSH 220	S/N 08343	12/6/83	OFFSITE 6/6/84
GOULD BRUSH 220	S/N 08343	6/7/84	OFFSITE 12/7/84
GOULD BRUSH 220	S/N 15452	12/1/83	OFFSITE 6/1/84
GOULD BRUSH 220	S/N 18687	2/3/84	OFFSITE 8/3/84
GOULD BRUSH 220	S/N 18687	8/7/84	
GOULD BRUSH 220	S/N 18940	1/5/84	OFFSITE 6/21/84
GOULD BRUSH 220	S/N 18940	6/22/84	OFFSITE 12/22/84
GOULD BRUSH 220	S/N 19016	3/5/84	OFFSITE 8/29/84
GOULD BRUSH 220	S/N 19016	8/30/84	
GOULD BRUSH 220	S/N 19023	3/5/84	OFFSITE 9/5/84
GOULD BRUSH 220	S/N 19023	9/6/84	
TEMPERATURE GAUGES			
PTC Surface Thermometers 0° to 300°F	S/N 555	Cal:10/21/83	CERTIFIED BY MANUFACTURER
	S/N 559	Cal:10/21/83	" "
	S/N 563	Cal:10/21/83	" "
	S/N 566	Cal:11/15/83	" "
	S/N 569	Cal:11/15/83	" "
	S/N 570	Cal:11/15/83	" "
	S/N 572	Cal:11/15/83	" "
	S/N 574	Cal:11/15/83	" "
	S/N 582	Cal:11/15/83	" "
	S/N 583	Cal:11/15/83	" "
	S/N 584	Cal:11/15/83	" "
	S/N 585	Cal:11/15/83	" "
	S/N 586	Cal:11/15/83	" "
	S/N 587	Cal:11/15/83	" "
	S/N 590	Cal:3/09/84	" "
	S/N 591	Cal:3/09/84	" "
	S/N 592	Cal:3/09/84	" "
	S/N 597	Cal:3/09/84	" "
	S/N 598	Cal:3/09/84	" "
	S/N 599	Cal:3/09/84	" "
	S/N 605	Cal:3/09/84	" "
	S/N 608	Cal:3/09/84	" "
	S/N 612	Cal:5/11/84	" "

MATERIAL OR EQUIPMENT	TYPE OR SERIAL NUMBER	CALIBRATION DATE OR BATCH NUMBER	REMARKS
Temperature Gauges (Continued)			
	S/N 613	Cal:5/11/84	Certified By Manufacturer
	S/N 614	Cal:5/11/84	" "
	S/N 616	Cal:5/11/84	" "
	S/N 617	Cal:5/11/84	" "
	S/N 618	Cal:5/11/84	" "
	S/N 619	Cal:5/11/84	" "
	S/N 621	Cal:5/11/84	" "
	S/N 625	Cal:5/11/84	" "
	S/N 631	Cal:7/19/84	" "
	S/N 632	Cal:7/19/84	" "
	S/N 633	Cal:7/19/84	" "
	S/N 634	Cal:7/19/84	" "
	S/N 635	Cal:7/19/84	" "
	S/N 636	Cal:7/19/84	" "
	S/N 637	Cal:7/19/84	" "
	S/N 630	Cal:7/19/84	" "
	S/N 655	Cal:7/19/84	" "
MAGNETIC PARTICLE			
Y-6 Yoke	S/N LMT-003	2/8/84	On Site
	S/N KBM-3	7/20/84	Qualification
ROMPAS BLOCKS:			
4140 C/S	S/N 403	7/6/82	Earle M. Jorgenson
4140 C/S	S/N LMT-012	9/8/77	Orla's Machine Shop
304 S/S	S/N LMT-008	9/8/77	Orla's Machine Shop
304 S/S	S/N 021	1/3/79	Orla's Machine Shop
304 S/S	S/N 3	9/13/76	Orla's Machine Shop
304 S/S	S/N LMT-026	4/28/81	Dimac Machine Co.
304 S/S	S/N 4	7/6/82	Orla's Machine Shop
304 S/S	S/N 310	8/19/83	JR Design & Mfg.
IIW BLOCK:			
A36	S/N LMT 002	5/22/80	Dimac Machine Co.
THICKNESS CALIBRATION STEP B BLOCK:			
c/s	S/N LMT-001	7/22/80	Dimac Machine Co.

NORTHERN STATES POWER COMPANY
MONTICELLO
EQUIPMENT AND MATERIALS

MATERIAL OR EQUIPMENT	TYPE OR SERIAL NUMBER	CALIBRATION DATE OR BATCH NUMBER	REMARKS
MATERIALS:			
ULTRASONIC COUPLANT	LMT GEL	Batch # 61384 12484 1110812	
PENETRANT MATERIALS SPOTCHECK	PENETRANT	5F086 83M015 83M051 83M072	SKL-HF/SKL-S
DUBL-CHEK		40D-806 54A-531 329-D54	BY-Lux K017-Hi-Temp
SPOTCHECK	DEVELOPER	5F102 81K118 82G057 83L094 84C057	SKD-NF SKD-NF/ZP-9B
DUBL-CHEK		215C6 223-D71	D-100 D-350 Hi-Temp
SPOTCHECK	CLEANER/REMOVER	5G006 82G049 82G079 82L031 83A002 84B008 83C028 83M043 83M064 84D051	SKC-NF SKC-NF/ZC-7B
DUBL-CHECK		33-K4 329-D56	DR-60 K017-Hi-Temp

NORTHERN STATES POWER COMPANY
MONTICELLO
EQUIPMENT AND MATERIALS

MATERIAL OR EQUIPMENT	TYPE OR SERIAL NUMBER	CALIBRATION DATE OR BATCH NUMBER	REMARKS
ULTRASONIC TRANSDUCERS:			
		SIZE	FREQUENCY
AEROTECH	B17348	.5" DIA.	2.25 MHz
AEROTECH	C29610	.5" DIA.	2.25 MHz
AEROTECH	F26143	.5" DIA.	2.25 MHz
AEROTECH	G22167	.5" DIA.	2.25 MHz
AEROTECH	G22168	.5" DIA.	2.25 MHz
AEROTECH	54018	.375" DIA.	3.5 MHz
AEROTECH	54017	.375" DIA.	3.5 MHz
AEROTECH	016575	1.0" DIA.	2.25 MHz
AEROTECH	A30160	.5" DIA.	2.25 MHz
AEROTECH	E13044	.5" DIA.	2.25 MHz
AEROTECH	H10142	.5" DIA.	1.5 MHz
AEROTECH	54010	.375" DIA.	3.5 MHz
AEROTECH	012674	.5"x.5" DIA.	2.25 MHz
AEROTECH	H21033	.5" DIA.	2.25 MHz
HARISONICS	T10224	.5"x.5" DIA.	2.25 MHz
HARISONICS	P360V	.5" DIA.	2.25 MHz
HARISONICS	W1815	.25"X.25"DIA.	5.0 MHz
HARISONICS	W2123	.25" DIA.	5.0 MHz
HARISONICS	T3206	.25" DIA.	5.0 MHz
HARISONICS	R2147	.5"x.5" DIA.	2.25 MHz
HARISONICS	T7463	.5"x.5" DIA.	2.25 MHz
HARISONICS	W6207	.5"x.5" DIA.	2.25 MHz
HARISONICS	V11055	.5"x.5" DIA.	2.25 MHz
HARISONICS	S2285	.5" DIA.	1.5 MHz
HARISONICS	R1150	.25" DIA.	2.25 MHz
HARISONICS	S2286	.5" DIA.	1.5 MHz
HARISONICS	V10704	1.0"x1.0"DIA.	2.25 MHz
HARISONICS	V10705	1.0"x1.0"DIA.	2.25 MHz
HARISONICS	W2149	1.5" DIA.	1.0 MHz
HARISONICS	S5139	1.0" DIA.	2.25 MHz
HARISONICS	T8312	.25" DIA.	5.0 MHz
HARISONICS	8301	.25" DIA.	2.25 MHz
HARISONICS	V12038	.25" DIA.	2.25 MHz
HARISONICS	8402	.375" x .375" DIA.	5.0 MHz
HARISONICS	R30131	.375" x .375" DIA.	3.5 MHz
HARISONICS	W8561	.375" x .375" DIA.	2.25 MHz
HARISONICS	Y2880	.25"x.25"DIA.	2.25 MHz

MATERIAL OR EQUIPMENT	TYPE OR SERIAL NUMBER	CALIBRATION DATE OR BATCH NUMBER	REMARKS
ULTRASONIC TRANSDUCERS		Size	Frequency
HARISONICS	V11111	.5"x.5" DIA.	1.0 MHz
HARISONICS	V10600	.25" DIA.	5.0 MHz
HARISONICS	Y3410	.5"x.5" DIA.	2.25 MHz
HARISONICS	P928	1.0" DIA.	1.0 MHz
HARISONICS	P927	1.5" DIA.	1.0 MHz
HARISONICS	R3162	.5"x.5" DIA.	2.25 MHz
HARISONICS	R5239	.5"x1.0"DIA.	2.25 MHz
KRAUTKRAMER	56526	12MM x 6MM	2.0 MHz
KRAUTKRAMER	54576	12MM x 6MM	4.0 MHz
NORTEC	978	.75" DIA.	2.25 MHz
NORTEC	979	.75" DIA.	2.25 MHz
PANAMETRICS	11908	.25" DIA.	2.25 MHz

APPENDIX D

NIS FORM

OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

FORM NIS-1 OWNERS' 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, Minnesota 55401

2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B5.10 Nozzle to Safe End Welds				
Standby Liquid Control CPAFR-2	GE/Bechtel	------	------	------
Recirc.Outlets RCAFR-2 RCBFR-2	GE/Bechtel	------	------	------
Recirc.Inlets RRAFR-2 RRDFR-2 RRJFR-2 RRHFR-2 RREFR-2 RRGFR-2 RRBFR-2 RRFFR-2 RRCFR-2 RRKFR-2	GE/Bechtel	------	------	------

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2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Jet Pump Instrumentation JPAFR-2 JPBFR-2	GE/Bechtel	------	------	------
B5.50 Safe End Welds				
Residual Heat Removal (REW10) RHAFR-4 (TW20) RHBFR-6 RHBFR-23 RHBFR-24 (TW30) RHCFR-6 RHCFR-23 RHCFR-24	GE/Bechtel	------	------	------
Reactor Water Clean Up CWAFR-3R	GE/Bechtel	------	------	------

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

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

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Address: 414 Nicollet Mall, Minneapolis, Minnesota 55401

2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B6.230 Bolting				
Recirc."A" M02-53A M02-43A	GE/Bechtel	------	------	------
Recirc."B" M02-53B M02-43B	GE/Bechtel	------	------	------
Pressure Retaining Bolting B7.70 Valves Bolts, Studs and Nuts				
Residual Heat Removal (TW20) POS-2019 (TW30) POS-2018	GE/Bechtel	------	------	------

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Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B9.10 Nominal Pipe Size 4 in. and Greater				
B9.11 & B9.12 Circumferential and Longitudinal Welds				
Reactor Water Clean Up	GE/Bechtel	------	------	------
CWAJR-2				
CWAJR-4R				
CWAJR-5R				
CWAJR-6				
CWAJR-7				
CWAJR-8				
CWAJR-9				
CWAJR-10				
CWAJR-11				
CWAJR-12				
CWAJR-13				
CWAJR-13A				
CWAJR-14				
CWAJR-15				
CWAJR-16				
CWAJR-17				
CWAJR-18				
CWAJR-19				

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Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal	GE/Bechtel	------	------	------
(REW10)				
RHAJR-1				
RHAJR-1 to RHAJR-2				
RHAJR-2				
RHAJR-2 to RHAJR-3				
RHAJR-3				
RHAJR-3 to RHAJR-4				
RHAJR-5				
RHAJR-6				
RHAJR-7				
RHAJR-11				
RHAJR-12				
RHAJR-16				
RHAJR-9				
RHAJR-14				
(TW20)				
RHBJR-1				
RHBJR-1 to RHBJR-2				
RHBJR-2				
RHBJR-2 to RHBJR-3				
RHBJR-3				

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

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

1.) Owner: Northern States Power Company

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2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Cont.				
RHBJR-3 to RHBJR-4				
RHBJR-4				
RHBJR-4 to RHBJR-5				
RHBJR-5				
RHBJR-5 to RHBJR-6				
RHBJR-7				
RHBJR-8				
RHBJR-12				
RHBJR-13				
RHBJR-14				
RHBJR-14A				
RHBJR-15				
RHBJR-16				
RHBJR-17				
RHBJR-18				
RHBJR-19				
RHBJR-25				
RHBJR-10				
RHBJR-21				
(TW30)				
RHCJR-1				
RHCJR-1 to RHCJR-2				
RHCJR-2				

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

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

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2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Cont.				
RHCJR-2 to RHCJR-3				
RHCJR-3				
RHCJR-3 to RHCJR-4				
RHCJR-4				
RHCJR-4 to RHCJR-5				
RHCJR-5				
RHCJR-5 to RHCJR-6				
RHCJR-7				
RHCJR-8				
RHCJR-12				
RHCJR-13				
RHCJR-14				
RHCJR-15				
RHCJR-16				
RHCJR-17				
RHCJR-18				
RHCJR-19				
RHCJR-25				
RHCJR-10				
RHCJR-21 (TW40)				
RHEJR-2				
RHEJR-3				
RHEJR-4				

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

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

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2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Cont.				
RHEJR-5				
RHEJR-6				
RHEJR-7				
RHEJR-8				
RHEJR-9				
RHEJR-10				
RHEJR-10A				
RHEJR-11				
RHEJR-12				
RHEJR-13				
RHEJR-14				
RHEJR-15				
RHEJR-16				
RHEJR-17				
RHEJR-18				
RHEJR-19				
RHEJR-21				
RHEJR-22				
RHEJR-23				
RHEJR-24				
RHEJR-25				
RHEJR-26				
RHEJR-27				
RHEJR-28				

FORM NIS-1 OWNERS' 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, Minnesota 55401

2.) Plant: MONTICELLO NUCLEAR GENERATING PLANT

Address: MONTICELLO MINNESOTA 55362

3.) Plant Unit: 1 4.) Owner (Certificate of Authorization): --

5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Cont.				
RHEJR-29				
RHEJR-30				
RHEJR-31				
RHEJR-32				
RHEJR-33				
RHEJR-34				
Recirc."A"	GE/Bechtel	------	-------	------
RCAFR-2 to RCAJR-3				
RCAJR-3				
RCAJR-3 to RCAJR-4				
RCAJR-4				
RCAJR-4 to RCAJR-4A				
RCAJR-4A				
RCAJR-4A to RCAJR-5				
RCAJR-5				
RCAJR-5 to RCAJR-7				
RCAJR-7				
RCAJR-7 to RCAJR-8				
RCAJR-8				
RCAJR-8 to RCAJR-9				
RCAJR-9				

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

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

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5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc."A" cont.				
RCAJR-9 RCAJR-10				
RCAJR-10				
RCAJR-10 to RCAJR-11				
RCAJR-11				
RCAJR-12				
RCAJR-12 to RCAJR-15				
RCAJR-15				
RCAJR-15 to RCAJR-16				
RCAJR-16				
RCAJR-17				
RCAJR-17 to RCAJR-20				
RCAJR-20				
RCAJR-21				
RCAJR-21 to RCAJR-22				
RCAJR-22				
RCAJR-22 to RCAJR-23				
RCAJR-23				
RCAJR-23 to RCAJR-24				
RCAJR-24				
RCAJR-24 to RCAJR-25				
RCAJR-25				

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc."B"	GE/Bechtel	------	------	------
RCBFR-2 to RCBJR-3				
RCBJR-3				
RCBJR-3 to RCBJR-4				
RCBJR-4				
RCBJR-4 to RCBJR-5				
RCBJR-5				
RCBJR-5 to RCJBR-6				
RCBJR-6				
RCBJR-6 to RCJBR-7				
RCBJR-7				
RCBJR-7 to RCJBR-8				
RCJBR-8				
RCJBR-8 to RCBJR-9				
RCBJR-9				
RCBJR-10				
RCBJR-10 to RCBJR-13				
RCBJR-13				
RCBJR-13 to RCBJR-14				
RCBJR-14				
RCBJR-15				
RCBJR-15 to RCBJR-18				
RCBJR-18				
RCBJR-19				
RCBJR-19 to RCBJR-20				

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5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc."B" cont.				
RCBJR-20				
RCBJR-20 to RCBJR-21				
RCBJR-21				
RCBJR-21 to RCBJR-22				
RCBJR-22				
RCBJR-22 to RCBJR-23				
RCBJR-23				
Recirc. Manifold "A"	GE/Bechtel	------	------	------
RMAJR-1 to RRFJR-7				
RMAJR-1				
RMAJR-1 to RMAJR-2				
RMAJR-2				
RMAJR-2 to RMAJR-3				
RMAJR-3				
RMAJR-3 to RMAJR-3A				
RMAJR-3A				
RMAJR-4				
RMAJR-5				
RMAJR-5 to RMAJR-5A				
RMAJR-5A				
RMAJR-5 to RMAJR-6				

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5.) Commercial Service Date: 6-30-71 6.) National Board No. for Unit: --

7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc."A" cont.				
RMAJR-6 RMAJR-6 to RMAJR-7 RMAJR-7 RMAJR-7 to RRKJR-7 RCAJR-25 to RMAJR-4 RMAJR-4 to RRHJR-4				
Recirc. Manifold "B"	GE/Bechtel	------	------	------
RMBJR-1 to RREJR-7 RMBJR-1 RMBJR-1 to RMBJR-2 RMBJR-2 RMBJR-2 to RMBJR-3 RMBJR-3 RMBJR- 3 to RMBJR-3A RMBJR-3A RMBJR-4 RMBJR-5 RMBJR-5 to RMBJR-5A RMBJR-5A RMBJR-6 RMBJR-6 to RMBJR-7 RMBJR-7 RMBJR-7 to RRAJR-7 RCBJR-23 to RMBJR-4 RMBJR-4 to RRCJR-4				

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc. Risers	GE/Bechtel	------	------	------
Riser F				
RRFJR-3				
RRFJR-4				
RRFJR-4 to RRFJR-5				
RRFJR-5				
RRFJR-5 to RRFJR-6				
RRFJR-6				
RRFJR-6 to RRFJR-7				
RRFJR-7				
Riser G				
RRGJR-3				
RRGJR-4				
RRGJR-4 to RRGJR-5				
RRGJR-5				
Riser H				
RRHJR-3				
RRHJR-4				
Riser J				
RRJJR-3				
RRJJR-4				
RRJJR-4 to RRJJR-5				
RRJJR-5				
Riser K				
RRKJR-3				
RRKJR-4				
RRKJR-4 to RRKJR-5				
RRKJR-5				
RRKJR-5 to RRKJR-6				
RRKJR-6				

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc. Risers Cont.				
RRKJR-6 to RRKJR-7				
RRKJR-7				
Riser A				
RRAJR-3				
RRAJR-4				
RRAJR-4 to RRAJR-5				
RRAJR-5				
RRAJR-5 to RRAJR-6				
RRAJR-6				
RRAJR-6 to RRAJR-7				
RRAJR-7				
Riser B				
RRBJR-3				
RRBJR-4				
RRBJR-4 to RRBJR-5				
RRBJR-5				
Riser C				
RRCJR-3				
RRCJR-4				
Riser D				
RRDJR-3				
RRDJR-4				
RRDJR-4 to RRDJR-5				
RRDJR-5				
Riser E				
RREJR-3				
RREJR-4				
RREJR-4 to RREJR-5				
RREJR-5				
RREJR-5 to RREJR-6				
RREJR-6				
RREJR-6 to RREJR-7				
RREJR-7				

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B9.20 Nominal Pipe Size Less Than 4 in.				
B9.21 & B9.22 Circumferential and Longitudinal Welds				
Standby Liquid Control	GE/Bechtel	------	------	------
CPAJR-3				
CPAJR-4				
CPAJR-6				
B9.30 Branch Connections				
B9.31 Nominal Pipe Size Greater than 2"				
RWCU	GE/Bechtel	------	------	------
CWAJR-1				
RHR"A"	GE/Bechtel	------	------	------
RHAJR-8				
RHAJR-13				
RHEJ-20				
RHR"B"	GE/Bechtel	------	------	-----
RHBJR-9				
RHBJR-20				
RHEJ-37				

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B9.31 Nominal Pipe Size Greater than 2" Cont.				
RHR"C" RHCJR-9 RHCJR-20 RHEJ-1	GE/Bechtel	------	------	------
B9.32 Nominal Pipe Size less than 2"				
Recirc Drains A & B RCAJR-13 RCAJR-18 RCBJR-11 RCBJR-16	GE/Bechtel	------	------	------

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B10.10 Integrally Welded Attachment and B11.10 Component Supports				
Reactor Water Clean Up CWAK-14	GE/Bechtel	------	------	------
Recirc."A" RCAKR-12A RCAKR-16 RCAKR-18 RCAKR-21 RCAKR-33A PHAR-3 PHAR-4 PHAR-5 PSSAR-4A PSSAR-4B PSSAR-5 RCAKR-22 RCAKR-24A RCAKR-24B	GE/Bechtel	------	------	------

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc."B"	GE/Bechtel	------	------	------
RCBKR-10A				
RCBKR-14				
RCBKR-16				
RCBKR-19				
RCBKR-32A				
PHBR-3				
PHBR-6				
PHBR-7				
PSSBR-4A				
PSSBR-4B				
RCBKR-20				
RCBKR-25				
RCBKR-25A				
Recirc. Manifold"A"	GE/Bechtel	------	------	------
RMAKR-4				
RMAKR-6				
RMAKR-13				
RMAKR-13B				

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc. Manifold"B" RMBKR-4 RMBKR-6A RMBKR-13 RMBKR-13C	GE/Bechtel	------	------	------
B11.10 Component Supports				
Reactor Water Clean-up CWAK-11	GE/Bechtel	------	------	------
Residual Heat Removal (REW10) RHAKR-8 RHAKR-13 RHAKR-14 RHAKR-19 RHAKR-22 (TW20) RHBKR-10 RHBKR-12 RHBKR-18 RHBKR-23	GE/Bechtel	------	------	------

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
B11.10 Component Supports Cont.				
(TW30) RHCKR-9 RHCKR-10 RHCKR-17A RHCKR-24				
(TW40) RHEK-10 RHEK-12 RHEK-23 RHEK-25				
Recirc."A" RCAK-6 RCAK-12 RCAKR-12B RCAKR-29 RCAKR-30A RCAK-33 RCAKR-33B RCAK-34	GE/Bechtel	------	------	------

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7.) Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc."B"	GE/Bechtel	------	-------	------
RCBK-8 RCBK-10 RCBKR-10B RCBKR-27 RCBKR-29 RCBK-32 RCBKR-32A RCBKR-32B RCBK-33				
Recirc. Manifold"A"	GE/Bechtel	------	------	------
RMAK-11				
Recirc. Manifold"B"	GE/Bechtel	------	------	------
RMBK-13A				

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Recirc. Risers"A"	GE/Bechtel	------	------	------
RRFK-6				
RRGK-6				
RRHK-6				
RRJK-6				
RRKK-6				
Recirc. Risers"B"	GE/Bechtel	------	------	------
RRAK-6				
RRBK-6				
RRCK-6				
RRDK-6				
RREK-6				

FORM NIS-1 (back)

8.) Examination Dates 2/10/85 to 1/12/85

9.) Inspection Interval 6/30/81 to 6/30/91

10.) Abstract of Examinations.

This Baseline Examination was conducted in Inspection Period One of the Plant's second ten year interval. The examinations were performed on pressure retaining componenets and their supports of the reactor coolant and associated auxiliary systems classified as ASME Class I.

11.) Abstract of Conditions Noted.

The following is a list of all anomalies detected:

System	Item ID	Exam Method	Type & No. of Indications
Recirc."A"	RCAJR-4A to RCAJR-5	PT	1 - 1/4" Linear
	RCAJR-7 to RCAJR-8	PT	1 - 1/8" slug of metal in weld
	RCAJR-15 to RCAJR-16 (I.R.)	PT	1 - linear
	RCAJR-15 to RCAJR-16 (O.R.)	PT	5 - linears
	RCAJR-17	PT	ARC strike,multiple linears
	RCAJR-24 to RCAJR-25	PT	1 - linear
	RRKJR-5	PT	1 linear, 4 rounded
	RRKJR-7	PT	1 linear, 4 rounded
	RCAKR-12A VT	VT	loose nut
	RCAKR-21	PT	1 linear
	RCAKR-33A(W-8)	PT	1 linear
	RCAKR-33A(W-9)	PT	Multiple linears
	RCAKR-33A	VT	loose nut
	RHAR-4	VT	loose nut
	RCAKR-29	VT	loose nut
	RRHK-6	VT	loose nuts
Recirc"B"	RCBJR-3 to RCBJR-4	PT	2 linears
	RCBJR-4	PT	2 linears
	RCBJR-7 to RCBJR-8	PT	1 linear
	RCBJR-8 to RCBJR-9	PT	2 linears
	RCBJR-10	PT	intermittent linear
	RCBJR-13	PT	3 linears
	RCBJR-14	PT	1 linear
	RCBJR-15 to RCBJR-18	PT	1 linear
	RCBJR-20	PT	1 linear

	RCBJR-21 to RCBJR-22	PT	crater crack
	RRDJR-4 to RRDJR-5	PT	1 linear
	RCBKR-10A(W-1)	PT	2 linears
	RCBKR-10A(W-2)	PT	2 linears
	RCBKR-10A(W-4)	PT	multiple linears
	RCBKR-10A	VT	loose nuts
	RCBKR-32A(W-8)	PT	4 rounded, 1 linear
	RCBKR-32A(W-9)	PT	1 linear
	RCBKR-32A(W-10)	PT	multiple linears
	RCBKR-27	VT	loose nut
	RRAK-6	VT	loose nuts
RHR	POS 2018	VT	loose nuts
	RHAJR-3	PT	3 linears
	RHBJR-7	MT	4 linears
	RHAKR-8	VT	no weep hole
	RHBKR-12	VT	not attached to wall
	RHBKR-18	VT	no weep hole
	RHCKR-9	VT	not attached to wall
	RHCKR-17A	VT	no weep hole
	RHCKR-24	VT	no weep hole

12.) Abstract of Corrective Measures Recommended and Taken.

All anomolies were corrected. Loose nuts and bolts were tightened. PT and MT linear and rounded indications were removed by surface blending with a hand grinder. On component supports, weepholes were installed and those supports not attached, were attached to their respective walls.

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

Date 10/10 19 85 Signed Northern States Power Co. By J. J. Solomon
Owner

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of MINNESOTA and employed by HSB I+I Co. of HARTFORD, MN have inspected the components described in this Owner's Data Report during the period 2/14/84 to 1/12/85, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME 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 Owners' Data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Oct. 10 19 85

R. J. Kuglar
Inspector's Signature

Commissions NB 9204, MN 85-34
National Board, State, Province & No