PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Red Wing, Minnesota

UNITS 1 AND 2

INSERVICE INSPECTION - EXAMINATION SUMMARY

AUGUST 29, 1990 TO OCTOBER 2, 1990

REFUELING OUTAGE NUMBER 14

INSPECTION PERIOD 2

SECOND INTERVAL

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA

Report Date:
October 16, 1990

Commercial Service Date:
December 20, 1974

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Red Wing, Minnesota

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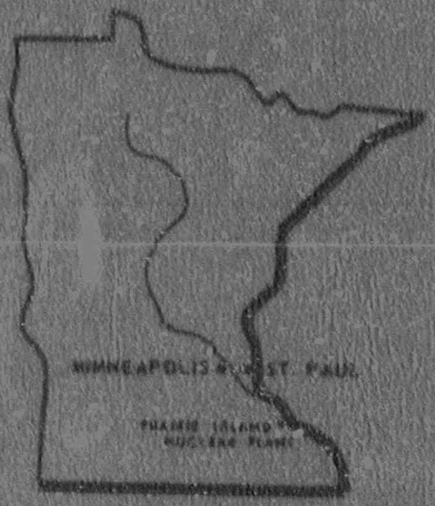
NSP

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Red Wing, Minnesota

UNITS 1 AND 2



INSERVICE INSPECTION - EXAMINATION SUMMARY

AUGUST 29, 1990 TO OCTOBER 2, 1990

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NORTHERN STATES POWER COMPANY
MINNEAPOLIS, MINNESOTA

Report Date:
October 16, 1990

Commercial Service Date:
December 20, 1974

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT - UNIT II

INSERVICE INSPECTION - EXAMINATION SUMMARY

AUGUST 29, 1990 TO OCTOBER 2, 1990

REFUELING OUTAGE NUMBER 14

INSPECTION PERIOD 2

SECOND INTERVAL

Report Date:
October 16, 1990

Prepared by: _____
L.C. Dahlman
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Prepared by: _____
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J.L. Ricker
Superintendent,
Materials and Special
Processes

Commercial Service Date:
December 20, 1974

Inservice Inspection - Examination Summary
PRAIRIE ISLAND NUCLEAR GENERATING PLANT - UNIT II
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Eddy Current Tube Sheet Maps and Cumulative Data Reports

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Eddy Current Tube Sheet Maps and Cumulative Data Reports

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INSERVICE INSPECTION - EXAMINATION SUMMARY
PRAIRIE ISLAND NUCLEAR GENERATING PLANT - UNIT 2
August 29, 1990 to October 2, 1990

1.0 INTRODUCTION

This report is a summary of the examinations performed during the 14th inservice inspection at the Prairie Island Nuclear Generating Plant - Unit 2. This was the last inspection conducted for inspection period two of the plant's 2nd ten year interval. The examinations were performed during the plant's 14th refueling outage from August 29, 1990 to October 2, 1990. Prairie Island - Unit 2 began commercial operation on December 20, 1974.

This report identifies the components examined, the examination methods used, the examination number, and summarizes the examination results of each of the following areas:

1. Pressure retaining components and supports of the reactor coolant and associated systems classified as ASME Class 1 and ASME Class 2.
2. FSAR Augmented Examinations.
3. Eddy current examination of the Steam Generator Tubing.

2.0 SUMMARY OF RESULTS

The evaluation of all the results from the inservice examinations indicated that the integrity of these systems has been maintained. To assure continued integrity of the steam generators (S.G.), a total of 17 new tubes in S.G. 21 and 18 new tubes in S.G. 22 were mechanically plugged; in addition 6 tubes in S.G. 21 and 23 tubes in S.G. 22 were replugged based on NRC Bulletin 89-01.

3.0 ASME CLASS 1 AND 2 COMPONENTS

3.1 EXAMINATION PLAN

The examination plan focused on the pressure retaining components and their supports of the reactor coolant and associated auxiliary systems classified as ASME Class 1 and ASME Class 2.

The examination plan was based on the examination requirements of the ASME Boiler and Pressure Vessel Code, Section XI, 1980 Edition through and including the Winter 1981 Addenda, and complied with Prairie Island's Technical Specification, Section TS 4.12. The examination is in accordance with the program submitted to the United States Nuclear Regulatory Commission on October 14, 1983 titled, "ASME Code Section XI Inservice Inspection and Testing Program and Information Required for NRC Review of Requests for Relief From ASME Code Section XI Requirements". In addition, the Safety Injection Accumulator Tanks nozzles were examined as the result of Safety Evaluation 232.

3.2 EXAMINATION METHODS

Ultrasonic examination methods and techniques were used to perform the volumetric examinations. The ultrasonic test systems consisted of an ultrasonic digital/analog tester and a video cassette recorder. The video cassette recording takes the digitized signal from the ultrasonic instrument and records both the amplitude and the range information. This approach give a permanent record to the extent possible.

Liquid penetrant or 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 either a yoke with dry powder or an AC L-10 coil with fluorescent prepared bath.

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.

3.3 EXAMINATION PROCEDURES

The ultrasonic examination procedures for piping welds complied with the requirements of Appendix III of ASME Section XI that was issued in the Winter 1981 Addenda. All other procedures complied with the requirements of the 1980 Edition through and including the Winter 1981 Addenda of ASME Section XI. A listing of the procedures used for the examinations is shown in Table III of Appendix E.

3.4 EQUIPMENT AND MATERIALS

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

The ultrasonic calibration standards used in the examinations are listed in Table II of Appendix E. 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 balance of plant examinations. Hartford Steam Boiler Inspection and Insurance Company, representing ANII, provided the Authorized Inspection.

All personnel involved in the performance or evaluation of examinations are listed along with their title, organization and ASNT Level of Certification in Table I of Appendix E.

Certifications for examination personnel are maintained on file by Northern States Power Company.

3.6 EVALUATION

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

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

3.7 EXAMINATION REPORTS AND DOCUMENTATION

All examination reports and documentation are maintained on file by Northern States Power Company. Table I of Appendices A, B, C and D identifies the examination report number(s) for each item examined. Many of the items identify more than one examination report due to the different types of examinations performed on the item.

Table I of Appendices A, B, C and D summarizes all the examinations performed to date and identifies the amount that will be examined in the future to complete the ten year examination requirements. For retrieval purposes, the prefix of the inspection report number corresponds with the year the inspection was performed. The examination report numbers for this outage are prefixed with "90-".

Table II of Appendices A, B, C and D compares the baseline examination or previous results with the results obtained during this examination. Table III of Appendix A, B, C and D identifies the isometric drawings that were used for the examinations. The personnel, ultrasonic calibration blocks, procedures, equipment and materials that were used for the inspection are identified in the tables of Appendix E. Appendix H contains the Form NIS-1 titled, "Owner's Data Report for Inservice Inspections".

3.8 SUMMARY OF DISCREPANCIES

The following is a list of anomalies detected:

SYSTEM	ITEM ID	EXAM METHOD	TYPE AND NUMBER OF INDICATIONS
SI PUMP SUCTION	SIH-29/B	VT	NO LOAD SCALE
RTD TAKE OFF COLD B	137-2RTD-2/B	VT	BOLT ENGAGEMENT
REATOR VESSEL	W-6	UT	INCLUSION
FEEDWATER A	FWH-68/B	MT	COLD LAP
	FW-136	MT	LINEAR
STEAM GENERATOR NO. 21	COL. 2 PIN	UT	LINEAR
	W-F	UT	SLAG INCLUSION
STEAM GENERATOR NO. 22	COL. 3 PIN	UT	LINEAR
	PAD 4 UPPER RING	VT	LOOSE NUT
	COL. 2	UT	LINEAR
PRESSURIZER SURGE	RCRH-50/F	VT	BOTTOMED OUT
MAIN STEAM A	MS-48	VT	ARC STRIKE
	MS-56	VT	GOUGES
MAIN STEAM B	MS-82	MT	LINEARS
	MSH-50/A1	VT	LOOSE NUT
	MSH-46/C	MT	ARC STRIKE
RHR TAKE OFF HOT A	9-2RHR-7/C	VT	FLAME CUT HOLES
RHR TAKE OFF HOT B	W-6	PT	LINEARS

All anomalies were either corrected or an engineering evaluation was performed to accept "as is" conditions. The PT,MT and VT indication for linears, cold lap, gouges and arc strikes were removed by light hand grinding and blending the area smooth; the loose nuts and bolt engagement were tightened; the hanger with no load scale and the hanger that was bottomed out were evaluated and found acceptable by an engineering evaluation; the hanger with flame cut holes was reworked to remove the HAZ by grinding; some items with linear or inclusion indications were accepted based on Section XI IWB-3514.2.

4.0 EXAMINATION OF THE STEAM GENERATOR TUBING

During the September 1990 scheduled refueling outage 100% of all accessible tubes in steam generator 21 and 22 were examined full length. The examination was conducted utilizing the multifrequency eddy current technique. The program was as follows:

1. Cold leg examinations were performed from the seventh support plate on the hot leg side through the tube end on the cold leg side on rows 2 through 46, row 1 tubes were examined from the seventh support plate on the cold leg side through the tube end on the cold leg side. These examinations were completed using magnetically biased 0.720 inch, 0.700 inch and 0.680 inch diameter bobbin probes.

2. Hot leg examinations were performed from the seventh support plate on the hot leg side through the tube end on the hot leg side. These examinations were completed using magnetically biased 0.720 inch diameter bobbin probes. All row 1 U-Bends were examined from the seventh support plate on the cold leg side through the seventh support plate on the hot leg side using Zetec dual motion MRPC U-Bend probes.

Motorized rotating pancake coil (MRPC) techniques were utilized extensively in both steam generators. The inspection strategy was to: examine all row 1 U-Bends, examine all B&W roll plugs and supplement the bobbin coil data to further characterize: indications of percent through wall, manufacturing burnish marks, undefined indications and distorted indications. The following is a summary of MRPC examinations:

91 U-Bends examinations in 21 hot Leg
92 U-Bends examinations in 22 hot leg
19 B&W roll plugs in 21 hot leg
14 B&W roll plugs in 22 cold leg
42 supplemental examinations in 21 hot leg
15 supplemental examinations in 21 cold leg
33 supplemental examinations in 22 hot leg
35 supplemental examinations in 22 cold leg

Conam Inspection was contracted to acquire and evaluate the eddy current data. Zetec was contracted to perform a completely independent evaluation of all data acquired by Conam Inspection. The scope of all the work contracted was completed using remote positioning devices and the Zetec MIZ-18 digital test equipment along with associated acquisition software. The analysis was completed using Zetec, Inc. EDDYNET ANALYSIS program revision 1.20 released 9/07/90 and RPC program revision 1.00 released 8/20/90.

Summaries of: total tubes examined, distribution of indications, tubes plugged this outage, and total tubes plugged to date can be found in Tables I through IV respectively.

Tube sheet maps and cumulative listings can be found for plugged tubes and indications by depth range in Appendices F and G.

TABLE I
Total tubes examined

PROGRAM	TUBE COUNT	PERCENT
21 hot leg	3326	100
21 cold leg	3326	100
22 hot leg	*3274	100
22 cold leg	3253	100

* Includes 21 tubes tested after hot leg plug removal

TABLE II
Distribution of indications

INDICATION RANGE	S/G 21	S/G 22
0% TO 19%	37	43
20% TO 29%	45	60
30% TO 39%	27	39
40% TO 100%	12	*39

* Includes 21 tubes tested after hot leg plug removal

TABLE III
Tubes plugged this outage

S/G NO.	ROW	COLUMN	%TWD	LOCATION
21	30	12	45	01C - 0.2
21	30	13	46	01C + 0.0
21	32	16	51	01C + 0.0
21	35	18	65	01C + 0.0
21	40	25	65	01C + 0.0
21	45	38	44	02C + 0.0
21	44	39	55	01C - 0.1
21	44	53	NRC Bulletin 89-01	
21	42	61	NRC Bulletin 89-01	
21	37	72	42	01C - 0.2
21	39	73	NRC Bulletin 89-01	
21	36	76	43	02C + 0.0
21	25	85	44	01C - 0.1
21	21	88	NRC Bulletin 89-01	
21	19	89	NRC Bulletin 89-01	
21	14	90	NRC Bulletin 89-01	
21	10	91	44	01C + 0.0
22	29	12	*56	01C + 0.0
22	28	13	*49	01C + 0.0
22	30	14	*56	01C + 0.0
22	31	15	48	01C - 0.2
22	30	16	*56	01C + 0.0
22	32	16	70	02C - 0.1
22	33	17	43	01C - 0.1
22	35	17	*63	01C + 0.0
22	37	22	40	02C - 0.2
22	39	23	47	01C - 0.1
22	38	24	54	02C - 0.1
22	39	24	*48	02C + 0.0

TABLE III
CONTINUED

S/G NO.	ROW - COLUMN		%TWD	LOCATION
22	39	25	*49	02C + 0.0
22	40	25	45	01C + 0.0
22	41	27	*58	02C + 0.0
22	43	36	*62	02C + 0.0
22	43	41	NRC Bulletin 89-01	
22	45	42	*50	01C + 0.0
22	44	43	41	02C + 0.0
22	46	45	*53	01C + 0.0
22	44	47	*79	01C + 0.0
22	45	49	46	01C + 0.0
22	46	49	*54	01C + 0.0
22	45	53	*43	01C + 0.0
22	42	55	40	01C + 0.0
22	44	55	54	01C + 0.0
22	45	56	47	02C + 0.0
22	43	59	40	02C - 0.1
22	42	61	*47	01C - 0.1
22	39	66	*53	02C - 0.1
22	41	68	*47	02C + 0.0
22	39	70	67	02C - 0.1
22	38	72	*51	01C + 0.0
22	39	72	*52	02C - 0.2
22	37	73	50	01C - 0.1
22	38	73	NRC Bulletin 89-01	
22	39	73	*48	02C - 0.1
22	37	76	*46	02C + 0.1
22	29	83	60	02C - 0.1
22	23	85	51	02C + 0.0
22	23	87	46	01C - 0.1

* Tubes tested after plug removal per NRC Bulletin 89-01

TABLE IV
Total tubes plugged to date

S/G NO.	TUBE COUNT	PERCENT
21	73	2.15
22	153	4.52

APPENDIX A

ASME CLASS I EXAMINATIONS

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.1
PAGE 1 OF 7
MAJOR ITEM: REACTOR VESSEL

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B1.10	B-A	PRESSURE RETAINING WELDS IN REACTOR VESSEL					
B1.11		CIRCUMFERENTIAL WELD	THREE	100%	-	W-3	
B1.12		LONGITUDINAL	---	---	-	-NONE-	
B1.20	B-A	HEAD WELDS					
B1.21		CIRCUMFERENTIAL WELD	THREE	100%	-	W-5	
B1.22		MERIDONAL WELDS	---	---	-	-NONE-	
B1.30	B-A	SHELL-TO-FLANGE WELD					
		VESSEL-TO-FLANGE	ONE	50%	50%	W-1	85-W REPORT
			THREE	50%	-	W-1	
B1.40	B-A	HEAD-TO-FLANGE WELD					
		HEAD-TO-FLANGE	ONE	33%	33%	W-6 HOLES 1-16	88-219,223,235, 220,234
			TWO	33%	33%	W-6 HOLES 16-32	90-179,200,201, 202,203
			THREE	34%	-	W-6	
B1.50	B-A	REPAIR WELDS	---	---	---	-NONE-	

Form 17-2476 (5-89)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B3.90	B-D	FULL PENETRATION WELDS OF NOZZLE IN VESSEL INSPECTION PROGRAM B					
B3.100	B-D	NOZZLE-TO-VESSEL WELD & NOZZLE INSIDE RADIUS SECTION					
		REACTOR CORE COOLANT					
		OUTLET NOZZLES	ONE	2	2	W-7, W-10	B5-W REPORT
		INLET NOZZLES	THREE	2	-		
		SAFETY INJECTION NOZZLES	ONE	1	-		
			THREE	1	-		
	B-E	PRESSURE RETAINING PARTIAL PENETRATION WELDS IN VESSELS					
B4.10	B-E	PARTIAL PENETRATION WELDS					
B4.11	B-E	VESSEL NOZZLES					
		HEAD VENT	*	1	*	1-2RC-36 TO 2RC-8-5	* EACH ITEM INSPECTED BY PLANT PERSONNEL DURING EACH REACTOR VESSEL LEAKAGE TEST
B4.12	B-E	CONTROL ROD DRIVE NOZZLES					
		CONTROL ROD DRIVE PENETRATIONS	ONE	3	*		* PLANT OPERATIONS
			TWO	3	*		
			THREE	4	*		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.1
PAGE 3 OF 7
MAJOR ITEM: REACTOR VESSEL

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B4.13	B-E	INSTRUMENTATION NOZZLES					
		INSTRUMENTATION PENETRATIONS	ONE	3	*		* PLANT OPERATIONS
			TWO	3	*		
			THREE	3	*		
	B-F	PRESSURE RETAINING DISSIMILAR METAL WELDS					
B5.10	B-F	NOMINAL PIPE SIZE 4 INCH AND GREATER, NOZZLE-TO-SAFE END BUTT WELDS					
		OUTLET NOZZLE SAFE END WELDS	ONE	2	2	RCC-A-1 S.E.	85-W REPORT/88-164,166
						RCC-B-1 S.E.	85-W REPORT/88-162,165
		INLET NOZZLE SAFE END WELDS	THREE	2	-		
		REACTOR VESSEL SAFETY INJECTION NOZZLE SAFE END WELDS	ONE	1	1	W-1 S.E. (LOOP B)	88-161,175,160
			THREE	1	-		
B5.20	B-F	NOMINAL PIPE SIZE LESS THAN 4 INCH	---	---	---	-NONE-	
B5.30	B-F	SOCKET WELDS	---	---	---	-NONE-	

Form 17.2476 (5-89)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.1
PAGE 4 OF 7
MAJOR ITEM REACTOR VESSEL

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B5.130	B-F	NOMINAL PIPE SIZE 4 INCH AND GREATER, DISSIMILAR METAL WELDS					IN CONJUNCTION WITH B5.10
		REACTOR CORE COOLANT	ONE	2	2	RCC-A-1 S.E.	85-W REPORT/88-164,166
						RCC-B-1 S.E.	85-W REPORT/88-162,165
			TWO	-	-		
			THREE	2	-		
		REACTOR VESSEL SAFETY INJECTION SYSTEMS	ONE	1	1	W-2 S.E. (LOOP B)	88-163,176,167
			TWO	-	-		
			THREE	1	-		
	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
B6.10	B-G-1	CLOSURE HEAD NUTS	ONE	16	16	NUTS 15,18,21,24, 37-48	88-250,241
			TWO	16	16	NUTS 17-32	90-221,223
			THREE	16	-		
B6.20	B-G-1	CLOSURE STUDS, IN PLACE	---	---	---	-NONE-	(SEE B6.30)
B6.30	B-G-1	CLOSURE STUDS, WHEN REMOVED	ONE	16	16	STUDS 15,18,21, 24,37-48	88-254,253,257
			TWO	16	16	STUDS 17-32	90-222,244,224
			THREE	16	-		
B6.40	B-G-1	THREADS IN FLANGE	ONE	24	27	9 THRU 22, 29 THRU 37, 43 THRU 46	85-W REPORT
			TWO	-	-		
			THREE	24	-		

Form 17.2478 (5-89)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S1.3
PAGE 5 OF 7

INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: REACTOR VESSEL

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B6.50	B-G-1	CLOSURE WASHERS, BUSHINGS					
		WASHERS (PAIRS)	ONE	16	16	WASHERS 15,18,21, 24,37-48	88-256
			TWO	16	16	WASHERS 17-32	90-225
			THREE	16	-		
		BUSHINGS	---	---	---	-NONE-	
	B-G-2	PRESSURE RETAINING BOLTING, 2 INCHES AND LESS IN DIAMETER					
B7.10	B-G-2	BOLTS, STUDS, AND NUTS					
		CONOSEAL	ONE	3	3	CLAMP @ 120°	88-224
			TWO	3	3	CLAMP @ 240°	90-328
			THREE	3	-		
B7.80	B-G-1	BOLTS, STUDS, AND NUTS	---	---	---	-NONE-	
	B-H	INTEGRAL ATTACHMENTS FOR VESSELS					
B8.10	B-H	INTEGRALLY WELDED ATTACHMENTS	THREE	2	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S1.1
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: REACTOR VESSEL

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-N-1	INTERIOR OF REACTOR VESSEL					
B13.10	B-N-1	VESSEL INTERIOR					
		UPPER INTERNALS, LOWER INTERNALS, THERMAL SHIELD, FIXTURES, DRIVE RODS	ONE TWO THREE	* * *	* * -	UPPER INTERNALS	88-248
						* REPRESENTATIVE REGIONS OF THOSE INTERIOR SURFACES AND INTERNALS MADE ACCESSIBLE BY THE REMOVAL OF COMPONENTS DURING NORMAL REFUELING OPERATIONS.	
	B-N-2	INTEGRALLY WELDED CORE SUPPORT STRUCTURES AND INTERIOR ATTACHMENTS TO REACTOR VESSEL					
B13.20	B-N-2	INTERIOR ATTACHMENTS AND CORE SUPPORT STRUCTURES	-	-	-	- NOT APPLICABLE FOR PWR VESSELS	
	B-N-3	REMOVABLE CORE SUPPORT STRUCTURES					
B13.32	B-N-3	CORE SUPPORT STRUCTURES	THREE	*	-	* 100% OF THE ACCESSIBLE ATTACHMENT WELDS AND VISUALLY ACCESSIBLE SURFACES OF THE SUPPORT STRUCTURE	

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S1.1
PAGE 7 OF 7

INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: REACTOR VESSEL

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-O	PRESSURE RETAINING WELDS IN CONTROL ROD HOUSINGS					
B14.10	B-O	WELDS IN CRD HOUSINGS					
		PERIPHERAL CRD HOUSINGS	ONE	-	4	(BASELINE) W-5	85-107,118
						(BASELINE) W-2	85-096,097
						(BASELINE) I-1743	85-003,006
						(BASELINE) H-5708	85-004,005
			TWO	-	1	(BASELINE) 15 UPPER	89-043,044,042,045
			THREE	2	-		
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.10	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000
B15.11	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

Form 17-2476 (5-89)
(MRSP 5.2)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.2
PAGE 1 OF 4
MAJOR ITEM: PRESSURIZER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-B	PRESSURE RETAINING WELDS IN VESSELS OTHER THAN REACTOR VESSELS					
		PRESSURIZER					
B2.10	B-B	SHELL-TO-HEAD WELDS					
		WELD 3	ONE	33%	33%	W-3 (0'-8')	86-248,259,261,263
			TWO	34%	33%	W-3 (6'6"-14'6")	89-367,366,365,334
			THREE	33%	-		
		WELD 5	ONE	33%	33%	W-5 (0'-8')	86-227,232,233,234
			TWO	34%	33%	W-5 (8'-16')	89-370,369,372,335
			THREE	33%	-		
B2.11	B-B	CIRCUMFERENTIAL					
		WELD 4	ONE	-	-		
			TWO	50%	50%	W-4 (0'-12')	90-175,176,177,178
			THREE	50%	-		
B2.12	B-B	LONGITUDINAL					
		WELD NO 1	ONE	10%	10%	W-1 @ W-5 (0'-1')	86-247,260,262,264
		WELD NO 2	TWO	10%	10%	W-1 @ W-3 (0'-1')	89-380,381,382,333
B2.20	B-B	HEAD WELDS	---	---	---	-NONE-	

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INSERVICE INSPECTION—EXAMINATION SUMMARY

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MAJOR ITEM: PRESSURIZER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-D	FULL PENETRATION WELDS OF NOZZLES IN VESSELS - INSPECTION PROGRAM B					
B3.110	B-D	NOZZLE TO VESSEL WELDS	---	---	---	-NONE-	
B3.120	B-D	NOZZLE INSIDE RADIUS SECTION					
		SPRAY NOZZLE	ONE	1	*		* RELIEF NO 66
		RELIEF NOZZLE	TWO	1	*		
		SAFETY NOZZLE A	TWO	1	*		
		SAFETY NOZZLE B	THREE	1	*		
		SURGE NOZZLE	THREE	1	*		
	B-E	PRESSURE RETAINING PARTIAL PENETRATION WELDS IN VESSEL					
B4.20	B-E	HEATER PENETRATION WELDS	*	21/10 YRS	*		* EACH ITEM INSPECTED BY PLANT PERSONNEL
	B-F	PRESSURE RETAINING DISSIMILAR METAL WELDS					
B5.40	B-F	NOMINAL PIPE SIZE 4 INCH AND GREATER, NOZZLE-TO-SAFE END BUTT WELDS					RELIEF NO. 56
		SAFETY LINE	ONE	2	2	W-1A S.E. (8010A)	88-072,090,077
						W-1A S.E. (8010B)	88-073,089,078
		SURGE LINE	TWO	1	1	W-15 S.E.	89-103,210,161
		RELIEF LINE	THREE	1	-		
		SPRAY LINE	THREE	1	-		

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MAJOR ITEM: PRESSURIZER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B5.50	B-F	NOMINAL PIPE SIZE LESS THAN 4 INCH	---	---	---	-NONE-	
B5.60	B-F	SOCKET WELDS	---	---	---	-NONE-	
	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCHES IN DIAMETER	---	---	---	-NONE-	
	B-G-2	PRESSURE RETAINING BOLTING, 2 INCHES AND LESS IN DIAMETER					
B7.20	B-G-2	BOLTS, STUDS, AND NUTS					
		MANWAY BOLTS	ONE	5	5	BOLTS 1-5	85-138
			TWO	5	5	BOLTS 6-10	90-400
			THREE	6	-		
	B-H	INTEGRAL ATTACHMENTS FOR VESSELS					
B8.20	B-H	INTEGRALLY WELDED ATTACHMENTS					
		SUPPORT SKIRT	ONE	33%	33%	W-6 (24"-120")	86-249,254,265
			TWO	33%	33%	W-6 (120"-216")	90-330,329,187
			THREE	34%	-		

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MAJOR ITEM: PRESSURIZER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.20	B-P	PRESSURIZER RETAINING BOUNDARY	*	-	-		* PEFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM
B15.21	B-P	PRESSURIZER RETAINING BOUNDARY					

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: STEAM GENERATORS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-B	PRESSURE RETAINING WELDS IN OTHER THAN REACTOR VESSELS					
B2.30	B-B	HEAD WELDS	-	-		-NONE-	
B2.40	B-B	TUBESHEET-TO-HEAD WELDS					
		STEAM GENERATOR NO. 21					
		W-A	ONE	33%	33%	W-A (0'-12')	88-209,210,211,204
			TWO	34%	33%	W-A (12'-23'3")	90-395,396,397,399
			THREE	33%	-		
		STEAM GENERATOR NO. 22					
		W-A	ONE	33%	33%	W-A(0'-12')	86-243,244,245,246
			TWO	34%	33%	W-A (12'-22'3")	89-371,368,364,301
			THREE	33%	-		
	B-D	FULL PENETRATION WELDS OF NOZZLE IN VESSELS - INSPECTION PROGRAM B					
B3.130	B-D	NOZZLE TO VESSEL WELDS	-	-	-	-NONE-	
B3.140	B-D	NOZZLE INSIDE RADIUS SECTION					
		STEAM GENERATOR NO. 21					
		INLET NOZZLE	ONE	1	*-		* RELIEF NO. 66
		OUTLET NOZZLE	THREE	1	*-		
		STEAM GENERATOR NO. 22					
		INLET NOZZLE	THREE	1	*-		* RELIEF NO. 66
		OUTLET NOZZLE	TWO	1	*-		

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MAJOR ITEM: STEAM GENERATORS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-F	PRESSURE RETAINING DISSIMILAR METAL WELDS					
B5.70	B-F	NOMINAL PIPE SIZE 4" AND GREATER, NOZZLE-TO-SAFE END BUTT WELDS					
		STEAM GENERATOR NO. 21					
		INLET	ONE	1	1	RCC-A-5 S.E.	88-196,236,197,238
		OUTLET	THREE	1	-		
		STEAM GENERATOR NO. 22					
		INLET	ONE	1	1	RCC-B-4 S.E.	86-204,207,278,
		OUTLET	ONE	-	1	RCC-B-5 S.E.	86-206,209,276 257,258
			TWO	-	1	RCC-B-5 S.E.	90-232,299,293
			THREE	1	-		
B5.80	B-F	NOMINAL PIPE SIZE LESS THAN 4"	-	-	-	-NONE-	
B5.90	B-F	SOCKET WELDS	-	-	-	-NONE-	
	B-G-1	PRESSURE RETAINING BOLTING GREATER THAN 2" IN DIAMETER	-	-	-	-NONE-	
	B-G-2	PRESSURE RETAINING BOLTING, 2" AND LESS IN DIAMETER					

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PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

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MAJOR ITEM: STEAM GENERATORS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B7.30	B-G-2	BOLTS, STUDS AND NUTS					
		STEAM GENERATOR NO. 21					
		INLET MANWAY	ONE	5	48	INLET MANWAY 1-16	85-027,030,105 86-127,131,128,162 88-105,100,113
			TWO	5	32	INLET MANWAY 1-16	89-145,198,092 90-233,261,251
			THREE	6	-		
		OUTLET MANWAY	ONE	5	48	OUTLET MANWAY 1-16	85-028,030 86-132,161,163 88-104,098,112
			TWO	5	32	OUTLET MANWAY 1-16	89-146,197,093 90-234,262,252
			THREE	6	-		
		STEAM GENERATOR NO. 22					
		INLET MANWAY	ONE	5	48	INLET MANWAY 1-16	85-026,031 86-133,164,129 88-099,115,107
			TWO	5	32	INLET MANWAY 1-16	89-147,200,094 90-235,264,253
			THREE	6	-		
		OUTLET MANWAY	ONE	5	47	OUTLET MANWAY 1-16	85-025,031 86-130,134,165 88-097,114,106
			TWO	5	32	OUTLET MANWAY 1-16	89-148,199,095 90-236,263,254
			THREE	6	-		

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: STEAM GENERATORS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-H	INTEGRAL ATTACHMENTS FOR VESSELS	-	-	-	-NONE-	
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.30	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDRO-STATIC TEST REQUIRED BY IWB-5000
B15.31	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: REGENERATIVE HEAT EXCHANGER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-B	PRESSURE RETAINING WELDS IN OTHER THAN REACTOR VESSELS					
B2.60	B-B	TUBESHEET-TO-HEAD WELDS					RELIEF NO. 45
		EXCHANGER A	ONE	100%	1	W-1	86-111,138
		EXCHANGER B	TWO	100%	-	W-2	90-072,062
		EXCHANGER C	THREE	100%	-		
	B-D	FULL PENETRATION WELDS OF NOZZLES IN VESSELS - INSPECTION PROGRAM B					
B3.150	B-D	NOZZLE TO VESSEL WELDS	-	-	-	-NONE-	
B3.160	B-D	NOZZLE INSIDE RADIUS SECTION					
		EXCHANGER A	ONE	2	*-		* RELIEF NO. 66
		EXCHANGER B	TWO	2	*-		
		EXCHANGER C	THREE	2	*-		
B6.120	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2" IN DIAMETER	-	-	-	-NONE-	
B7.40	B-G-2	PRESSURE RETAINING BOLTING, 2" AND LESS IN DIAMETER	-	-	-	-NONE-	
B8.40	B-H	INTEGRAL ATTACHMENTS FOR VESSELS	-	-	-	-NONE-	

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: REGENERATIVE HEAT EXCHANGER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.40	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYRO-STATIC TEST REQUIRED BY IWB-5000
B15.41	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

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TABLE S1.4.2
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: EXCESS LETDOWN HEAT EXCHANGER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-B	PRESSURE RETAINING WELDS IN VESSELS OTHER THAN REACTOR VESSELS					
B2.50	B-B	HEAD WELDS					RELIEF NO. 45
B2.51	B-B	CIRCUMFERENTIAL	ONE	-	-		
			TWO	1	1	W-1	90-073,063
			THREE	-	-		
	B-D	FULL PENETRATION WELDS OF NOZZLES IN VESSELS - INSPECTION PROGRAM B					
B3.150	B-D	NOZZLE TO VESSEL WELDS	---	---	---	-NONE-	RELIEF NO. 67
B3.160	B-D	NOZZLE INSIDE RADIUSED SECTION	---	---	---	-NONE-	RELIEF NO. 66
	B-F	PRESSURE RETAINING DISSIMILAR METAL WELDS	---	---	---	-NONE-	

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MAJOR ITEM: EXCESS LETDOWN HEAT EXCHANGER

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
	B-G-2	PRESSURE RETAINING BOLTING, 2 INCHES AND LESS IN DIAMETER					
B7.40	B-G-2	BOLTS, STUDS AND NUTS					
		EXCESS LETDOWN	ONE	4	4	FLANGE BOLTS 1-4	86-112
			TWO	4	4	FLANGE BOLTS 5-8	90-108
			THREE	4	-		
	B-H	INTEGRAL ATTACHMENTS FOR VESSELS	---	---	---	-NONE-	
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.40	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000.
B15.41	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

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INSERVICE INSPECTION—EXAMINATION SUMMARY

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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-F	PRESSURE RETAINING DISSIMILAR METAL WELDS					
B5.130	B-F	NOMINAL PIPE SIZE 4 INCH AND GREATER, DISSIMILAR METAL WELDS					
		REACTOR VESSEL					
		REACTOR CORE COOLANT SYSTEMS	ONE	2	2	RCC-A-1 S.E.	85-W REPORT 88-164,166
						RCC-B-1 S.E.	85-W REPORT 88-162,165
			TWO	-	-		
			THREE	2	-		
		REACTOR VESSEL SAFETY INJECTION SYSTEMS	ONE	1	1	W-2 S.E. (LOOP B)	88-163, 176,167
			THREE	1	-		
		STEAM GENERATORS					
		STEAM GENERATOR NO 21					
		REACTOR CORE COOLANT SYSTEM	ONE	1	1	RCC-A-5 S.E.	88-196,236,197,238
			THREE	1	-		
		STEAM GENERATOR NO 22					
		REACTOR CORE COOLANT SYSTEM	ONE	-	2	RCC-B-4 S.E.	86-205,208,277
						RCC-B-5 S.E.	86-206,209,257, 258,276
			TWO	-	1	RCC-B-5 S.E.	90-074,298,281
			THREE	1	-		

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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		PRESSURIZER					
		SAFETY LINE	ONE	2	2	W-1 (8010A)	88-071,088,075
						W-1 (8010B)	88-074,087,079
		SURGE LINE	TWO	1	1	W-15	89-104,211,162
		RELIEF LINE	THREE	1	-		
		SPRAY LINE	THREE	1	-		
B5.140	B-F	NOMINAL PIPE SIZE LESS THAN 4 INCH	---	---	---	-NONE-	
B5.150	B-F	SOCKET WELDS	---	---	---	-NONE-	
B6.150	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER	---	---	---	-NONE-	
	B-G-2	PRESSURE RETAINING BOLTING, 2 INCHES AND LESS IN DIAMETER					
B7.50	B-G-2	BOLTS, STUDS, AND NUTS					
		SEAL INJECTION	ONE	4	4	ORIFICE BOLTS @W-5	86-238
			TWO	4	8	ORIFICE BOLTS @W-2	89-181
						ORIFICE BOLTS @W-4	90-157
			THREE	4	-		
		RESISTANCE TEMPERATURE DETECTOR RETURN	ONE	-	8	ORIFICE BOLTS @W-7	86-241
			THREE	8	-		
			THREE	8	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B7.50	B-G-2	(CONTINUED)					
		PRESSURIZER RELIEF	ONE	12	12	FLANGE BOLTS @ 2-8010B	86-078
		PRESSURIZER SAFETY	TWO	12	12	FLANGE BOLTS @ 2-8010A	90-186
	B-J	PRESSURE RETAINING WELDS IN PIPING					
B9.10	B-J	NOMINAL PIPE SIZE 4 INCH AND GREATER					
B9.11 & B9.12	B-J	CIRCUMFERENTIAL AND					
	B-J	LONGITUDINAL WELDS					
	B-J	LONGITUDINAL WELDS	---	---	---	-NONE-	
	B-J	CIRCUMFERENTIAL WELDS					
		(4.0 IN. NOM. DIA. SYSTEMS)					
		REACTOR VESSEL	ONE	1	1	W-2	85-086,073
		SAFETY INJECTION	TWO	-	-		
		LOW HEAD A	THREE	-	-		
		REACTOR VESSEL	ONE	-	-	SOME OF THESE WELDS ARE ACCESSIBLE;	
		SAFETY INJECTION	TWO	-	-	OTHERS ARE LOCATED WITHIN THE CONCRETE	
		LOW HEAD B	THREE	1	-	SHIELD WALL.	

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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.11 & B9.12	B-J	(CONTINUED)					
		(6.0 IN. NOM. DIA. SYSTEMS)					
		REACTOR VESSEL	ONE	-	-		
		SAFETY INJECTION	TWO	1	1	W-8	89-344,401,396
		LOW HEAD A	THREE	1	-		
		REACTOR VESSEL	ONE	1	1	W-7	86-043,044,095
		SAFETY INJECTION	TWO	-	-		
		LOW HEAD B	THREE	1	-		
		SAFETY INJECTION	ONE	-	-		
		HIGH HEAD LOOP A	TWO	-	-		
			THREE	1	-		
		SAFETY INJECTION	ONE		1	W-2	85-066, 075
		HIGH HEAD LOOP B	TWO	-	-		
			THREE	-	-		
		PRESSURIZER SAFETY	ONE	1	1	W-6	86-071,071R,072,072R, 096
		LINE A	TWO	3	3	W-4	89-215,273,218
						W-5	89-216,272,219
						W-2	90-246,312,255
			THREE	1	-		
		PRESSURIZER SAFETY	ONE	2	3	W-3	86-063,064,093
		LINE B				W-5	86-080,082,139
						W-6	86-079,081,094
			TWO	1	2	W-7	90-248,311,256
						W-8	90-249,257 (NO UT)
			THREE	1	-		

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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.11 & B9.12	B-J	(CONTINUED)					
		PLO-CAP LOOP A	ONE	-	1	W-1	85-103
			TWO	-	-		
			THREE	1	-		
		PLO-CAP LOOP B	ONE	-	-		
			TWO	1	1	W-1	89-332,400,318
			THREE	-	-		
		(8.0 IN. NOM. DIA. SYSTEMS)					
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP A	ONE	2	2	W-17, 24	85-017,018,048,049
			TWO	3	5	W-13	89-252,336,239
						W-25	89-292,337,240
						W-1	90-331,407,341
						W-4	90-339,408,350
						W-5	90-340,409,351
			THREE	3	-		
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP B	ONE	3	3	W-2	86-235,236,237
						W-18	86-147,166,183
						W-23	86-148,150,171
			TWO	2	6	W-1	90-374,410,353
						W-5	90-375,411,354
						W-5A	90-376,412,355
						W-6	90-377,413,356
						W-9	90-149 (PT ONLY)
						W-13	90-180,185,181
			THREE	3	-		

NORTHERN STATES POWER CO.
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TABLE S1.5
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.11 & B9.12	B-J	(CONTINUED)					
		(10.0 IN. NOM. DIA. SYSTEMS)					
		RESIDUAL HEAT REMOVAL	ONE	1	1	W-4	86-146,149,182
		RETURN LOOP B	TWO	1	1	W-2	89-293,393,254
			THREE	1	-		
		PRESSURIZER SURGE	ONE	1	1	W-8	86-212,213,221
		LOOP B	TWO	1	1	W-3	89-137,194,173
					13	W-14	89-105,212,163
						W-13	89-101,213,176
						W-12	89-098,204,164
						W-11	89-099,205,165
						W-10	89-106,206,166
						W-9	89-107,208,167
						W-8	89-108,207,168
						W-7	89-102,209,169
						W-6	89-100,191,170
						W-5	89-136,192,171
						W-4	89-139,195,172
						W-2	89-138,193,174
						W-1	89-140,196,175
			THREE	2	-		

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Form 17.2476 (5-89)
(M&SP 5.2)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.11 & B9.12	B-J	(CONTINUED)					
		(12.0 IN. NOM. DIA. SYSTEMS)					
		ACCUMULATOR DISCHARGE LOOP A	ONE	1	1	W-5	88-217,101,215
			TWO	1	1	W-1	90-394,121,132
			THREE	1	-		
		ACCUMULATOR DISCHARGE LOOP B	ONE	2	2	W-6	85-016,047
						W-9	88-095,094,096
			TWO	1	1	W-4	89-189,275,190
			THREE	2	-		
		(27½ IN. NOM. DIA. SYSTEMS)					
		REACTOR CORE COOLANT COLD LEG (INLET) A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		REACTOR CORE COOLANT COLD LEG (INLET) B	ONE	-	-		
			TWO	1	1	RCC-B-11	90-291,300,294
			THREE	-	-		
		(29 IN. NOM. DIA. SYSTEMS)					
		REACTOR CORE COOLANT HOT LEG (OUTLET) A	ONE	1	1	RCC-A-2	88-186,237,187,239
			TWO	-	-		
			THREE	-	-		
		REACTOR CORE COOLANT HOT LEG (OUTLET) B	ONE	-	1	RCC-B-3	86-204,207,278
			TWO	-	-		
			THREE	1	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.5
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.11 & B9.12	B-J	(CONTINUED)					
		(31 IN. NOM. DIA. SYSTEMS)					
		REACTOR CORE COOLANT CROSSOVER LINE A	ONE	-	-		
			TWO	2	2	RCC-A-8	89-378,403,320
						RCC-A-9	89-379,404,321
			THREE	-	-		
		REACTOR CORE COOLANT CROSSOVER LINE B	ONE	1	5	RCC-B-6	86-151,153
						RCC-B-7	86-152,154,228,229,275
						RCC-B-8	86-140,143,274
						RCC-B-9	86-141,144,230,231,273
						RCC-B-10	86-142,145
			TWO	-	-		
			THREE	1	-		
B9.20	B-J	NOMINAL PIPE SIZE LESS THAN 4 INCH					
B9.21 & B9.22	B-J	CIRCUMFERENTIAL AND LONGITUDINAL WELDS					
		LONGITUDINAL WELDS	---	---	---	-NONE-	
		CIRCUMFERENTIAL WELDS					
		(1½ IN. NOM. DIA. SYSTEMS)					
		SEAL INJECTION A	ONE	-	-		
			TWO	1	1	W-2	90-313,318
			THREE	1	-		

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Form 17.2475 (5-89)
(M&SP 5.2)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.21 & B9.22	B-J	(CONTINUED)					
		SEAL INJECTION B	ONE	1	1	W-5	86-255,256
			TWO	-	1	W-1	89-179,180
			THREE	1	-		
		(2.0 IN. NOM. DIA. SYSTEMS)					
		SEAL INJECTION A	ONE	3	3	W-28	85-074
						W-40,15	88-132,141,218,216
			TWO	3	3	W-30,56	89-059,060,061,062
						W-14	90-314,319
			THREE	4	-		
		SEAL INJECTION B	ONE	4	4	W-27,53	85-063,145
						W-39,46	86-039,041,040,042
			TWO	4	3	W-30	89-253,300
						W-40,52	90-271,282,272,283
			THREE	4	-		
		CHARGING LINE (CVCS)	ONE	6	6	W-42,68	85-123,071
						W-8,17,21	86-104,107,105,108, 106,109
						W-69	88-177,181
			TWO	6	7	W-16,41	89-232,241,088,083
						W-23,29	89-233,242,234,243
						W-1,6	90-152,212,398,213
						W-66	90-142 214
			THREE	6	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.5
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.21 & B9.22	B-J	(CONTINUED)					
		LETDOWN LINE AND DRAIN LINE (CVCS)	ONE	1	1	W-8	88-261,262
			TWO	2	2	W-18	89-376,245
						W-2	90-390,215
			THREE	2	-		
		AUXILLIARY SPRAY TO PRESSURIZER	ONE	1	1	W-16	86-191,194
			TWO	1	1	W-17	90-292,295
			THREE	2	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF COLD LEG LOOP A	ONE	1	1	W-16	85-108
			TWO	1	1	W-7	90-115,119
			THREE	1	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF COLD LEG LOOP B	ONE	1	1	W-3	86-176,179
			TWO	1	1	W-6	89-182,183
			THREE	1	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF HOT LEG LOOP A	ONE	1	2	W-22/W-26	86-210,211/88-136,137
			TWO	1	1	W-30	90-133,122
			THREE	2	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF HOT LEG LOOP B	ONE	1	1		
			TWO	1	1	W-28	89-186,187
			THREE	2	-		
		SAFETY INJECTION HIGH HEAD LOOP A	ONE	-	-		
			TWO	1	1	W-6	90-116,118
			THREE	1	-		

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Form 17.2476 (5-89)
(M&SP 5.2)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.21 & B9.22	B-J	(CONTINUED)					
		SAFETY INJECTION HIGH HEAD LOOP B	ONE	1	1	W-4	85-078
			TWO	-	-		
			THREE	1	-		
		DRAIN LINE ON CROSSOVER LOOP A	ONE	1	1	W-10	88-180,184
			TWO	1	1	W-1	89-342,313
			THREE	1	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD A	ONE	1	1	W-6	86-189,192
			TWO	1	1	W-11	90-315,320
			THREE	1	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD B	ONE	-	-		
			TWO	1	1	W-3	89-235,247
			THREE	1	-		
		(3.0 IN. NOM. DIA. SYSTEMS)					
		SPRAY TO PRESSURIZER BRANCH A	ONE	3	3	W-22A	85-077
						W-13,32	88-135,138,133,140
			TWO	3	2	W-1,30	89-343,345,214,217
						AUGMENTED	
					3	W-9,10,11	89-229,394,236,230,395, 237,231,402,238
					3	W-9,10,11	90-183,182,184
			THREE	4	-		
		SPRAY TO PRESSURIZER BRANCH B	ONE	2	2	W-13/W-7	85-065/88-134,139
			TWO	2	2	W-9	89-177,178
						W-1	90-307,308
			THREE	2	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.21 & B9.22	B-J	(CONTINUED)					
		RESIDUAL TEMPERATURE DETECTOR RETURN LOOP A	ONE	1	1	W-2	85-080
			TWO	1	1	W-1	90-117,120
			THREE	1	-		
		RESIDUAL TEMPERATURE DETECTOR RETURN LOOP B	ONE	1	2	W-1,2	86-015,019,020,016
			TWO	1	1	W-4	89-377,202
			THREE	1	-		
		PRESSURIZER RELIEF LINE A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		PRESSURIZER RELIEF LINE B	ONE	1	1	W-12A	85-067
			TWO	1	1	W-2	90-250,258
			THREE	1	-		
B9.30	B-J	BRANCH PIPE CONNECTION WELDS					
B9.31	B-J	NOMINAL PIPE SIZE 4 INCH AND GREATER					
		(12.0 IN. NOM.DIA. SYSTEMS)					
		ACCUMULATOR DISCHARGE LOOP A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		ACCUMULATOR DISCHARGE LOOP B	ONE	-	-		
			TWO	1	1	W-R	90-075,393,296
			THREE	-	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE 51.5
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.31	B-J	(CONTINUED)					
		(10.0 IN. NOM.DIA. SYSTEMS)					
		PRESSURIZER SURGE LINE	ONE	1	1	W-R	86-178,181,199
			TWO	-	1	W-R	89-222,328,224
			THREE	-	-		
		(8.0 IN. NOM.DIA. SYSTEMS)					
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP A	ONE	1	1	W-R	88-057,057R,070,159
			TWO	-	-		
			THREE	-	-		
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP B	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		(6.0 IN. NOM.DIA. SYSTEMS)					
		PLO-CAP LOOP A	ONE	1	1	W-R	85-100,102
			TWO	-	-		
			THREE	-	-		
		PLO-CAP LOOP B	ONE	-	-		
			TWO	1	1	W-R	89-221,274,223
			THREE	-	-		
		SAFETY INJECTION HIGH HEAD LOOP A	ONE	-	-		
			TWO	1	1	W-R	90-134,392,123
			THREE	-	-		
		SAFETY INJECTION HIGH HEAD LOOP B	ONE	-	-		
			TWO	-	-		
			THREE	1	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
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TABLE S1.5
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.32	B-J	NOMINAL PIPE SIZE LESS THAN 4 INCH					
		(3.0 IN. NOM. DIA. SYSTEMS)					
		SPRAY TO PRESSURIZER LINE A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		SPRAY TO PRESSURIZER LINE B	ONE	-	-		
			TWO	1	1	W-R	90-309,310
			THREE	-	-		
		RESIDUAL TEMPERATURE DETECTOR RETURN LOOP A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		RESIDUAL TEMPERATURE DETECTOR RETURN LOOP B	ONE	1	1	W-R	86-021,017
			TWO	-	-		
			THREE	-	-		
		(2.0 IN. NOM. DIA. SYSTEMS)					
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF COLD LEG LOOP A	ONE	-	-		
			TWO	1	1	W-R	89-330,315
			THREE	-	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF COLD LEG LOOP B	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		DRAIN LINE ON CROSSOVER LOOP A	ONE	1	1	W-R	85-109/88-156,157
			TWO	-	-		
			THREE	-	-		

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.32	B-J	(CONTINUED)					
		DRAIN LINE ON CROSSOVER LOOP B	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		CHARGING LINE (CVCS)	ONE	1	1	W-R	86-110,136
			TWO	-	-		
			THREE	-	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD A	ONE	-	-		
			TWO	1	1	W-1	90-316,321
			THREE	-	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD B	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
B9.40	B-J	SOCKET WELDS					
		SEAL INJECTION LOOP A	ONE	-	-		
			TWO	1	1	W-12	90-317,322
					3	F1/12,F2/11,F3/10 (BASELINE)	90-418,419,420, 423,424,425
			THREE	1	-		
		SEAL INJECTION LOOP B	ONE	1	1	W-13	88-188,189
			TWO	-	-		
					2	13A,13B (BASELINE)	90-421,422,426,427
			THREE	1	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.5
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION PEPORT NO.
B9.40	B-J	(CONTINUED)					
		CHARGING LINE CVCS	ONE	1	1	W-50	88-178,182
			TWO	1	-	MISSED PER TWO	
			THREE	3	-		
		DRAIN LINE AND	ONE	1	1	W-25	85-064
		LETDOWN LINE CVCS	TWO	1	1	W-18	90-143,216
					1	W-12R (BASELINE)	89-352,361
			THREE	1	-		
		AUXILLIARY SPRAY	ONE	1	1	W-7	86-190,193
		TO PRESSURIZER	TWO	-	-		
					2	W-4R (BASELINE)	89-398,398R,410
						W-5R (BASELINE)	89-399,399R,411
			THREE	-	-		
		RESIDUAL TEMPERATURE	ONE	1	1	W-2	86-239,240
		DETECTOR - TAKE OFF	TWO	1	1	W-3	89-329,314
		COLD LEG LOOP A	THREE	1	-		
		RESIDUAL TEMPERATURE	ONE	1	1	W-7	88-258,259
		DETECTOR - TAKE OFF	TWO	1	1	W-7	90-153,217
		COLD LEG LOOP B	THREE	1	-		
		RESIDUAL TEMPERATURE	ONE	-	-		
		DETECTOR - TAKE OFF	TWO	1	1	W-33	89-331,316
		HOT LEG LOOP A	THREE	1	-		
		RESIDUAL TEMPERATURE	ONE	-	-		
		DETECTOR - TAKE OFF	TWO	1	1	W-30	90-154,218
		HOT LEG LOOP B	THREE	1	-		

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Form 17-2478 (5-89)
(M&SP 5.2)

PPM-0044 Rev. 1 (5/89)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B9.40	B-J	(CONTINUED)					
		SAFETY INJECTION HIGH HEAD LOOP A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		SAFETY INJECTION HIGH HEAD LOOP B	ONE	1	1	W-8	86-177,180
			TWO	-	-		
			THREE	-	-		
		DRAIN LINE ON CROSSOVER LOOP A	ONE	1	1	W-16	88-179,183
			TWO	-	-		
			THREE	-	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD LOOP A	ONE	1	1	W-13	85-072
			TWO	-	-		
			THREE	-	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD LOOP B	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
	B-K-1	INTEGRAL ATTACHMENTS FOR PIPING					
B10.10	B-K-1	INTEGRALLY WELDED ATTACHMENTS					
		ACCUMULATOR DISCHARGE LOOP A & B	ONE	1	1	A1	86-014,195,196
			TWO	1	1	B1	90-332,226,205
			THREE	1	-		

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INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.5
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B10.10	B-K-1	(CONTINUED)					
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP A	ONE TWO THREE	- 1 -	- 1 -	U	89-276,290,291
		RESIDUAL TEMPERATURE DETECTOR RETURN LOOP B	ONE TWO THREE	- - 1	- - -		
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.50	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000.
B15.51	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

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Form 17-2476 (5-89)
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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S1.6
PAGE 1 OF 4
MAJOR ITEM: COOLANT PUMPS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
B6.180	B-G-1	BOLTS AND STUDS, IN PLACE					
		REACTOR CORE COOLANT PUMP NO. 21	ONE	8	8	FLG BOLTS 1-8	86-018,266
			TWO	8	8	FLG BOLTS 9-16	90-360,357
			THREE	8	-		
		REACTOR CORE COOLANT PUMP NO. 22	ONE	8	8	FLG BOLTS 1-8	85-076/86-046 88-249,252
			TWO	8	8	FLG BOLTS 9-16	90-359,358
			THREE	8	-		
B6.190	B-G-1	FLANGE SURFACE, WHEN CONNECTION DISSASSEMBLED					
		REACTOR CORE COOLANT PUMPS 21 & 22	*	-	-		* IF DISASSEMBLED 100% OF SURFACES
B6.200	B-G-1	NUTS, BUSHINGS, AND WASHERS					
		REACTOR CORE COOLANT PUMP NO. 21 & 22	*	-	-		* IF DISASSEMBLED WITH B6.190 100% OF SURFACES
	B-G-2	PRESSURE RETAINING BOLTING, 2 INCHES AND LESS IN DIAMETER					

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Form 17.2476 (5-89)
(M&SP 5.2)

PPM 9.011 Rev. 1 (5/89)

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PRAIRIE ISLAND UNIT 2

TABLE S1.6
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM COOLANT PUMPS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B7.60	B-G-2	BOLTS, STUDS, AND NUTS					
		REACTOR CORE COOLANT PUMPS A & B					
		SEAL HOUSE BOLTING PUMP A	ONE	4	36	12 UPPER AND 12 LOWER	85-098,099,104,106
						12 LOWER	86-159,157
			TWO	4	12	12 LOWER	89-097,135
			THREE	4	-		
		SEAL HOUSE BOLTING PUMP B	ONE	4	56	8 UPPER AND 12 LOWER	85-021,022,023,024
						12 LOWER	86-158,160
						12 LOWER AND 12 UPPER	88-108,093,111 88-110,109
			TWO	4	*		* PUMPS NOT DISASSEMBLED
			THREE	4	-		
	B-K-1	INTEGRAL ATTACHMENTS FOR PUMPS					
B10.20	B-K-1	INTEGRALLY WELDED ATTACHMENTS					
		REACTOR CORE COOLANT PUMP 21	ONE	1	1	SUPPORT A	86-029,030,186
			TWO	1	1	SUPPORT B	90-333,352,342
			THREE	1	-		
		REACTOR CORE COOLANT PUMP 22	ONE	1	1	SUPPORT A	88-290,291,292
			TWO	1	1	SUPPORT B	89-141,144,121
			THREE	1	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COOLANT PUMPS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-L-1	PRESSURE RETAINING WELDS IN PUMP CASINGS					
B12.10	B-L-1	PUMP CASING WELDS					
		REACTOR CORE COOLANT PUMP 21	*	-	-		* RELIEF NO. 63
		REACTOR CORE COOLANT PUMP 22	*	-	-		* RELIEF NO. 63
	B-L-2	PUMP CASINGS BODIES					
B12.20	B-L-2	PUMP CASINGS INTERIORS					
		REACTOR CORE COOLANT PUMPS 21 & 22	*	-	-		* RELIEF NO. 63
	B-P	ALL PRESSURE RETAINING COMPONENTS					
B15.60	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000.
B15.61	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

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MAJOR ITEM: COOLANT PUMPS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
-	-	PUMP FLYWHEELS					
	*	PUMP 21	ONE	1	1	PERIPHERY	88-150,213
						BODY	88-154
						KEYWAY	88-152
			TWO	1	1	PERIPHERY	90-306
						BODY	90-302,343
						KEYWAY	90-301
			THREE	1	-		
	*	PUMP 22	ONE	1	1	PERIPHERY	88-127,214
						BODY	88-153
						KEYWAY	88-151
			TWO	1	1	PERIPHERY	90-303
						BODY	90-305,344
						KEYWAY	90-304
			THREE	1	-		

* AN INPLACE ULTRASONIC EXAMINATION OF AREAS OF HIGHER CONCENTRATION AT THE BASE AND KEYWAY SHALL BE PERFORMED. IF REACTOR CORE COOLANT PUMP IS DISMANTLED, THEN A COMPLETE VOLUMETRIC EXAMINATION OF ALL EXPOSED SURFACES SHALL BE PERFORMED.

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S1.7
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: VALVE PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-G-1	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCHES IN DIAMETER	-	-	-	-NONE-	
	B-G-2	PRESSURE RETAINING BOLTING, 2 INCHES AND LESS IN DIAMETER					
B7.70	B-G-2	BOLTS, STUDS, AND NUTS					
		ACCUMULATOR DISCHARGE LOOP A	ONE	16	16	2-8841A(REPEAT)	85-130/88-037
			TWO	-	-		
			THREE	16	-		
		ACCUMULATOR DISCHARGE	ONE	-	-		
			TWO	16	16	2-8841B	89-203
			THREE	16	-		
		RESIDUAL HEAT REMOVAL RETURN LOOP B	ONE	16	16	2-8703	86-168
			TWO	-	-		
			THREE	-	-		
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP A	ONE	-	-		
			TWO	16	16	2-8701A	90-230
			THREE	16	-		
		RESIDUAL HEAT REMOVAL TAKE OFF LOOP B	ONE	16	48	2-8701B	86-242
						2-8702B(REPEAT)	86-031/88-240
			TWO	-	-		
			THREE	-	-		

NORTHERN STATES POWER CO.
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: VALVE PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B7.70	B-G-2	(CONTINUED)					
		SAFETY INJECTION	ONE	-	-		
		HIGH HEAD LOOP A	TWO	12	12	2-8842A	89-317
			THREE	-	-		
		SAFETY INJECTION	ONE	-	-		
		HIGH HEAD LOOP B	TWO	-	-		
			THREE	12	-		
		PRESSURIZER SPRAY	ONE	-	-		
		LOOP A	TWO	-	-		
			THREE	8	-		
		PRESSURIZER SPRAY	ONE	-	-		
		LOOP B	TWO	-	-		
			THREE	8	-		
		RESISTANCE TEMPERATURE	ONE	-	-		
		DETECTOR - RETURN	TWO	12	12	2-8001A	90-158
		LOOP A	THREE	-	-		
		RESISTANCE TEMPERATURE	ONE	-	-		
		DETECTOR - RETURN	TWO	12	12	2-8001B	89-201
		LOOP B	THREE	-	-		
		RESISTANCE TEMPERATURE	ONE	2	2	2RC-1-6 (T-58)	88-038
		DETECTOR - TAKE OFF	TWO	2	2	2RC-1-7 (T-58)	90-165
		LOOP A (COLD LEG)	THREE	2	-		
		RESISTANCE TEMPERATURE	ONE	-	-		
		DETECTOR - TAKE OFF	TWO	4	4	2RC-1-15 (T-58)	89-185
		LOOP B (COLD LEG)				2RC-1-16 (T-58)	89-184
			THREE	2	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B7.70	B-G-2	(CONTINUED)					
		RESISTANCE TEMPERATURE DETECTOR - TAKE OFF LOOP A (HOT LEG)	ONE	2	2	2RC-1-12 (T-58)	88-149
			TWO	2	4	2RC-1-9 (T-58)	90-159
						2RC-1-10 (T-58)	90-160
			THREE	2	-		
		RESISTANCE TEMPERATURE DETECTOR - TAKE OFF LOOP B (HOT LEG)	ONE	2	2		
			TWO	2	2	2RC-1-13 (T-58)	89-188
			THREE	2	-		
		PRESSURE RELIEF LINE	ONE	18	18	2-8000B(REPEAT)	85-139/88-066
						2-PCV-431C	88-067
			TWO	6	6	2-PCV-430	89-319
			THREE	12	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD LOOP A	ONE	12	12	2-8843A	88-171
			TWO	12	12	2-8843A	90-144
			THREE	-	-		
		REACTOR VESSEL SAFETY INJECTION LOW HEAD LOOP B	ONE	12	12	2-8843B	86-045
			TWO	-	-		
			THREE	12	-		
		AUXILLIARY SPRAY CVCS	ONE	-	-		
			TWO	-	-		
			THREE	6	-		
		DRAIN LINE ON CROSSOVER LOOP A	ONE	2	2	2-RC-1-2 (T-58) (REPEAT)	85-129
							88-168
			TWO	-	-		
			THREE	2	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: VALVE PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
B7.70	B-G-2	(CONTINUED)					
		DRAIN LINE ON CROSSOVER LOOP B	ONE	2	2	2-RC-1-3 (T-58)	86-167
			TWO	-	-		
			THREE	2	-		
		LETDOWN LINE CVCS	ONE	8	8	2-LCV-427	88-170
			TWO	2	2	2RC-1-5	89-246
			THREE	8	-		
		CHARGING LINE LOOP B	ONE	-	-		
			TWO	6	6	2-8142	89-244
			THREE	2	-		
		SEAL INJECTION LOOP A	ONE	2	2	2-VC-7-18 (T-58)	88-076
			TWO	-	-		
			THREE	-	-		
		SEAL INJECTION LOOP B	ONE	2	2	2-VC-7-19 (T-58) (REPEAT)	85-140 88-169
			TWO	-	-		
			THREE	-	-		
	B-K-1	INTEGRAL ATTACHMENTS FOR VALVES	-	-	-	-NONE-	
	B-M-1	PRESSURE RETAINING WELDS IN VALVE BODIES	-	-	-	-NONE-	

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(84-CD-5.2)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

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MAJOR ITEM: VALVE PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	B-M-2	VALVE BODIES					
B12.50	B-M-2	VALVE BODIES, EXCEEDING 4 INCH NOMINAL PIPE SIZE					
		VELAN CHECK VALVES	*	1	-		* SPECIFIC VALVE SUBJECT TO PLANT MAINTENANCE SCHEDULES.
		DARLING GATE VALVES	*	1	-		
		DARLING CHECK VALVE	TWO	1	4	2-8840A, 2-8841A 2-8840B, 2-8841B	89-142,143 89-091,096
		VELAN GATE VALVES	*	1	-		
		CROSBY SAFETY VALVES	*	1	-		
	B-P	ALL PRESSURE RETAING COMPONENTS					
B15.70	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000.
B15.71	B-P	PRESSURE RETAINING BOUNDARY	*	-	-		

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
	RCC PUMP 21	1	2-ISI-45	UT0	BODY	90-302	Results:NONE	1	Results:NONE	NONE
	RCC PUMP 21	1	2-ISI-45	UT0	BODY	90-302	Results:NONE	1L	Results:NONE	NONE
	RCC PUMP 21	1	2-ISI-45	VT1	BODY	90-343	Results:NONE		Results:NONE	NONE
	RCC PUMP 21	1	2-ISI-45	UT0	KEYWAY	90-301	Results:NONE	1	Results:NONE	NONE
	RCC PUMP 21	1	2-ISI-45	UT0	PERIPHERY	90-306	Results:NONE	1	Results:NONE	NONE
	RCC PUMP 21	1	2-ISI-45	UT0	PERIPHERY	90-306	Results:NONE	1L	Results:NONE	NONE
	RCC PUMP 22	1	2-ISI-45	UT0	BODY	90-305	Results:NONE	1	Results:NONE	NONE
	RCC PUMP 22	1	2-ISI-45	UT0	BODY	90-305	Results:NONE	1L	Results:NONE	NONE
	RCC PUMP 22	1	2-ISI-45	VT1	BODY	90-344	Results:NONE		Results:NONE	NONE
	RCC PUMP 22	1	2-ISI-45	UT0	KEYWAY	90-304	Results:NONE	1	Results:NONE	NONE
	RCC PUMP 22	1	2-ISI-45	UT0	PERIPHERY	90-303	Results:NONE	1	Results:NONE	NONE
	RCC PUMP 22	1	2-ISI-45	UT0	PERIPHERY	90-303	Results:NONE	1L	Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	MT1	W-6 16-32	90-179	Results:N/A		Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT0	W-6 16-32	90-201	Results:NONE	1L	Results:NONE	LIMITED FLANGE, LIFTING LUG
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT45	W-6 16-32	90-202	Results:NONE	1	Results:NONE	LIMITED FLANGE, LIFTING LUG
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT45	W-6 16-32	90-202	Results:NONE	2	Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT45	W-6 16-32	90-202	Results:NONE	3	Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT45	W-6 16-32	90-202	Results:NONE	4	Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT60	W-6 16-32	90-203	Results:NONE	1	Results:NONE	LIMITED FLANGE, LIFTING LUG
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT60	W-6 16-32	90-203	Results:IND	2	Results:IND	NONE
							Scan:2		Scan: 2	
							Type:SPOT		Type:SPOT	
							Amplitude:45		Amplitude:30	
							Ax Loc:		Ax Loc:- 0.65"	
							Circ Loc:		Circ Loc:STUD 31	
							Length:		Length:1.0"	
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT60	W-6 16-32	90-203	Results:NONE	3	Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	UT60	W-6 16-32	90-203	Results:NONE	4	Results:NONE	NONE
B 1. 40	REACTOR VESSEL	1	2-ISI-41	VT1	W-6 16-32	90-200	Results:NONE		Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT0	W-4 0'-12'	90-175	Results:NONE	1L	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT45	W-4 0'-12'	90-176	Results:NONE	1	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT45	W-4 0'-12'	90-176	Results:NONE	2	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT45	W-4 0'-12'	90-176	Results:NONE	3	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT45	W-4 0'-12'	90-176	Results:NONE	4	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT60	W-4 0'-12'	90-177	Results:NONE	1	Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 2. 11	PRESSURIZER	1	2-ISI-36	UT60	W-4 0°-12°	90-177	Results:NONE	2	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT60	W-4 0°-12°	90-177	Results:NONE	3	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	UT60	W-4 0°-12°	90-177	Results:NONE	4	Results:NONE	NONE
B 2. 11	PRESSURIZER	1	2-ISI-36	VT1	W-4 0°-12°	90-178	Results:NONE		Results:NONE	NONE
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT0	W-A 12°-23'3"	90-395	Results:NONE	1L	Results:NONE	2.5"x2.5" INSULATION PADS
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT45	W-A 12°-23'3"	90-396	Results:GEO	1	Results:NONE	2.5"x2.5" INSULATION PADS
							Scan:1			
							Type:GEOMETRY			
							Amplitude:100			
							Ax Loc:			
							Circ Loc:35"-35.5"			
							Length:.5"			
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT45	W-A 12°-23'3"	90-396	Results:NONE	2	Results:GEO	NONE
									Scan: 2	
									Type:00	
									Amplitude:80	
									Ax Loc:	
									Circ Loc:	
									Length:11°-23'3"	
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT45	W-A 12°-23'3"	90-396	Results:NONE	3	Results:NONE	NONE
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT45	W-A 12°-23'3"	90-396	Results:NONE	4	Results:NONE	NONE
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT60	W-A 12°-23'3"	90-397	Results:NONE	1	Results:NONE	2.5"x2.5" INSULATION PADS
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT60	W-A 12°-23'3"	90-397	Results:NONE	2	Results:NONE	NONE
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT60	W-A 12°-23'3"	90-397	Results:NONE	3	Results:NONE	NONE
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	UT60	W-A 12°-23'3"	90-397	Results:NONE	4	Results:NONE	NONE
B 2. 40	STEAM GENERATOR 21	1	2-ISI-37	VT1	W-A 12°-23'3"	90-399	Results:NONE		Results:NONE	NONE
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:NONE	1	Results:NONE	SCANS 1,3,4,1s & 2s OBSTRUCTED
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:NONE	2	Results:NONE	@ 11:-12:00, 12:-1:30,
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:NONE	3	Results:NONE	4:30-6:00, 6:-7:00 DUE TO
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:NONE	4	Results:NONE	WELD-O-LETS
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:N/A	1s	Results:NONE	NONE
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:N/A	2s	Results:NONE	NONE
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:N/A	3s	Results:NONE	NONE
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	UT45	W-1	90-073	Results:N/A	4s	Results:NONE	NONE
B 2. 51	LETDOWN HT EXCHANGER	1	2-ISI-46	VT1	W-1	90-063	Results:NONE		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:NONE	1	Results:NONE	SCANS 1,2,3,4,1s & 2s OBSTRUCT
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:NONE	2	Results:NONE	@ 11-12:00, 12:-1:00, 5:-6:00,
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:NONE	3	Results:NONE	6:-7:00 DUE TO WELD-O-LETS
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:NONE	4	Results:NONE	NONE
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:N/A	1s	Results:NONE	NONE
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:N/A	2s	Results:NONE	NONE
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:N/A	3s	Results:NONE	NONE
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	UT45	W-2	90-072	Results:N/A	4s	Results:NONE	NONE
B 2. 60	REGEN HT EXCH B	1	2-ISI-34	VT1	W-2	90-062	Results:NONE		Results:NONE	NONE
B 5. 70	STEAM GENERATOR 22	1	2-ISI-33	PT	RCC-B-5 S.E.	90-232	Results:NONE		Results:NONE	NONE
B 5. 70	STEAM GENERATOR 22	1	2-ISI-33	UT45	RCC-B-5 S.E.	90-299	Results:NONE	2	Results:NONE	NO SCAN 1 CONFIGURATION
B 5. 70	STEAM GENERATOR 22	1	2-ISI-33	UT45	RCC-B-5 S.E.	90-299	Results:NONE	3	Results:NONE	NONE
B 5. 70	STEAM GENERATOR 22	1	2-ISI-33	UT45	RCC-B-5 S.E.	90-299	Results:NONE	4	Results:NONE	NONE
B 5. 70	STEAM GENERATOR 22	1	2-ISI-33	VT1	RCC-B-5 S.E.	90-293	Results:NONE		Results:NONE	NONE
B 5.130	STEAM GENERATOR 22	1	2-ISI-33	PT	RCC-B-5 S.E.	90-074	Results:NONE		Results:NONE	NONE
B 5.130	STEAM GENERATOR 22	1	2-ISI-33	UT45	RCC-B-5 S.E.	90-298	Results:NONE	2	Results:NONE	NO SCAN 1 CONFIGURATION
B 5.130	STEAM GENERATOR 22	1	2-ISI-33	UT45	RCC-B-5 S.E.	90-298	Results:NONE	3	Results:NONE	NONE
B 5.130	STEAM GENERATOR 22	1	2-ISI-33	UT45	RCC-B-5 S.E.	90-298	Results:NONE	4	Results:NONE	NONE
B 5.130	STEAM GENERATOR 22	1	2-ISI-33	VT1	RCC-B-5 S.E.	90-281	Results:NONE		Results:NONE	NONE
B 6. 10	REACTOR VESSEL	1	2-ISI-39	MT1	NUTS 17-32	90-221	Results:NONE		Results:NONE	NONE
B 6. 10	REACTOR VESSEL	1	2-ISI-39	VT1	NUTS 17-32	90-223	Results:NONE		Results:NONE	NONE
B 6. 30	REACTOR VESSEL	1	2-ISI-39	MT1	STUDS 17-32	90-222	Results:NONE		Results:NONE	NONE
B 6. 30	REACTOR VESSEL	1	2-ISI-39	UT0	STUDS 17-32	90-244	Results:NONE	1L	Results:NONE	NONE
B 6. 30	REACTOR VESSEL	1	2-ISI-39	UT0	STUDS 17-32	90-244	Results:NONE	2L	Results:NONE	NONE
B 6. 30	REACTOR VESSEL	1	2-ISI-39	VT1	STUDS 17-32	90-224	Results:NONE		Results:NONE	NONE
B 6. 50	REACTOR VESSEL	1	2-ISI-39	VT1	WASHERS 17-32	90-225	Results:NONE		Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	9	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	10	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	11	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	12	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	13	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	14	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	15	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	UT0	FLG BLTS 9-16	90-360	Results:NONE	16	Results:NONE	NONE
B 6.180	RCC PUMP 21	1	2-ISI-44	VT1	FLG BLTS 9-16	90-357	Results:NONE		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	9	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	10	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	11	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	12	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	13	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	14	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	15	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	UTO	FLG BLTS 9-16	90-359	Results:NONE	16	Results:NONE	NONE
B 6.180	RCC PUMP 22	1	2-ISI-44	VT1	FLG BLTS 9-16	90-358	Results:NONE		Results:NONE	NONE
B 7. 10	REACTOR VESSEL	1	2-ISI-38	VT1	CLAMP @ 240°	90-328	Results:NONE		Results:NONE	NONE
B 7. 20	PRESSURIZER	1	2-ISI-35	VT1	MANWAY 6-10	90-400	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 21	1	2-ISI-37	MT1	1-16 INLET MAN	90-233	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 21	1	2-ISI-37	UT0	1-16 INLET MAN	90-261	Results:NONE	1L	Results:NONE	NONE
B 7. 30	STEAM GENERATOR 21	1	2-ISI-37	VT1	1-16 INLET MAN	90-251	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 21	1	2-ISI-37	MT1	1-16 OUTLET MAN	90-234	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 21	1	2-ISI-37	UT0	1-16 OUTLET MAN	90-262	Results:NONE	1L	Results:NONE	NONE
B 7. 30	STEAM GENERATOR 21	1	2-ISI-37	VT1	1-16 OUTLET MAN	90-252	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 22	1	2-ISI-37	MT1	1-16 INLET MAN	90-235	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 22	1	2-ISI-37	UT0	1-16 INLET MAN	90-264	Results:NONE	1L	Results:NONE	NONE
B 7. 30	STEAM GENERATOR 22	1	2-ISI-37	VT1	1-16 INLET MAN	90-253	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 22	1	2-ISI-37	MT1	1-16 OUTLET MAN	90-236	Results:NONE		Results:NONE	NONE
B 7. 30	STEAM GENERATOR 22	1	2-ISI-37	UT0	1-16 OUTLET MAN	90-263	Results:NONE	1L	Results:NONE	NONE
B 7. 30	STEAM GENERATOR 22	1	2-ISI-37	VT1	1-16 OUTLET MAN	90-254	Results:NONE		Results:NONE	NONE
B 7. 40	LETDOWN HT EXCHANGER	1	2-ISI-46	VT1	FLG BLTS 5-8	90-108	Results:NONE		Results:NONE	NONE
B 7. 50	PRESSURIZER SAFETY A	1	2-ISI-30	VT1	FLG @ 2-8010A	90-186	Results:NONE		Results:NONE	NONE
B 7. 50	SEAL INJECTION A	1	2-ISI- 1A	VT1	FLG @ W-4	90-157	Results:NONE		Results:NONE	NONE
B 7. 70	RHR TAKE OFF HOT A	1	2-ISI-10C	VT1	2-8701A	90-230	Results:N/A		Results:NONE	NONE
B 7. 70	RTD RETURN A	1	2-ISI- 6	VT1	2-8001A	90-158	Results:NONE		Results:NONE	NONE
B 7. 70	RTD TAKE OFF COLD A	1	2-ISI- 3	VT1	2-2RC-1-7(T-58)	90-165	Results:NONE		Results:NONE	NONE
B 7. 70	RTD TAKE OFF HOT A	1	2-ISI- 4	VT1	2-2RC-1-10 T-58	90-160	Results:NONE		Results:NONE	NONE
B 7. 70	RTD TAKE OFF HOT A	1	2-ISI- 4	VT1	2-2RC-1-9(T-58)	90-159	Results:NONE		Results:NONE	NONE
B 7. 70	RX SI LOW HEAD A	1	2-ISI-29	VT1	2-8843A	90-144	Results:NONE		Results:NONE	NONE
B 8. 20	PRESSURIZER	1	2-ISI-36	UT45	W-6 120°-216°	90-330	Results:NONE	1	Results:NONE	NO SCAN 2 DUE TO JOINT CONFIG.
B 8. 20	PRESSURIZER	1	2-ISI-36	UT45	W-6 120°-216°	90-330	Results:NONE	3	Results:NONE	NONE
B 8. 20	PRESSURIZER	1	2-ISI-36	UT45	W-6 120°-216°	90-330	Results:NONE	4	Results:NONE	NONE

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SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 8. 20	PRESSURIZER	1	2-ISI-36	VT1	W-6 120"-216"	90-329	Results:NONE		Results:NONE	NONE
B 9. 11	ACCUMULATOR DISCH A	1	2-ISI-11	UT45	W-1	90-394	Results:NONE	1	Results:NONE	NO SCAN 2 CONFIGURATION
B 9. 11	ACCUMULATOR DISCH A	1	2-ISI-11	UT45	W-1	90-394	Results:NONE	3	Results:NONE	NONE
B 9. 11	ACCUMULATOR DISCH A	1	2-ISI-11	UT45	W-1	90-394	Results:NONE	4	Results:NONE	NONE
B 9. 11	ACCUMULATOR DISCH A	1	2-ISI-11	UT45	W-1	90-394	Results:N/A	1s	Results:NONE	NO SCANS 3s OR 4s CONFIG.
B 9. 11	ACCUMULATOR DISCH A	1	2-ISI-11	UT45	W-1	90-394	Results:NONE	2s	Results:NONE	NONE
B 9. 11	ACCUMULATOR DISCH A	1	2-ISI-11	VT1	W-1	90-121	Results:NONE		Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	PT	W-2	90-246	Results:N/A		Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:NONE	1	Results:GEO	NONE
									Scan: 1	
									Type:OD	
									Amplitude:50	
									Ax Loc:	
									Circ Loc:	
									Length:360°	
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:NONE	2	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:NONE	3	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:NONE	4	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:N/A	1s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:N/A	2s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:N/A	3s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	UT45	W-2	90-312	Results:N/A	4s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY A	1	2-ISI-30	VT1	W-2	90-255	Results:NONE		Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	PT	W-7	90-248	Results:N/A		Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:NONE	1	Results:NONE	BEST EFFORT ELBOW INNER RADIUS
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:NONE	2	Results:NONE	LMT'D 6:00 DRAIN LINE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:NONE	3	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:NONE	4	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:N/A	1s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:N/A	2s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:N/A	3s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	UT45	W-7	90-311	Results:N/A	4s	Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	VT1	W-7	90-256	Results:NONE		Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	PT	W-8	90-249	Results:N/A		Results:NONE	NONE
B 9. 11	PRESSURIZER SAFETY B	1	2-ISI-30	VT1	W-8	90-257	Results:NONE		Results:NONE	NONE

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Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 11	RCC COLD LEG B	1	2-ISI-33	PT	RCC-B-11	90-291	Results:NONE		Results:NONE	NONE
B 9. 11	RCC COLD LEG B	1	2-ISI-33	UT45	RCC-B-11	90-300	Results:NONE	2	Results:NONE	NO SCAN 1 CONFIGURATION
B 9. 11	RCC COLD LEG B	1	2-ISI-33	UT45	RCC-B-11	90-300	Results:NONE	3	Results:NONE	NONE
B 9. 11	RCC COLD LEG B	1	2-ISI-33	UT45	RCC-B-11	90-300	Results:NONE	4	Results:NONE	NONE
B 9. 11	RCC COLD LEG B	1	2-ISI-33	VT1	RCC-B-11	90-294	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	PT	W-1	90-331	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-1	90-407	Results:NONE	2	Results:NONE	NO SCAN 1 CONFIGURATION
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-1	90-407	Results:NONE	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-1	90-407	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-1	90-407	Results:N/A	3s	Results:NONE	NO SCAN 1s OR 2s CONFIGURATION
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-1	90-407	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	VT1	W-1	90-341	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	PT	W-4	90-339	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:NONE	1	Results:GEO	NONE
									Scan: 1	
									Type:OD	
									Amplitude:50	
									Ax Loc:	
									Circ Loc:	
									Length:5" 2 AREAS	
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:NONE	2	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:NONE	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:N/A	3s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-4	90-408	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	VT1	W-4	90-350	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	PT	W-5	90-340	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:NONE	1	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:NONE	2	Results:GEO	NONE
									Scan: 2	
									Type:ID CB	
									Amplitude:30	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	

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Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:NONE	2	Results:GEO	NONE
									Scan: 2	
									Type:OD	
									Amplitude:100	
									Ax Loc:	
									Circ Loc:	
									Length:9.0" - 18"	
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:NONE	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:N/A	1s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:N/A	3s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	UT45	W-5	90-409	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT A	1	2-ISI-10A	VT1	W-5	90-351	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-1	90-374	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-1	90-410	Results:NONE	2	Results:GEO	NO SCAN 1 CONFIGURATION
									Scan: ?	
									Type:ID	
									Amplitude:30	
									Ax Loc:	
									Circ Loc:	
									Length:360°	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-1	90-410	Results:NONE	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-1	90-410	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-1	90-410	Results:NONE	3s	Results:NONE	NO SCANS 1s OR 2s CONFIG.
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-1	90-410	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	VT1	W-1	90-353	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-5	90-375	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:NONE	1	Results:NONE	NO SCAN 2,3,3s & 4s DOWNSTREAM
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:NONE	2	Results:NONE	OBSTRUCTED @ 10:-12:00,
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:NONE	3	Results:NONE	12:-4:00 DUE TO RESTRAINT
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:N/A	1s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:N/A	3s	Results:NONE	NONE

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Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5	90-411	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	VT1	W-5	90-354	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-5A	90-376	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:NONE	1	Results:GEO	NONE
									Scan: 1	
									Type:ID ROOT	
									Amplitude:55	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:NONE	2	Results:GEO	NONE
									Scan: 2	
									Type:ID ROOT	
									Amplitude:40	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:NONE	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:N/A	1s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:N/A	3s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-5A	90-412	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	VT1	W-5A	90-355	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-6	90-377	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:- 0.25"	
									Circ Loc:0.0"	
									Length:3/16"	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-6	90-377	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:+ 0.25"	
									Circ Loc:2.0" CCW	
									Length:3/16"	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-6	90-377	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:WELD CL	
									Circ Loc:2.5" CCW	
									Length:1/4"	

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Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:NONE	1	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:GEO	2	Results:NONE	NONE
							Scan:2			
							Type:OD			
							Amplitude:50%			
							Ax Loc:			
							Circ Loc:			
							Length:			
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:NONE	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:NONE	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:N/A	1s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:N/A	3s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	UT45	W-6	90-413	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	VT1	W-6	90-356	Results:NONE		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20A	PT	W-9	90-149	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	PT	W-13	90-180	Results:N/A		Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	1	Results:GEO	NONE
									Scan: 1	
									Type:ID	
									Amplitude:25	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	1	Results:GEO	NONE
									Scan: 1	
									Type:OD	
									Amplitude:40	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	2	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	3	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	4	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	1s	Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	2s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	3s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	UT45	W-13	90-185	Results:N/A	4s	Results:NONE	NONE
B 9. 11	RHR TAKE OFF HOT B	1	2-ISI-20B	VT1	W-13	90-181	Results:N/A		Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	1	Results:NONE	ALL SCAN LMT'D 7:-11:00 DUE TO
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	2	Results:NONE	WELDED SUPPORT
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	3	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	4	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	1s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	2s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	3s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-10	90-182	Results:NONE	4s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	1	Results:NONE	SCANS 1,3,4,1s & 2s OBSTRUCT
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	2	Results:NONE	@ 8:-10:00 DUE TO WELDED
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	3	Results:NONE	SUPPORT
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	4	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	1s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	2s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	3s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-11	90-184	Results:NONE	4s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	1	Results:NONE	SCANS 2,3,4,3s, & 4s OBSTRUCT
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	2	Results:NONE	@ 7:-8:00 DUE TO WELDED
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	3	Results:NONE	SUPPORT
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	4	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	1s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	2s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	3s	Results:NONE	NONE
B 9. 11	SPRAY TO PZR BR A	1	2-ISI- 7A	UT45	W-9	90-183	Results:NONE	4s	Results:NONE	NONE
B 9. 21	AUX SPRAY TO PZR	1	2-ISI-24	PT	W-17	90-292	Results:N/A		Results:NONE	NONE
B 9. 21	AUX SPRAY TO PZR	1	2-ISI-24	VT1	W-17	90-295	Results:NONE		Results:NONE	NONE
B 9. 21	CHARGING LINE B	1	2-ISI-13A	PT	W-1	90-152	Results:NONE		Results:NONE	NONE
B 9. 21	CHARGING LINE B	1	2-ISI-13A	VT1	W-1	90-212	Results:NONE		Results:NONE	NONE
B 9. 21	CHARGING LINE B	1	2-ISI-13A	PT	W-6	90-398	Results:N/A		Results:NONE	NONE
B 9. 21	CHARGING LINE B	1	2-ISI-13A	VT1	W-6	90-213	Results:NONE		Results:NONE	NONE
B 9. 21	CHARGING LINE B	1	2-ISI-13C	PT	W-66	90-142	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 21	CHARGING LINE B	1	2-ISI-13C	VT1	W-66	90-214	Results:NONE		Results:NONE	NONE
B 9. 21	LETDOWN LINE B	1	2-ISI-16	PT	W-2	90-390	Results:N/A		Results:NONE	NONE
B 9. 21	LETDOWN LINE B	1	2-ISI-16	VT1	W-2	90-215	Results:NONE		Results:NONE	NONE
B 9. 21	PRESSURIZER RELIEF B	1	2-ISI-27	PT	W-2	90-250	Results:N/A		Results:NONE	NONE
B 9. 21	PRESSURIZER RELIEF B	1	2-ISI-27	VT1	W-2	90-258	Results:NONE		Results:NONE	NONE
B 9. 21	RTD RETURN A	1	2-ISI- 6	PT	W-1	90-117	Results:N/A		Results:NONE	NONE
B 9. 21	RTD RETURN A	1	2-ISI- 6	VT1	W-1	90-120	Results:NONE		Results:NONE	NONE
B 9. 21	RTD TAKE OFF COLD A	1	2-ISI- 3	PT	W-7	90-115	Results:N/A		Results:NONE	NONE
B 9. 21	RTD TAKE OFF COLD A	1	2-ISI- 3	VT1	W-7	90-119	Results:NONE		Results:NONE	NONE
B 9. 21	RTD TAKE OFF HOT A	1	2-ISI- 4	PT	W-30	90-133	Results:N/A		Results:NONE	NONE
B 9. 21	RTD TAKE OFF HOT A	1	2-ISI- 4	VT1	W-30	90-122	Results:N/A		Results:NONE	NONE
B 9. 21	RX SI LOW HEAD A	1	2-ISI-25	PT	W-11	90-315	Results:N/A		Results:NONE	NONE
B 9. 21	RX SI LOW HEAD A	1	2-ISI-25	VT1	W-11	90-320	Results:NONE		Results:NONE	NONE
B 9. 21	SEAL INJECTION A	1	2-ISI- 1A	PT	W-14	90-314	Results:N/A		Results:NONE	NONE
B 9. 21	SEAL INJECTION A	1	2-ISI- 1A	VT1	W-14	90-319	Results:NONE		Results:NONE	NONE
B 9. 21	SEAL INJECTION A	1	2-ISI- 1A	PT	W-2	90-313	Results:N/A		Results:NONE	NONE
B 9. 21	SEAL INJECTION A	1	2-ISI- 1A	VT1	W-2	90-318	Results:NONE		Results:NONE	NONE
B 9. 21	SEAL INJECTION B	1	2-ISI-12A	PT	W-40	90-271	Results:N/A		Results:NONE	NONE
B 9. 21	SEAL INJECTION B	1	2-ISI-12A	VT1	W-40	90-282	Results:NONE		Results:NONE	NONE
B 9. 21	SEAL INJECTION B	1	2-ISI-12A	PT	W-52	90-272	Results:N/A		Results:NONE	NONE
B 9. 21	SEAL INJECTION B	1	2-ISI-12A	VT1	W-52	90-283	Results:NONE		Results:NONE	NONE
B 9. 21	SI HIGH HEAD A	1	2-ISI- 5	PT	W-6	90-116	Results:N/A		Results:NONE	NONE
B 9. 21	SI HIGH HEAD A	1	2-ISI- 5	VT1	W-6	90-118	Results:NONE		Results:NONE	NONE
B 9. 21	SPRAY TO PZR BR B	1	2-ISI- 7D	PT	W-1	90-307	Results:N/A		Results:NONE	NONE
B 9. 21	SPRAY TO PZR BR B	1	2-ISI- 7D	VT1	W-1	90-308	Results:NONE		Results:NONE	NONE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	PT	W-R	90-075	Results:N/A		Results:NONE	NONE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	UT45	W-R	90-393	Results:NONE	1	Results:NONE	NO SCAN 2 NOZZLE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	UT45	W-R	90-393	Results:NONE	3	Results:NONE	NONE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	UT45	W-R	90-393	Results:NONE	4	Results:NONE	NONE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	UT45	W-R	90-393	Results:N/A	1s	Results:NONE	NO SCAN 3s OR 4s NOZZLE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	UT45	W-R	90-393	Results:N/A	2s	Results:NONE	NONE
B 9. 31	ACCUMULATOR DISCH B	1	2-ISI-22	VT1	W-R	90-296	Results:NONE		Results:NONE	NONE
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	PT	W-R	90-134	Results:NONE		Results:NONE	NONE
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	UT45	W-R	90-392	Results:NONE	1	Results:NONE	NO SCAN 2 NOZZLE
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	UT45	W-R	90-392	Results:NONE	3	Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	UT45	W-R	90-392	Results:NONE	4	Results:NONE	NONE
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	UT45	W-R	90-392	Results:N/A	1s	Results:NONE	NO SCAN 3s OR 4s NOZZLE
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	UT45	W-R	90-392	Results:N/A	2s	Results:NONE	NONE
B 9. 31	SI HIGH HEAD A	1	2-ISI- 8	VT1	W-R	90-123	Results:N/A		Results:NONE	NONE
B 9. 32	RX SI LOW HEAD A	1	2-ISI-25	PT	W-1	90-316	Results:NONE		Results:NONE	NONE
B 9. 32	RX SI LOW HEAD A	1	2-ISI-25	VT1	W-1	90-321	Results:NONE		Results:NONE	NONE
B 9. 32	SPRAY TO PZR BR B	1	2-ISI- 7D	PT	W-R	90-309	Results:NONE		Results:NONE	NONE
B 9. 32	SPRAY TO PZR BR B	1	2-ISI- 7D	VT1	W-R	90-319	Results:NONE		Results:NONE	NONE
B 9. 40	ACCUMULATOR DISCH A	1	2-ISI-11	PT	W-1	90-132	Results:N/A		Results:NONE	NONE
B 9. 40	LETDOWN LINE B	1	2-ISI-16	PT	W-18	90-143	Results:NONE		Results:NONE	NONE
B 9. 40	LETDOWN LINE B	1	2-ISI-16	VT1	W-18	90-216	Results:NONE		Results:NONE	NONE
B 9. 40	RTD TAKE OFF COLD B	1	2-ISI-14	PT	W-7	90-153	Results:NONE		Results:NONE	NONE
B 9. 40	RTD TAKE OFF COLD B	1	2-ISI-14	VT1	W-7	90-217	Results:NONE		Results:NONE	NONE
B 9. 40	RTD TAKE OFF HOT B	1	2-ISI-15	PT	W-30	90-154	Results:NONE		Results:NONE	NONE
B 9. 40	RTD TAK OFF HOT B	1	2-ISI-15	VT1	W-30	90-218	Results:NONE		Results:NONE	NONE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	PT	10/F3	90-420	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	VT1	10/F3	90-425	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	PT	11/F2	90-419	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	VT1	11/F2	90-424	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	PT	12/F1	90-418	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	VT1	12/F1	90-423	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	PT	W-12	90-317	Results:NONE		Results:NONE	NONE
B 9. 40	SEAL INJECTION A	1	2-ISI- 1A	VT1	W-12	90-322	Results:NONE		Results:NONE	NONE
B 9. 40	SEAL INJECTION B	1	2-ISI-12C	VT1	13B	90-427	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION B	1	2-ISI-12C	PT	13A	90-421	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION B	1	2-ISI-12C	VT1	13A	90-426	Results:N/A		Results:NONE	BASELINE
B 9. 40	SEAL INJECTION B	1	2-ISI-12C	PT	13B	90-422	Results:N/A		Results:NONE	BASLEINE
B10. 10	ACCUMULATOR DISCH B	1	2-ISI-22	PT	RHRRH-36/B1	90-332	Results:NONE		Results:NONE	NONE
B10. 10	ACCUMULATOR DISCH B	1	2-ISI-22	VT1	RHRRH-36/B1	90-226	Results:NONE		Results:NONE	NONE
B10. 20	RCC PUMP 21	1	2-ISI-84	PT	SUPPORT B	90-333	Results:N/A		Results:NONE	NONE
B10. 20	RCC PUMP 21	1	2-ISI-84	VT-3	SUPPORT B	90-352	Results:N/A		Results:NONE	NONE
B10. 20	RCC PUMP 21	1	2-ISI-84	VT1	SUPPORT B	90-342	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS I

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-1	1	SEAL INJECTION (GENERAL)	A	-	-	-	-	
2-ISI-1A	1		A	1½-2VC-21A	1½"	.281"	1	S/S
2-ISI-1B	1		A	2-2VC-21A	2"	.344"	3	S/S
2-ISI-1C	1		A	2-2VC-21A	2"	.344"	3	S/S
2-ISI-2	1	CROSSOVER DRAIN	A	2-2RC-10A	2"	.344"	3	S/S
			A	2-2RC-11A	2"	.344"	3	S/S
2-ISI-3	1	RTD TAKEOFF COLD LEG	A	2-2RC-8A	2"	.344"	3	S/S
2-ISI-4	1	RTD TAKEOFF HOT LEG	A	2-2RC-7A	2"	.344"	3	S/S
2-ISI-5	2	SAFETY INJECTION HIGH HEAD	A	2-2SI-35A	2"	.344"	3	S/S
2-ISI-6	1	RTD RETURN	A	3-2RC-6A	3"	.438"	4	S/S
2-ISI-7	1	SPRAY TO PRESSURIZER (GENERAL)	A&B	-	-	-	-	
2-ISI-7A	1		A	3-2RC-5	3"	.438"	4	S/S
2-ISI-7B	1		A	3-2RC-5	3"	.438"	4	S/S
2-ISI-7C	2		A	3-2RC-5	3"	.438"	4	S/S
2-ISI-7D	2		B	3-2RC-5	3"	.438"	4	S/S
2-ISI-8	2	SAFETY INJECTION HIGH HEAD	A	6-2RC-13B	6"	.719"	6	S/S
2-ISI-9	1	PLO-CAP	A	6-2RC-13A	6"	.719"	6	S/S
2-ISI-10	1	RHR TAKEOFF (GENERAL)	-	-	-	-	-	
2-ISI-10A	2		A	8-2RC-15A	8"	.812"	8	S/S
2-ISI-10B	1		A	8-2RH-1A	8"	.812"	8	S/S
2-ISI-10C	2		A	8-2RH-1A	8"	.812"	8	S/S

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS I

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-11	2	ACCUMULATOR DISCHARGE	A	12-2RC-16A	12"	1.312"	11	S/S
			A	12-2SI-27A	12"	1.312"	11	S/S
2-ISI-12	1	SEAL INJECTION (GENERAL)	-	-	-			
2-ISI-12A	1		B	2-2VC-21B	2"	.344"	3	S/S
2-ISI-12B	1		B	2-2VC-21B	2"	.344"	3	S/S
2-ISI-12C	1		B	1½-2VC-21B	1½"	.281"	1	S/S
2-ISI-13	2	CHARGING LINE (GENERAL)	-	-	-	-	-	
2-ISI-13A	1		B	2-2RC-17	2"	.344"	3	S/S
2-ISI-13B	2		B	2-2VC-5	2"	.344"	3	S/S
2-ISI-13C	1		B	2-2VC-6	2"	.344"	3	S/S
2-ISI-13D	1		B	2-2VC-6	2"	.344"	3	S/S
2-ISI-14	1	RTD TAKEOFF COLD LEG	B	2-2RC-8B	2"	.344"	3	S/S
2-ISI-15	1	RTD TAKEOFF HOT LEG	B	2-2RC-7B	2"	.344"	3	S/S
2-ISI-16	1	CROSSOVER DRAIN AND LETDOWN	B	2-2RC-10B	2"	.344"	3	S/S
			B	2-2RC-11B	2"	.344"	3	S/S
			B	2-2RC-12	2"	.344"	3	S/S
2-ISI-17	1	RTD RETURN	B	3-2RC-6B	3"	.438"	4	S/S
2-ISI-18	2	SAFETY INJECTION HIGH HEAD	B	6-2RC-13D	6"	.719"	6	S/S
2-ISI-19	1	PLO-CAP	B	6-2RC-13C	6"	.719"	6	S/S
2-ISI-20	2	RHR TAKE OFF (GENERAL)	B	-	-	-	-	
2-ISI-20A	2		B	8-2RC-15B	8"	.812"	8	S/S
2-ISI-20B	1		B	8-2RH-1B	8"	.812"	8	S/S
2-ISI-20C	2		B	8-2RH-1B	8"	.812"	8	S/S

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

TABLE III

CLASS I

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-21	2	RHR RETURN	B	10-2SI-26	10"	1.000"	10	S/S
2-ISI-22	2	ACCUMULATOR DISCHARGE	B	12-2RC-16B	12"	1.312"	11	S/S
			B	12-2SI-27B	12"	1.312"	11	S/S
2-ISI-23	1	SAFETY INJECTION HIGH HEAD	B	2-2SI-35B	2"	.344"	3	S/S
2-ISI-24	1	AUXILIARY SPRAY	-	2-2RC-19	2"	.344"	3	S/S
			-	2-2RC-4	2"	.344"	3	S/S
2-ISI-25	1	REACTOR VESSEL SAFETY INJECTION	A	2-2SI-24A	2"	.344"	3	S/S
2-ISI-26	2	REACTOR VESSEL SAFETY INJECTION	B	2-2SI-24B	2"	.344"	3	S/S
2-ISI-27	1	PRESSURIZER RELIEF	A&B	3-2RC-21	3"	.438"	4	S/S
2-ISI-28	2	REACTOR VESSEL SAFETY INJECTION	B	4-2RC-14B	4"	.531"	5	S/S
			B	6-2RC-14B	6"	.719"	6	S/S
			B	6-2SI-25B	6"	.719"	6	S/S
2-ISI-29	2	REACTOR VESSEL SAFETY INJECTION	A	4-2RC-14A	4"	.531"	5	S/S
			A	6-2RC-14A	6"	.719"	6	S/S
			A	6-2SI-25A	6"	.719"	6	S/S
2-ISI-30	2	PRESSURIZER SAFETY	A	6-2RC-20A	6"	.719"	6	S/S
			B	6-2RC-20B	6"	.719"	6	S/S
2-ISI-31	1	PRESSURIZER SURGE	B	10-2RC-4	10"	1.000"	10	S/S

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS I

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-32	3	REACTOR COOLANT	A	29-2RC-1A	29"	2.71"	15	CAST
			A	31-2RC-2A	31"	2.89"	15	CAST
			A	27½-2RC-3A	27½"	2.57"	15	CAST
2-ISI-33	3	REACTOR COOLANT	B	29-2RC-1B	29"	2.71"	15	CAST
			B	31-2RC-2B	31"	2.89"	15	CAST
			B	27½-2RC-3B	27½"	2.57"	15	CAST
2-ISI-34	1	REGENATIVE HEAT EXCHANGER	-	TUBESHEET-TO-HEAD		.719"	6	S/S
2-ISI-35	1	PRESSURIZER SAFETY & RELIEF NOZZLES	-	-	-	-	-	
2-ISI-36	1	PRESSURIZER	-	WELDS	-	4.400"	25A	CLAD
			-	SKIRT WELD	-	1.500"	16	C/S
2-ISI-37	1	STEAM GENERATORS	A&B	TUBESHEET-TO-HEAD		5.16"	25A	CLAD
2-ISI-38	2	REACTOR VESSEL CONOSEAL BLT	-	-	-	-	-	
2-ISI-39	1	REACTOR VESSEL STUDS, NUTS, AND WASHERS	-	-	-	-	Y50	C/S
2-ISI-40	2	REACTOR VESSEL NOZZLES	-	-	-	-	-	
2-ISI-41	2	REACTOR VESSEL HEAD WELDS	-	-	-	5.512" 6.299"	25A	CLAD
2-ISI-42	1	REACTOR VESSEL SHELL WELDS	-	-	-	-	-	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
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CLASS I

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-43	1	RC PUMP SEAL HOUSE BOLTS	A&B	-	-	-	-	
2-ISI-44	1	RC PUMP FLANGE BOLTS	A&B	-	-	-	-	
2-ISI-45	1	RC PUMP FLYWHEELS	A&B	-	-	-	-	
2-ISI-46 CLASS I	1	EXCESS LETDOWN HEAT EXCHANGER	-	HEAD-TO-FLANGE		.718"	6	S/S
		COMPONENT SUPPORTS						
2-ISI-77A	0	STEAM GENERATORS (GENERAL)	-	-	-	-	-	
2-ISI-77	1	S/G SUPPORT BASE	A&B	-	-	-	-	
2-ISI-77B	1	S G COLUMN PINS	A&B	8/GEN.	-	-	-	
		R C PUMP TIE BACK PINS	A&B	3/PUMP	-	-	-	
		R C PUMP COLUMN PINS	A&B	6/PUMP	-	-	-	
2-ISI-77C	1	R C PUMP TIE BACK BOLTS	A&B	3/PUMP	-	-	-	
2-ISI-77D	1	S G HELICOIL SCREWS	A&B	24/GEN.	-	-	-	
2-ISI-78	1	S/G SUPPORT TOP	A&B	-	-	-	-	
2-ISI-79A	0	REACTOR COOLANT PUMPS (GENERAL)	A&B	-	-	-	-	
2-ISI-79	1	RC PUMP SUPPORT BASE	A&B	-	-	-	-	
2-ISI-80	1	RC PUMP SUPPORT TOP	A&B	-	-	-	-	
2-ISI-81	1	RCP 22 LOWER LATERAL SUPPORT	B	-	-	-	-	
2-ISI-84	1	RCP 21 LOWER LATERAL SUPPORT	A	-	-	-	-	
2-ISI-85	2	STEAM GENERATOR UPPER SUPPORT	A&B	-	-	-	-	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS I

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-86	1	S/G UPPER SUPPORT SNUBBERS	A&B	-	-	-	-	
2-ISI-87	1	S/G SUPPORT PAD TOP	A&B	-	-	-	-	
2-ISI-88	1	PRESSURIZER BASE	-	-	-	-	-	
2-ISI-89	1	ACCUMULATOR BASE	A&B	-	-	-	-	

APPENDIX B

ASME CLASS II EXAMINATIONS

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S2.1.1
PAGE 1 OF 3

INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PRESSURE VESSEL - STEAM GENERATOR

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-A	PRESSURE RETAINING WELDS IN PRESSURE VESSELS					
C1.10	C-A	SHELL CIRCUMFERENTIAL WELDS					
		STEAM GENERATOR NO 21					
		WELD C	ONE	424"	424"	W-C (100%)	88-242,244,246,243
		WELD E	TWO	424"	424"	W-E (100%)	90-228,227,229,204
		WELD F		-	552"	W-F (100%)	90-136,156,145,155
		STEAM GENERATOR NO 22					
		WELD F	THREE	522"	-		
C1.20	C-A	HEAD CIRCUMFERENTIAL WELDS					
		STEAM GENERATOR NO 22					
		WELD H	THREE	100%	-		
C1.30	C-A	TUBESHEET TO SHELL WELD					
		STEAM GENERATOR NO 22					
		WELD B	THREE	100%	-		

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PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S2.1.1
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MAJOR ITEM: PRESSURE VESSEL - STEAM GENERATOR

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-B	PRESSURE RETAINING NOZZLE WELDS IN VESSELS					
C2.10	C-B	NOZZLE IN VESSELS 1/2 INCH AND LESS NOMINAL THICKNESS	-	-	-	-NONE-	
C2.20	C-B	NOZZLE WITHOUT REINFORCING PLATE IN VESSEL GREATER THAN 1/2 INCH NOMINAL THICKNESS					
C2.21	C-B	NOZZLE-TO-SHELL (OR HEAD) WELDS					
		STEAM GENERATOR NO. 21					
		MAIN STEAM NOZZLE	TWO	1	1	N-4	89-373,374,375,294
		FEEDWATER NOZZLE	-	-	-		
		STEAM GENERATOR NO. 22					
		MAIN STEAM NOZZLE	-	-	-		
		FEEDWATER NOZZLE	THREE	1	-		
C2.22	C-B	NOZZLE INSIDE RADIUS SECTION					
		STEAM GENERATOR NO. 21					
		MAIN STEAM NOZZLE	TWO	*1	-		* RELIEF NO. 66
		FEEDWATER NOZZLE	-	-	-		
		STEAM GENERATOR NO. 22					
		MAIN STEAM NOZZLE	-	-	-		* RELIEF NO. 66
		FEEDWATER NOZZLE	THREE	*1	-		

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TABLE S2.1.1
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PRESSURE VESSEL - STEAM GENERATOR

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C2.30	C-B	NOZZLE WITH REINFORCING PLATE IN VESSEL GREATER THAN 1/2 INCH NOMINAL THICKNESS	-	-	-	-NONE-	
	C-C	INTEGRAL ATTACHMENTS FOR VESSELS					
C3.10	C-C	INTEGRALLY WELDED ATTACHMENTS	-	-	-	-NONE-	
	C-D	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
C4.10	C-D	BOLTS AND STUDS	-	-	-	-NONE-	
	C-H	ALL PRESSURE RETAINING COMPONENTS					
C7.10	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000.
C7.20	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		

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PRAIRIE ISLAND UNIT 2

TABLE S2.1.2
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PRESSURE VESSEL - ACCUMULATORS

SJB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-A	PRESSURE RETAINING WELDS IN PRESSURE VESSELS					
C1.10	C-A	SHELL CIRCUMFERENTIAL WELDS	-	-	-	-NONE-	
C1.20	C-A	HEAD CIRCUMFERENTIAL WELDS					
		ACCUMULATOR NO. 21					
		WELD 2	TWO THREE	1 2	* -	MISSED PERIOD TWO	RESCHEDULE FOR PERIOD THREE
		WELD 5	-	-	-		
		ACCUMULATOR NO. 22					
		WELD 2	-	-	-		
		WELD 5	THREE	1	-		

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TABLE S2.1.2
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MAJOR ITEM: PRESSURE VESSEL - ACCUMULATORS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-B	PRESSURE RETAINING NOZZLE WELDS IN VESSELS					
C2.10	C-B	NOZZLE IN VESSELS 1/2 INCH AND LESS NOMINAL THICKNESS	-	-	-	-NONE-	
C2.20	C-B	NOZZLE WITHOUT REINFORCING PLATE IN VESSELS GREATER THAN 1/2 INCH NOMINAL THICKNESS					
C2.21	C-B	NOZZLE TO SHELL (OR HEAD) WELDS					
		ACCUMULATOR NO. 21	-	-	-		
		ACCUMULATOR NO. 22	THREE	1	-		
C2.22	C-B	NOZZLE INSIDE RADIUS SECTION					
		ACCUMULATOR NO. 21	*	-	-		* RELIEF NO. 66
		ACCUMULATOR NO. 22	THREE	*1	-		
C2.30	C-B	NOZZLE WITH REINFORCING PLATE IN VESSELS GREATER THAN 1/2 INCH NOMINAL THICKNESS					
	C-C	INTEGRAL ATTACHMENT FOR VESSELS					
C3.10	C-C	INTEGRALLY WELDED ATTACHMENTS	-	-	-	-NONE-	

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TABLE S2.1.2
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PRESSURE VESSEL - ACCUMULATORS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-D	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
C4.10	C-D	BOLTS AND STUDS	-	-	-	-NONE-	
	C-H	ALL PRESSURE RETAINING COMPONENTS					
C7.10	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDRO-STATIC TEST REQUIRED BY IWB-5000.
C7.20	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		

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TABLE S2.1.3
PAGE 1 OF 2
MAJOR ITEM: RHR HEAT EXCHANGERS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-A	PRESSURE RETAINING WELDS IN PRESSURE VESSELS					
C1.10	C-A	SHELL CIRCUMFERENTIAL WELDS					
		RHR HEAT EXCHANGER NO 21	THREE	*1	-		* RELIEF NO. 45
		RHR HEAT EXCHANGER NO 22	-	-	-		
C1.20	C-A	HEAD CIRCUMFERENTIAL WELDS					
		RHR HEAT EXCHANGER NO 21	-	-	-		
		RHR HEAT EXCHANGER NO 22	THREE	*1	-		* RELIEF NO. 45
	C-B	PRESSURE RETAINING NOZZLE WELDS IN VESSELS					
C2.10	C-B	NOZZLE IN VESSELS 1/2 INCH AND LESS NOMINAL THICKNESS	-	-	-	-NONE-	
C2.11		RHR HEAT EXCHANGER NO 21					
		WELD 3	TWO	1	1	W-3	90-047,049
C2.11		RHR HEAT EXCHANGER NO 22					
		WELD 4	THREE	1	-		
C2.30	C-B	NOZZLE WITH REINFORCING PLATE IN VESSELS GREATER THAN 1/2 INCH NOMINAL THICKNESS	-	-	-	-NONE-	

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IB EM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-C	INTEGRAL ATTACHMENT FOR VESSELS					
C3.10	C-C	INTEGRALLY WELDED ATTACHMENTS					
		RHR HEAT EXCHANGER NO 21	TWO	1	1	SUPPORT A	90-048,050,013
		RHR HEAT EXCHANGER NO 22	THREE	1	-		
	C-D	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
C4.10	C-D	BOLTS AND STUDS	-	-	-	-NONE-	
	C-H	ALL PRESSURE RETAINING COMPONENTS					
C7.10	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDRO-STATIC TEST REQUIRED BY IWB-5000.
C7.20	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S2.1.4
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: BORIC ACID TANKS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-A	PRESSURE RETAINING WELDS IN PRESSURE VESSELS					
C1.10	C-A	SHELL CIRCUMFERENTIAL WELDS	-	-	-	-NONE-	
C1.20	C-A	HEAD CIRCUMFERENTIAL WELDS					
		BORIC ACID TANK 21	THREE	-	-		
	C-B	PRESSURE RETAINING NOZZLE WELDS IN VESSELS					
C2.10	C-B	NOZZLE IN VESSELS 1/2 INCH AND LESS NOMINAL THICKNESS					
C2.11		BORIC ACID TANK 21	THREE	-	-		
	C-C	INTEGRAL ATTACHMENT FOR VESSELS	-	-	-	-NONE-	
	C-D	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER	-	-	-	-NONE-	

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TABLE S2.1.4
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MAJOR ITEM: BORIC ACID TANKS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-H	ALL PRESSURE RETAINING COMPONENTS					
C7.10	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORDANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDROSTATIC TEST REQUIRED BY IWB-5000.
C7.20	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		

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INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S2.2
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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-C	INTEGRAL ATTACHMENTS FOR PIPING					
C3.20	C-C	INTEGRALLY WELDED ATTACHMENTS					
		MAIN STEAM A	ONE	4	4	I,AI,C	85-036/86-024,048, 051,038,251,253
						J	88-086 116,081
			TWO	5	6	A,D	89-079,080,081 149,109
						H,P	89-150,152,282,283
						K,M	90-239,259,076, 273,260,137
			THREE	5	-		
		MAIN STEAM B	ONE	4	4	D	85-037/86-073
						A,J	86-023,049,052,022, 250,250R,252,252R
						I,D	88-247,255,082, 263,264
			TWO	5	5	L,K	89-284,285,286,287
						H,C	90-135,097,240 096,095
						AI	90-055,058,061,061R
			THREE	5	-		
		MAIN STEAM A & B RELIEF HEADER	ONE	-	-		
			TWO	1	1	P	89-282,283,353
			THREE	1	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C3.20	C-C	(CONTINUED)					
		FEEDWATER A	ONE	3	3	A	85-116,117/86-035
						H	86-036,267,270
						K,A	88-083,065,069, 084,068
			TWO	3	3	L	89-151,153
						B	90-237,237R,265,078
						F	90-238,266,080
			THREE	3	-		
		FEEDWATER B	-	-	-		ALL ENCAPSULATED
		RHR PUMP SUCTION	ONE	-	-		
			TWO	1	1	C	90-269,219,161
			THREE	1	-		
		RHR PUMP DISCHARGE	ONE	-	-	MISSED PERIOD ONE	
			TWO	1	1	L	89-277,248
						L (REPEAT)	90-270,220,171
			THREE	-	-		
		REACTOR VESSEL SAFETY INJECTION	ONE	1	1	A	86-060,203,203R,222
			TWO	-	-		
			THREE	-	-		
		CONTAINMENT SUMP B DISCHARGE	-	-	-	EMBEDDED	

NORTHERN STATES POWER CO.
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-D	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
C4.20	C-D	BOLTS AND STUDS	---	---	---	-NONE-	
	C-F	PRESSURE RETAINING WELDS IN PIPING					
C5.10	C-F	PIPING WELDS 1/2 INCH AND LESS NOMINAL WALL THICKNESS					
C5.11 C5.12	C-F C-F	CIRCUMFERENTIAL WELDS AND LONGITUDINAL WELDS					
		('75 CATEGORY C-F)					
		RHR PUMP SUCTION	ONE	2	2	W-109	86-215,218
		12-2RH-5A				W-146	88-230,231
		12-2RH-5B	TWO	-	1	W-149	89-040,041
			THREE	2	-		
		10-2HR-3	ONE	2	2	208 (REPEAT)	85-051/88-288,269
						260	88-128,129
			TWO	-	-		
			THREE	4	-		
		8-2RH-4A	ONE	1	1	W-130	86-216,219
		8-2RH-4B	TWO	1	1	W-102	90-021,023
			THREE	-	-		
		8-2RH-5A	ONE	-	-		
		8-2RH-5B	TWO	1	1	W-135	90-028,030
			THREE	-	-		

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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.11 & C5.12	C-F	(CONTINUED)					
		RHR PUMP DISCHARGE					
		6-2RH-12	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		10-2RH-11	ONE	2	2	W-171/W-166	85-126/86-202,220
			TWO	3	3	W-172,169,165	89-007,008,009,010 004,004R,005,005R
			THREE	-	-		
		SAFETY INJECTION					
		6-2SI-10B	ONE	1	2	W-131/W-23	86-001,002/88-102,103
			TWO	2	2	W-29,33	90-032,035,033,036
			THREE	-	-		
		SAFETY INJECTION PUMPS SUCTION					
		6-2SI-13A 6-2SI-13B	ONE	2	3	W-164 W-123,155	85-127 88-289,273,293,266
			TWO	-	-		
			THREE	1	-		

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MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.11 & C5.12	C-F	(CONTINUED)					
		BORIC ACID SUPPLY TO SAFETY INJECTION					
		12-2SI-11	ONE	1	1	W-46	86-126,137
			TWO	1	1	W-38	90-039,042
			THREE	1	-		
		8-2SI-17*	ONE	3	19	W-20,21,23,24,25	* SAME LINE 85-052,059,060,061,062
		8-2SI-18*				W-26,27,28,45,34	85-119,120,121,122,124
						W-46,47,48,52,62	85-125,132,133,134,135
						W-55	85-136,137
						W-19,10,53	85-143,144,145
					3	W-58,54F,45	88-286,272,284. 271,287,270
			TWO	4	4	W-69,61	89-021,022,023,024
						W-48,55F	90-040,043,041,044
			THREE	6	-		
		SAFETY INJECTION PUMP SUCTION					
		6-2RH-10B	ONE	3	3	W-155/W-115R2	85-128,86-097,099
		6-2RH-10A				W-164	88-229,265
			TWO	3	3	W-154	89-013,014
						W-143,78	90-018,019,029,031
			THREE	2	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.11 & C5.12	C-F	(CONTINUED)					
		BORIC ACID SUPPLY					
		8-2SI-18*	ONE	-	-		* SAME LINE
		8-VC-71C*	TWO	3	3	W-9,10	89-036,037,038,039
						W-18	90-045,046
			THREE	1	-		
		MAIN STEAM A & B					
		6-2MS-1	ONE	1	1	MS-114	86-084,087
		6-2MS-2	TWO	-	-		
			THREE	1	-		
		REFUELING WATER STORAGE TANK DISCHARGE					
		14-2SI-1	ONE	1	1	W-53W	86-098,100
			TWO	1	1	W-50W	89-015,016
			THREE	1	-		
		12-2SI-3A	ONE	-	-		
		12-2SI-3B	TWO	1	-	MISSED PER TWO	
			THREE	-	-		
		12-2SI-4	ONE	1	1	W-67	86-214,217
			TWO	-	-		
			THREE	1	-		
		12-2SI-11	ONE	1	1	W-41	88-283,226
			TWO	-	1	W-47	89-018,017
			THREE	-	-		

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.11 & C5.12	C-F	(CONTINUED)					
		10-2SI-8	ONE	1	1	W-73 (REPEAT)	85-131/88-294,225
			TWO	1	1	W-71W	90-034,037
			THREE	1	-		
C5.20	C-F	PIPING WELDS GREATER THAN 1/2 INCH NOMINAL WALL THICKNESS					
C5.21	C-F	CIRCUMFERENTIAL WELDS AND					
C5.22	C-F	LONGITUDINAL WELDS					
		('75 CATEGORY C-F)					
		MAIN STEAM A & B					
		32-2MS-1	ONE	-	-		
		32-2MS-2	TWO	-	-		
			THREE	1	-		
		31-2MS-1	ONE	1	1	MS-4	88-212,222,193
		31-2MS-2	TWO	1	1	MS-1	90-056,247,059
			THREE	1	-		
		30-2MS-1	ONE	1	1	MS-85+LONG SEAM	86-047,050,059,092
		30-2MS-2	TWO	1	1	MS-82+LONG SEAM	90-057,057R,323,060
			THREE	1	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.21 & C5.22	C-F	(CONTINUED)					
		MAIN STEAM A & B RELIEF HEADER					
		30-2MS-1	ONE	-	-		
		30-MS-2	TWO	1	1	MS-23	90-274,297,284
			THREE	1	-		
		FEEDWATER A & B					* SAME LINE
							** SAME LINE
		16-2FW-13*	ONE	2	4	FW-133,177	85-001,001R,002,002R 007,008,009,010
		16-2FW-12*					86-032,026,028,033, 025,027
		16-2FW-11*					88-008,035,005,033 034,007,036,006
		16-2FW-16**				FW-201	86-269,279,280
		16-2FW-15**				FW-169	88-245,221,251,085
			TWO	1	1	FW-158	89-288,405,289
						FW-133,177	89-049,078,048,076
							89-046,046R,077 047,075
						FW-133,177	90-099,051,101,053, 098,052,100,054
			THREE	2	-		

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.21 & C5.22	C-F	(CONTINUED)					
		REACTOR VESSEL SAFETY INJECTION					
		6-2SI-25A	ONE	1	1	W-30	85-011,015
		6-2SI-25B	TWO	2	2	W-31,27	89-054,089,055 056,056R
			THREE	-	-		89-090,057,057R
		ACCUMULATOR DISCHARGE					
		12-2SI-28A	ONE	1	1	W-6 (REPEAT)	85-038,050
		12-2SI-28B					88-155,158
			TWO	-	-		
			THREE	-	-		
		12-2SI-29A	ONE	-	-		
		12-2SI-29B	TWO	-	-		
			THREE	1	-		
C5.30	C-F	PIPE BRANCH CONNECTIONS GREATER THAN 4 INCH NOMINAL BRANCH PIPE SIZE					

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S2.2
PAGE 10 OF 10
MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.31	C-F	CIRCUMFERENTIAL WELDS					
		('75 CATEGORY C-G)					
		MAIN STEAM A & B RELIEF HEADER					
		30-2MS-1	ONE	2	2	MS-181B	85-012,019
		30-2MS-2				MS-187A	86-088,085,101
			TWO	2	2	MS-185B	89-270,271(ENCAPPED)
						MS-183B	90-275,416,285
			THREE	3	-		
		FEEDWATER A & B					
		16-2FW-13	ONE	-	-		
		16-2FW-16	TWO	-	-		
			THREE	1	-		
C5.32	C-F	LONGITUDINAL WELDS	---	---	---	-NONE-	
	C-H	ALL PRESSURE RETAINING COMPONENTS					
C7.30	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDRO-STATIC TEST REQUIRED BY IWB-5000.
C7.40	C-H	PRESSURE RETAINING BOUNDARY	*	-	-		

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Form 17-2476 (5-89)
(M&SP 5.2)

PPM-0044, Rev. 1 (5/89)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE S2.3
PAGE 1 OF 2

INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PUMPS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-C	INTEGRAL ATTACHMENT FOR PUMPS					
C3.30	C-C	INTEGRALLY WELDED ATTACHMENTS					
		RESIDUAL HEAT REMOVAL					
		PUMP NO. 21	ONE	-	-		
		PUMP NO. 22	TWO	1	1	G	90-020,022,001
			THREE	1	-		
		SAFETY INJECTION					
		PUMP NO. 21	ONE	4	4	SUPPORT A,B(21&22)	86-003,005,009,004 004R,006,010
		PUMP NO. 22				SUPPORT C,D	88-274,267,275,268
			TWO	4	4	SUPPORT C,D (VT)	89-030,031
						SUPPORT C,D(21&22)	90-378,267,379, 268,008,009
			THREE	4	-		
	C-D	PRESSURE RETAINING BOLTING, GREATER THAN 2 INCH IN DIAMETER					
C4.30	C-D	BOLTS AND STUDS	-	-	-	-NONE-	

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Form 17.2478 (5-89)
(M&SP 5.2)

PPM-0044 Rev. 1 (5/89)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE S2.3
PAGE 2 OF 2
MAJOR ITEM: PUMPS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-G	PRESSURE RETAINING WELDS IN PUMPS					
C6.10	C-G	PUMP CASING WELDS					
		SAFETY INJECTION PUMPS					
		CASING TO FLANGE WELD ON DISCHARGE					
		PUMP NO. 21 & 22	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		CASING TO FLANGE WELD ON SUCTION					
		PUMP NO. 21 & 22	ONE	-	-		
			TWO	1	1	W-C	90-380,381
			THREE	-	-		
	C-H	ALL PRESSURE RETAINING COMPONENTS					
C7.50	C-H	PPESSURE RETAINING BOUNDARY	*	-	-		* PERFORMED BY PLANT PERSONNEL IN ACCORD-ANCE WITH IWA-5000 DURING EACH SYSTEM LEAKAGE TEST AND EACH SYSTEM HYDRO-STATIC TEST REQUIRED BY IWB-5000.
C7.60	C-H	PRESSURE RETAININC BOUNDARY	*	-	-		

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Form 17-2476 (5-89)
(M&SP 5.2)

PPM-0044, Rev. 1 (5/89)

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT0	W-E	90-228	Results:NONE	1L	Results:NONE	SEE REPORT 90-227
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-E	90-227	Results:NONE	2	Results:NONE	NO SCAN 1 RESTRAINT, NO SCAN
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-E	90-227	Results:NONE	3	Results:NONE	3 & 4 UPSTREAM, LIMITED @ 13°,
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-E	90-227	Results:NONE	4	Results:NONE	17°, 32°, 36° INSULATION LUGS
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-E	90-229	Results:NONE	2	Results:GEO	NO SCAN 1 RESTRAINT
									Scan: 2	
									Type:ID	
									Amplitude:21	
									Ax Loc:	
									Circ Loc:	
									Length:0.5"	
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-E	90-229	Results:NONE	3	Results:GEO	SEE REPORT 90-227
									Scan: 3	
									Type:ID	
									Amplitude:210	
									Ax Loc:	
									Circ Loc:	
									Length:4.5"	
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-E	90-229	Results:NONE	4	Results:GEO	NONE
									Scan: 4	
									Type:ID	
									Amplitude:200	
									Ax Loc:	
									Circ Loc:	
									Length:4.5"	
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	VT1	W-E	90-204	Results:NONE		Results:NONE	NONE
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT0	W-F	90-136	Results:NONE	1L	Results:NONE	SEE REPORT 90-156
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-F	90-156	Results:NONE	1	Results:GEO	INSULATION LUGS @ 5'7"-5'10",
									Scan: 1	
									Type:ID	
									Amplitude:110	
									Ax Loc:	
									Circ Loc:	
									Length:1.5"	
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-F	90-156	Results:NONE	1	Results:GEO	13'3"-13'7", 17'1"-17'4",
									Scan: 1	
									Type:ID	
									Amplitude:100	
									Ax Loc:	
									Circ Loc:	
									Length:1.6"	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE 8-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-F	90-156	Results:NONE	2	Results:IND Scan: 2 Type:LINEAR Amplitude:25 Ax Loc:+ 1.45 Circ Loc:20° 5" Length:0.9"	20°11"-21°3", 24°9"-25°1",
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-F	90-156	Results:NONE	3	Results:GEO Scan: 3 Type:ID Amplitude:110 Ax Loc: Circ Loc: Length:0.8"	28°7"-28°10", 40°1"-40°4"
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-F	90-156	Results:NONE	4	Results:GEO Scan: 4 Type:ID Amplitude:80 Ax Loc: Circ Loc: Length:0.7"	NONE
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT45	W-F	90-156	Results:NONE	4	Results:GEO Scan: 4 Type:ID Amplitude:200 Ax Loc: Circ Loc: Length:1.3"	NONE
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-F	90-145	Results:NONE	1	Results:NONE	INSULATION LUGS @ 5°7"-10",
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-F	90-145	Results:NONE	2	Results:NONE	17°1"-17°4", 24°9"-25°1",
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-F	90-145	Results:NONE	3	Results:NONE	28°7"-29°10", 40°1"-40°4",
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	UT60	W-F	90-145	Results:NONE	4	Results:NONE	13°3"-13°7",20°11"-21°3"
C 1. 10	STEAM GENERATOR 21	11	2-ISI-37	VT1	W-F	90-155	Results:NONE		Results:NONE	NONE
C 2. 10	RHR HEAT EXCH 21	11	2-ISI-69	PT	W-3	90-047	Results:N/A		Results:NONE	NONE
C 2. 10	RHR HEAT EXCH 21	11	2-ISI-69	VT1	W-3	90-049	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 3. 10	RHR HEAT EXCH 21	II	2-ISI-69	PT	SUPPORT A	90-048	Results:NONE		Results:NONE	NONE
C 3. 10	RHR HEAT EXCH 21	II	2-ISI-69	VT1	SUPPORT A	90-050	Results:NONE		Results:NONE	NONE
C 3. 20	FEEDWATER A	II	2-ISI-48A	MT	FWH-68/B	90-237	Results:NONE		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:+ 0.5"	
									Circ Loc:360° INTER	
									Length:360° INTER	
C 3. 20	FEEDWATER A	II	2-ISI-48A	MT1	FWH-68/B	90-237R	Results:N/A		Results:NONE	NONE
C 3. 20	FEEDWATER A	II	2-ISI-48A	VT1	FWH-68/B	90-265	Results:NONE		Results:NONE	NONE
C 3. 20	FEEDWATER A	II	2-ISI-48A	MT1	FWH-70/F	90-238	Results:NONE		Results:NONE	NONE
C 3. 20	FEEDWATER A	II	2-ISI-48A	VT1	FWH-70/F	90-266	Results:NONE		Results:NONE	NONE
C 3. 20	MAIN STEAM A	II	2-ISI-46A	MT1	MSH-34/K	90-239	Results:N/A		Results:NONE	NONE
C 3. 20	MAIN STEAM A	II	2-ISI-46A	VT1	MSH-34/K	90-259	Results:NONE		Results:NONE	NONE
C 3. 20	MAIN STEAM A	II	2-ISI-46B	MT1	MSH-32/M	90-273	Results:N/A		Results:N/A	NONE
C 3. 20	MAIN STEAM A	II	2-ISI-46B	VT1	MSH-32/M	90-260	Results:NONE		Results:NONE	NONE
C 3. 20	MAIN STEAM B	II	2-ISI-47A	MT1	MSH-41/H	90-135	Results:NONE		Results:NONE	PARTIAL - INACCESSIBLE AREAS
C 3. 20	MAIN STEAM B	II	2-ISI-47A	VT1	MSH-41/H	90-097	Results:NONE		Results:NONE	NONE
C 3. 20	MAIN STEAM B	II	2-ISI-47A	MT	MSH-46/C	90-240	Results:N/A		Results:IND	NONE
									Type:ARC STRIKE	
									Ax Loc:+ 0.250"	
									Circ Loc:0.0"	
									Length:1.25"	
C 3. 20	MAIN STEAM B	II	2-ISI-47A	VT1	MSH-46/C	90-096	Results:N/A		Results:NONE	NONE
C 3. 20	MAIN STEAM B	II	2-ISI-47A	MT1	MSH-50/A1	90-055	Results:N/A		Results:NONE	NONE
C 3. 20	MAIN STEAM B	II	2-ISI-47A	VT1	MSH-50/A1	90-058	Results:N/A		Results:NONE	NONE
C 3. 20	RHR PUMP DISCH A	II	2-ISI-57	PT	RHRH-57/L	90-270	Results:IND		Results:NONE	NONE
							Type:POROSITY			
							Ax Loc:			
							Circ Loc:			
							Length:			
C 3. 20	RHR PUMP DISCH A	II	2-ISI-57	VT1	RHRH-57/L	90-220	Results:NONE		Results:NONE	NONE
C 3. 20	RHR PUMP SUCTION B	II	2-ISI-51	PT	RHRH-56/C	90-269	Results:IND		Results:NONE	NONE
							Type:INTERMIT			
							Ax Loc:UNDERCUT			
							Circ Loc:			
							Length:			

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

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Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 3. 29	RHR PUMP SUCTION B	II	2-ISI-51	VT1	RHRH-56/C	90-219	Results:NONE		Results:NONE	NONE
C 3. 30	RHR PUMP 21	II	2-ISI-53	PT	BASE/G	90-020	Results:N/A		Results:NONE	NONE
C 3. 30	RHR PUMP 21	II	2-ISI-53	VT1	BASE/G	90-022	Results:N/A		Results:NONE	NONE
C 3. 30	SI PUMP 21	II	2-ISI-60	MT1	SUPPORT C	90-378	Results:N/A		Results:NONE	NONE
C 3. 30	SI PUMP 21	II	2-ISI-60	VT1	SUPPORT C	90-267	Results:N/A		Results:NONE	NONE
C 3. 30	SI PUMP 21	II	2-ISI-60	MT1	SUPPORT D	90-379	Results:N/A		Results:NONE	NONE
C 3. 30	SI PUMP 21	II	2-ISI-60	VT1	SUPPORT D	90-268	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID SUPPLY	II	2-ISI-74	PT	W-18	90-045	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID SUPPLY	II	2-ISI-74	VT1	W-18	90-046	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID TO SI	II	2-ISI-61	PT	W-38	90-039	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID TO SI	II	2-ISI-61	VT1	W-38	90-042	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID TO SI	II	2-ISI-61	PT	W-48	90-040	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID TO SI	II	2-ISI-61	VT1	W-48	90-043	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID TO SI	II	2-ISI-61	PT	W-55F	90-041	Results:N/A		Results:NONE	NONE
C 5. 11	BORIC ACID TO SI	II	2-ISI-61	VT1	W-55F	90-044	Results:N/A		Results:NONE	NONE
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THICK)	90-099	Results:GEO	1	Results:NONE	SCAN 1 GAMMA PLUG @ 9:00
							Scan:1			
							Type:GEOMETRY			
							Amplitude:55			
							Ax Loc:6"			
							Circ Loc:8"			
							Length:360 INTER			
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THICK)	90-099	Results:NONE	3	Results:NONE	NO SCAN 2 NOZZLE
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THICK)	90-099	Results:NONE	4	Results:NONE	NONE
C 5. 11	FEEDWATER A	II	2-ISI-48A	MT1	FW-177 (THIN)	90-051	Results:IND		Results:NONE	NONE
							Type:LINEARS			
							Ax Loc:			
							Circ Loc:			
							Length:			
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THIN)	90-101	Results:GEO	1	Results:GEO	SCAN 1 GAMMA PLUG @ 9:00
							Scan:1		Scan: 1	
							Type:ID GEO		Type:ID	
							Amplitude:65		Amplitude:25	
							Ax Loc:.6"		Ax Loc:	
							Circ Loc:28"		Circ Loc:	
							Length:360 INTER		Length:0° - 360°	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THIN)	90-101	Results:NONE	2	Results:GEO	LIMITED DUE TO NOZZLE CONFIG.
									Scan: 2	
									Type:OD	
									Amplitude:50	
									Ax Loc:	
									Circ Loc:	
									Length:0° - 360°	
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THIN)	90-101	Results:NONE	3	Results:NONE	NONE
C 5. 11	FEEDWATER A	II	2-ISI-48A	UT45	FW-177 (THIN)	90-101	Results:NONE	4	Results:NONE	NONE
C 5. 11	FEEDWATER A	II	2-ISI-48A	VT1	FW-177 (THIN)	90-053	Results:NONE		Results:NONE	NONE
C 5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THICK)	90-098	Results:GEO	1	Results:GEO	SCAN 1 GAMMA PLUG @ 12:00
							Scan:1		Scan: 1	
							Type:ID GEO		Type:ID	
							Amplitude:55		Amplitude:45	
							Ax Loc:.7"		Ax Loc:	
							Circ Loc:9"		Circ Loc:	
							Length:360 INTER		Length:0° - 360°	
5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THICK)	90-098	Results:NONE	3	Results:NONE	NO SCAN 2 NOZZLE
5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THICK)	90-098	Results:NONE	4	Results:NONE	NONE
5. 11	FEEDWATER B	II	2-ISI-49A	VT1	FW-133 (THIN)	90-052	Results:NONE		Results:NONE	NONE
C 5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THIN)	90-100	Results:GEO	1	Results:GEO	SCAN 2 LIMITED NOZZLE CONFIG.
							Scan:1		Scan: 1	
							Type:ID GEO		Type:ID	
							Amplitude:55		Amplitude:45	
							Ax Loc:.7"		Ax Loc:	
							Circ Loc:9"		Circ Loc:	
							Length:360 INTER		Length:0° - 360°	
C 5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THIN)	90-100	Results:NONE	2	Results:NONE	LIMITED DUE TO NOZZLE CONFIG.
C 5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THIN)	90-100	Results:NONE	3	Results:NONE	NONE
C 5. 11	FEEDWATER B	II	2-ISI-49A	UT45	FW-133 (THIN)	90-100	Results:NONE	4	Results:NONE	NONE
C 5. 11	FEEDWATER B	II	2-ISI-49A	VT1	FW-133 (THIN)	90-054	Results:NONE		Results:NONE	NONE
C 5. 11	RHR PUMP DISCH B	II	2-ISI-54	PT	W-29	90-032	Results:N/A		Results:NONE	NONE
C 5. 11	RHR PUMP DISCH B	II	2-ISI-54	VT1	W-29	90-035	Results:N/A		Results:NONE	NONE
C 5. 11	RHR PUMP DISCH B	II	2-ISI-54	PT	W-33	90-033	Results:N/A		Results:NONE	NONE
C 5. 11	RHR PUMP DISCH B	II	2-ISI-54	VT1	W-33	90-036	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE 3-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 5. 11	RHR PUMP SUCTION A	II	2-ISI-52	PT	W-102	90-021	Results:N/A		Results:NONE	NONE
C 5. 11	RHR PUMP SUCTION A	II	2-ISI-52	VT1	W-102	90-023	Results:N/A		Results:NONE	NONE
C 5. 11	RHR PUMP SUCTION B	II	2-ISI-50	PT	W-135	90-028	Results:N/A		Results:NONE	NONE
C 5. 11	RHR PUMP SUCTION B	II	2-ISI-50	VT1	W-135	90-030	Results:N/A		Results:NONE	NONE
C 5. 11	RWST DISCHARGE	II	2-ISI-66	PT	W-71W	90-034	Results:N/A		Results:NONE	NONE
C 5. 11	RWST DISCHARGE	II	2-ISI-66	VT1	W-71W	90-037	Results:N/A		Results:NONE	NONE
C 5. 11	SI PUMP B SUCTION	II	2-ISI-62	PT	W-143	90-018	Results:N/A		Results:NONE	NONE
C 5. 11	SI PUMP B SUCTION	II	2-ISI-62	VT1	W-143	90-019	Results:N/A		Results:NONE	NONE
C 5. 11	SI PUMP B SUCTION	II	2-ISI-62	PT	W-78	90-029	Results:N/A		Results:NONE	NONE
C 5. 11	SI PUMP B SUCTION	II	2-ISI-62	VT1	W-78	90-031	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	MT1	MS-1	90-056	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	1	Results:GEO	3"x4" LIMITAION @ 3:00 3"
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	2	Results:GEO	DOWNSTREAM (PIPE FITTING)
									Scan: 2	
									Type:ID	
									Amplitude:28	
									Ax Loc:	
									Circ Loc:	
									Length:360°	
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	2	Results:GEO	UPSTREAM LIMITED TO 2" SCAN
									Scan: 2	
									Type:OD	
									Amplitude:120	
									Ax Loc:	
									Circ Loc:	
									Length:360°	
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	2	Results:GEO	AREA DUE TO CONFIGURATION
									Scan: 2	
									Type:ID	
									Amplitude:40	
									Ax Loc:	
									Circ Loc:	
									Length:360°	
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	3	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	4	Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	5	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	6	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	7	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	8	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	9	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	10	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	11	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	UT45	MS-1	90-247	Results:N/A	12	Results:NONE	NONE
C 5. 21	MAIN STEAM A	II	2-ISI-46A	VT1	MS-1	90-059	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM B	II	2-ISI-47A	MT	MS-82	90-057	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:-1"FRM TOE	
									Circ Loc:12 O'CLOCK	
									Length:1/2"	
C 5. 21	MAIN STEAM B	II	2-ISI-47A	MT	MS-82	90-057	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:@ TOE	
									Circ Loc:12 O'CLOCK	
									Length:5/8"	
C 5. 21	MAIN STEAM B	II	2-ISI-47A	MT	MS-82	90-057	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:-1"FRM TOE	
									Circ Loc:6 O'CLOCK	
									Length:5/8"	
C 5. 21	MAIN STEAM B	II	2-ISI-47A	MT1	MS-82	90-057R	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM B	II	2-ISI-47A	UT45	MS-82	90-323	Results:N/A	1	Results:NONE	GAMMA PLUG @ 9:00
C 5. 21	MAIN STEAM B	II	2-ISI-47A	UT45	MS-82	90-323	Results:N/A	2	Results:GEO	NONE
									Scan: 2	
									Type:OD	
									Amplitude:90	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	
C 5. 21	MAIN STEAM B	II	2-ISI-47A	UT45	MS-82	90-323	Results:N/A	3	Results:NONE	NONE
C 5. 21	MAIN STEAM B	II	2-ISI-47A	UT45	MS-82	90-323	Results:N/A	4	Results:NONE	NONE

TABLE S-II

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 5. 21	MAIN STEAM B	II	2-ISI-47A	VT1	MS-82	90-060	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM RELIEF A	II	2-ISI-46B	MT1	MS-23	90-274	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM RELIEF A	II	2-ISI-46B	UT45	MS-23	90-297	Results:GEO	1	Results:NONE	1"x2.5" LIMITATION @ 12:00,
							Scan:1			
							Type:ID			
							Amplitude:100			
							Ax Loc:			
							Circ Loc:18.5-18.6"			
							Length:1/8"			
C 5. 21	MAIN STEAM RELIEF A	II	2-ISI-46B	UT45	MS-23	90-297	Results:GEO	2	Results:GEO	2" UPSTREAM FROM WELD TOE
							Scan:2		Scan: 2	
							Type:OD		Type:OD	
							Amplitude:150		Amplitude:50	
							Ax Loc:		Ax Loc:	
							Circ Loc:24-24.5"		Circ Loc:	
							Length:1/2"		Length:360°	
C 5. 21	MAIN STEAM RELIEF A	II	2-ISI-46B	UT45	MS-23	90-297	Results:NONE	3	Results:NONE	NONE
C 5. 21	MAIN STEAM RELIEF A	II	2-ISI-46B	UT45	MS-23	90-297	Results:NONE	4	Results:NONE	NONE
C 5. 21	MAIN STEAM RELIEF A	II	2-ISI-46B	VT1	MS-23	90-284	Results:NONE		Results:NONE	NONE
C 5. 31	MAIN STEAM RELIEF B	II	2-ISI-47B	MT1	MS-183B	90-275	Results:N/A		Results:NONE	NONE
C 5. 31	MAIN STEAM RELIEF B	II	2-ISI-47B	UT45	MS-183B	90-416	Results:NONE	1	Results:NONE	NO SCAN 2 CONFIGURATION
C 5. 31	MAIN STEAM RELIEF B	II	2-ISI-47B	UT45	MS-183B	90-416	Results:NONE	3	Results:NONE	NONE
C 5. 31	MAIN STEAM RELIEF B	II	2-ISI-47B	UT45	MS-183B	90-416	Results:NONE	4	Results:NONE	NONE
C 5. 31	MAIN STEAM RELIEF B	II	2-ISI-47B	VT1	MS-183B	90-285	Results:NONE		Results:NONE	NONE
C 6. 10	SI PUMP 21	II	2-ISI-60	MT1	W-C	90-380	Results:N/A		Results:NONE	NONE
C 6. 10	SI PUMP 21	II	2-ISI-60	VT1	W-C	90-381	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS II

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-37	1	STEAM GENERATOR	A&B	SHELL	-	2.82"	26	C/S
				SHELL-TO-TRANSITION	-	2.82" 3.68"	26	C/S
				TRANSITION-TO-SHELL	-	3.68" 3.62"	26	C/S
				SHEEL-TO-HEAD	-	3.62"	26	C/S
				TUBESHEET-TO-SHELL	-	3.25"	26	C/S
				MS NOZZLE	-	3.62"	26	C/S
2-ISI-46	0	MAIN STEAM (GENERAL)	-	-	-	-	-	
2-ISI-46A	0		A	32-2MS-1	32"	-	NO.	
2-ISI-46B	0		A	31-2MS-1	31"	1.534"	24	C/S
			A	30-2MS-1	30"	1.045"	23	C/S
			A	6-2MS-1	6"	.432"	7	C/S
2-ISI-47	0	MAIN STEAM (GENERAL)	-	-	-	-	-	
2-ISI-47A	0		B	32-2MS-2	32"	-	NO.	
2-ISI-47B	0		B	31-2MS-1	31"	1.534"	24	C/S
			B	30-2MS-2	30"	1.045"	23	C/S
			B	6-2MS-2	6"	.432"	7	C/S
2-ISI-48	0	FEEDWATER (GENERAL)	-	-	-	-	-	
2-ISI-48A	0		A	16-2FW-13	16"	1.031"	13/36	C/S
2-ISI-48B	0		A	16-2FW-12	16"	1.438"	21	C/S
			A	16-2FW-11	16"	1.031"	13	C/S
			A	3-2AF-11	8"	.594"	NO.	
2-ISI-49	0	FEEDWATER (GENERAL)	-	-	-	-	-	
2-ISI-49A	0		B	16-2FW-16	16"	1.031"	13/36	C/S
2-ISI-49B	0		B	16-2FW-15	16"	1.438"	21	C/S
			B	3-2AF-12	8"	.594"	NO.	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS II

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-50	3	RHR PUMP B SUCTION (WELDS)	B	10-2RH-3	10"	.365"	22	S/S
2-ISI-51	3	(HANGERS)	B	8-2RH-4B	8"	.322"	29	S/S
			B	8-2RH-5B	8"	.322"	29	S/S
			B	12-2RH-5B	12"	.375"	32	S/S
			B	10-2SI-9B	10"	.365"	22	S/S
2-ISI-52	3	RHR PUMP A SUCTION (WELDS)	A	8-2RH-4A	8"	.322"	29	S/S
2-ISI-53	3	(HANGERS)	A	8-2RH-5A	8"	.322"	29	S/S
			A	12-2HR-5A	12"	.375"	32	S/S
			A	10-2SI-9A	10"	.365"	22	S/S
2-ISI-54	3	RHR PUMP B DISCHARGE (WELDS)	B	8-2RH-7B	8"	.322"	29	S/S
2-ISI-55	2	(HANGERS)	B	8-2RH-9B	8"	.322"	29	S/S
			B	6-2SI-10B	6"	.280"	27	S/S
2-ISI-56	3	RHR PUMP A DISCHARGE (WELDS)	A	8-2RH-7A	8"	.322"	29	S/S
2-ISI-57	2	(HANGERS)	A	8-2RH-9A	8"	.322"	29	S/S
			A	6-2SI-11	6"	.365"	22	S/S
2-ISI-58	2	CONTAINMENT SUMP B DISCHARGE	B	12-2RH-6B	12"	.375"	32	S/S
			B	14-2SI-33B	14"	.250"	34	S/S
			B	12-2SI-34B	12"	.375"	32	S/S
2-ISI-59	3	CONTAINMENT SUMP A DISCHARGE	A	12-2RH-6A	12"	.375"	32	S/S
			A	14-2SI-33A	14"	.250"	34	S/S
			A	12-2SI-34A	12"	.375"	32	S/S
2-ISI-60	2	SAFETY INJECTION PUMPS SUCTION	A	6-2SI-13A	6"	.134"	28	S/S
			B	6-2SI-13B	6"	.134"	28	S/S

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS II

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-61	3	BORIC ACID SUPPLY TO SAFETY INJECTION	-	12-2SI-11	12"	.180"	33	S/S
			-	8-2SI-18	8"	.322"	38	S/S
2-ISI-62	2	SAFETY INJECTION PUMP 22 SUCTION (WELDS)	B	6-2RH-10B	6"	.280"	27	S/S
2-ISI-63	2	SAFETY INJECTION PUMP 22 SUCTION (HANGERS)	-	-	-	-	-	
2-ISI-64	2	SAFETY INJECTION PUMP 21 SUCTION (WELDS)	A	6-2RH-10A	6"	.280"	27	S/S
2-ISI-65	2	SAFETY INJECTION PUMP 21 SUCTION (HANGERS)	-	-	-	-	-	
2-ISI-66	2	REFUELING WATER STORAGE TANK DISCHARGE (WELDS)	-	14-2SI-1	14"	.250"	34	S/S
			-	12-2SI-3A	12"	.180"	33	S/S
2-ISI-67	2	REFUELING WATER STORAGE TANK DISCHARGE (HANGERS)	-	12-2SI-3B	12"	.180"	33	S/S
			-	12-2SI-4	12"	.180"	33	S/S
			-	10-2SI-8	10"	.165"	31	S/S
			-	12-2SI-11	12"	.180"	33	S/S
2-ISI-68	1	BORIC ACID TANK 21	-	SHELL	-	.312"	NO.__	
			-	BOTTOM HEAD	-	.375"	NO.__	
2-ISI-69	1	RESIDUAL HEAT EXCHANGERS	A	HEAD	-	.500"	NO.__	
			B	HEAD	-	.500"	NO.__	
2-ISI-70	2	REACTOR VESSEL SAFETY INJECTION (WELDS)	B	6-2SI-25B	6"	.719"	6	S/S
2-ISI-71	2	REACTOR VESSEL SAFETY INJECTION (HANGERS)						

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

CLASS II

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-72	2	REACTOR VESSEL SAFETY INJECTION (WELDS)	A	6-2SI-25A	6"	.719"	6	S/S
2-ISI-73	2	REACTOR VESSEL SAFETY INJECTION (HANGERS)						
2-ISI-74	2	BORIC ACID SUPPLY (WELDS)	-	8-2SI-18	8"	.322"	38	S/S
2-ISI-75	3	ACCUMULATOR DISCHARGE	A	12-2SI-28A	12"	1.312"	11	S/S
			A	12-2SI-29A	12"	1.312"	11	S/S
			B	12-2SI-28B	12"	1.312"	11	S/S
			B	12-2SI-29B	12"	1.312"	11	S/S
2-ISI-76	1	ACCUMULATOR TANKS	A	SHELL	-	2.75"	NO.__	
			A	HEAD	-	1.39"	NO.__	
			B	SHELL	-	2.75"	NO.__	
			B	HEAD	-	1.39"	NO.__	

APPENDIX C

FSAR AUGMENTED EXAMINATIONS

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE FSAR
PAGE 1 OF 5
MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
	C-F	PRESSURE RETAINING WELDS IN PIPING					
C5.10	C-F	PIPING WELDS 1/2 INCH AND LESS NOMINAL WALL THICKNESS					
C5.11 C5.12	C-F C-F	CIRCUMFERENTIAL WELDS AND LONGITUDINAL WELDS					
		MAIN STEAM A & B					
		6-2MS-1	ONE	1	1	MS-35	85-142
		6-2MS-2	TWO	-	2	MS-114,115	89-264,265,266,267
		5-2MS-1	THREE	1	-		
		5-2MS-2					
C5.20	C-F	PIPING WELDS GREATER THAN 1/2 INCH NOMINAL WALL THICKNESS					
C5.21 C5.22	C-F C-F	CIRCUMFERENTIAL WELDS AND LONGITUDINAL WELDS					
		MAIN STEAM A					
		31-2MS-1	ONE	1	1	MS-16	86-089,090,103
			TWO	1	1	MS-17	90-276,415,286
			THREE	2	-		
		MAIN STEAM B	*	-	-		* ENCAPSULATED
		31-2MS-32					

P22S FSAR

Form 17.2476 (5-89)
(M&SP 5.2)

PPM-0044, Rev. 1 (5/89)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.21 & C5.22	C-F	(CONTINUED)					
		MAIN STEAM A RELIEF HEADER					
		30-2MS-1	ONE	1	1	MS-187	88-040,032,039
			TWO	-	-		
			THREE	-	-		
		MAIN STEAM B RELIEF HEADER					
		30-2MS-2	ONE	-	-		
			TWO	1	1	MS-101	89-278,408,279
			THREE	1	-		
		MAIN STEAM A					
		30-2MS-1	ONE	1	1	MS-52	85-013,029
		30-2MS-3	TWO	1	1	MS-48	90-277,414,287,287R
			THREE	1	-		
		MAIN STEAM B					
		30-2MS-2	ONE	-	-		
		30-2MS-4	TWO	1	1	MS-120	89-268,407,269
			THREE	1	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION--EXAMINATION SUMMARY

TABLE FSAR
PAGE 3 OF 5
MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.21 & C5.22	C-F	(CONTINUED)					
		MAIN STEAM A					
		24-2MS-21	ONE	1	1	MS-56	85-014,020
			TWO	1	1	MS-56	90-278,417,288,288R
			THREE	-	-		
		MAIN STEAM B					
		24-2MS-24	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		MAIN STEAM A					
		8-2MS-21	ONE	-	-		
			TWO	1	1	MS-62	89-262,409,263
			THREE	-	-		
		MAIN STEAM B					
		8-2MS-24	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		FEEDWATER A					
		16-2FW-8	ONE	1	1	FW-141	88-296,285,232
			TWO	1	1	FW-136	90-279,279R,389,289
			THREE	3	-		

P22SESAR

Form 17.2478 (5-89)
(M&SP 5.2)

PPM-0044, Rev. 1 (5/89)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.21 & C5.22	C-F	(CONTINUED)					
		FEEDWATER B					
		16-2FW-8	ONE	-	-		
			TWO	1	1	FW-101	89-280,406,281
			THREE	2	-		
		FEEDWATER A					
		16-2FW-9	ONE	1	1	FW-155	88-297,295,233
		16-2FW-11	TWO	-	-		
		16-2FW-12	THREE	1	-		
		FEEDWATER B					
		16-2FW-10	ONE	1	1	FW-114	86-268,271,281
		16-2FW-15	TWO	-	-		
			THREE	1	-		
C5.30	C-F	PIPE BRANCH CONNECTION GREATER THAN 4 INCH NOMINAL BRANCH PIPE SIZE					
C5.31	C-F	CIRCUMFERENTIAL WELDS					
		MAIN STEAM A RELIEF HEADER (AT 12") 30-2MS-1	ONE	1	1	MS-187B	86-083,086,102
			TWO	1	1	MS-185B	89-260,261 (ENCAPPED)
			THREE	1	-		
		MAIN STEAM B RELIEF HEADER (AT 12") 30-2MS-2	ONE	-	-		
			TWO	1	1	MS-181B	90-280,290
			THREE	1	-		

P22S SAR

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE FSAR
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: PIPING PRESSURE BOUNDARY

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
C5.31	C-F	(CONTINUED)					
		MAIN STEAM A & B					
		24-2MS-21	ONE	-	-		
		24-2MS-24	TWO	-	-		
			THREE	1	-		
C5.32	C-F	LONGITUDINAL WELDS	-	-	-		INCLUDED WITH C5.31

P22SFSAR

Form 17-2478 (5-89)
(M&SP 5.2)

PPM-0044, Rev. 1 (5/89)

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	MT	FW-136	90-279	Results:N/A		Results:IND	NONE
									Type:LINEAR	
									Ax Loc:- 0.9"	
									Circ Loc:1.8" CCW	
									Length:0.50"	
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	MT1	FW-136	90-279R	Results:N/A		Results:NONE	NONE, REEXAM AFTER REPAIR
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	UT45	FW-136	90-389	Results:NONE	1	Results:NONE	GAMMA PLUG @ 12:00
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	UT45	FW-136	90-389	Results:NONE	2	Results:NONE	NONE
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	UT45	FW-136	90-389	Results:NONE	3	Results:NONE	NONE
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	UT45	FW-136	90-389	Results:NONE	4	Results:NONE	NONE
C 5. 21	FEEDWATER A	FSAR	2-ISI-48C	VT1	FW-136	90-289	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	MT1	MS-17	90-276	Results:NONE		Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	1	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	2	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	3	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	4	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	5	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	6	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	7	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	8	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	9	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	10	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	11	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	12	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	13	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	14	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	15	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	UT45	MS-17	90-415	Results:NONE	16	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46B	VT1	MS-17	90-286	Results:NONE		Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	MT1	MS-48	90-277	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	1	Results:GEO	GAMMA PLUG @ 11:00
									Scan: 1	
									Type:ID	
									Amplitude:30	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	2	Results:GEO	NONE
									Scan: 2	
									Type:ID	
									Amplitude:35	
									Ax Loc:	
									Circ Loc:	
									Length:360° INTER	
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	3	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	4	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	5	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	6	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	7	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	8	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	9	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	10	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	11	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	UT45	MS-48	90-414	Results:N/A	12	Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	VT1	MS-48	90-287	Results:N/A		Results:IND	NONE
									Type:ARC STRIKE	
									Ax Loc:	
									Circ Loc:	
									Length:	
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46C	VT1	MS-48	90-287R	Results:N/A		Results:NONE	NONE, REEXAM AFTER REPAIR
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46D	MT1	MS-56	90-278	Results:N/A		Results:NONE	NONE
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46D	UT45	MS-56	90-417	Results:N/A	1	Results:NONE	NO SCAN 2 DUE TO CONFIGURATION
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46D	UT45	MS-56	90-417	Results:N/A	3	Results:NONE	LIMITED DUE TO CONFIGURATION
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46D	UT45	MS-56	90-417	Results:N/A	4	Results:NONE	LIMITED DUE TO CONFIGURATION
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46D	VT1	MS-56	90-288	Results:NONE		Results:IND	NONE
									Type:GOUGES	
									Ax Loc:	
									Circ Loc:	
									Length:	
C 5. 21	MAIN STEAM A	FSAR	2-ISI-46D	VT1	MS-56	90-288R	Results:N/A		Results:NONE	NONE, REEXAM AFTER REPAIR
C 5. 31	MAIN STEAM RELIEF B	FSAR	2-ISI-47B	MT1	MS-181B	90-280	Results:N/A		Results:NONE	NONE
C 5. 31	MAIN STEAM RELIEF B	FSAR	2-ISI-47B	VT1	MS-181B	90-290	Results:NONE		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ISOMETRIC SUMMARY

FSAR

NSP ISO NUMBER	REVISION NUMBER	COMPONENT OR SYSTEM	LOOP DESIG	LINE NUMBER	LINE SIZE	WALL THICK	UT-CAL STD	MAT'L TYPE
2-ISI-46	0	MAIN STEAM (GENERAL)	-	-	-	-	-	
2-ISI-46B	0		A	31-2MS-1	31"	1.534"	24	C/S
2-ISI-46C	0		A	31-2MS-1	31"	1.045"	23	C/S
2-ISI-46D	0		A	30-2MS-3	30"	1.045"	23	C/S
			A	24-2MS-21	24"	1.219"	20	C/S
			A	12-2MS-3	12"	.688"	NO.	
			A	8-2MS-21	8"	-	NO.	
			A	6-2MS-1	6"	.432"	7	C/S
2-ISI-47	0	MAIN STEAM (GENERAL)	-	-	-	-	-	
2-ISI-47B	0		B	31-2MS-2	31"	1.534"	24	C/S
2-ISI-47C	0		B	30-2MS-2	30"	1.045"	23	C/S
			B	30-2MS-4	30"	1.045"	23	C/S
			B	24-2MS-24	24"	1.219"	20	C/S
			B	12-2MS-4	12"	.688"	NO.	
			B	6-2MS-2	6"	.432"	7	C/S
2-ISI-48	0	FEEDWATER (GENERAL)	-	-	-	-	-	
2-ISI-48B	0		A	16-2FW-12	16"	1.438"	21	C/S
2-ISI-48C	0		A	16-2FW-11	16"	1.031"	13	C/S
			A	16-2FW-9	16"	1.031"	13	C/S
			A	16-2FW-8	16"	1.031"	13	C/S
2-ISI-49	0	FEEDWATER (GENERAL)	-	-	-	-	-	
2-ISI-49B	0		B	16-2FW-15	16"	1.438"	21	C/S
2-ISI-49C	0		B	16-2FW-14	16"	1.031"	13	C/S
			B	16-2FW-10	16"	1.031"	13	C/S
			B	16-2FW-8	16"	1.031"	13	C/S

APPENDIX D

COMPONENT SUPPORTS

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE SCS1.1
PAGE 1 OF 12
MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
*	F-A F-B F-C	PLATE AND SHELL TYPE SUPPORTS LINEAR TYPE SUPPORTS COMPONENT STANDARD SUPPORTS					* ITEM NO.'S F-1, F-2, F-3 AND F-4 FOR EACH CATEGORY EXAMINED AS ONE COMPLETE ASSEMBLY
		REACTOR VESSEL					
		LUGS	THREE	2	-		
		PRESSURIZER					
		SUPPORT SKIRT	ONE TWO THREE	33% 33% 34%	33% 33% -	W-6 W-6	86-254 90-187
		SUPPORT BOLTING	ONE TWO THREE	8 8 8	8 8 -	BOLTS 1-8 BOLTS 9-16	86-175 90-188
		STEAM GENERATORS					
		STEAM GENERATOR NO 21					
		UPPER RING GIRDER (SNUBBER PINS)	ONE TWO THREE	- - 4	- - -		
		UPPER RING GIRDER (SNUBBER WALL BOLTS)	ONE TWO THREE	15 - -	15 15 -	BOLTS 1-15 BOLTS 1-15	88-015,015R 89-066

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE SCS1.1
PAGE 2 OF 12
MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		UPPER RING GIRDER (WALL BOLTS)	ONE	30	30	PAD 1,2	88-012,014
			TWO	-	-		
			THREE	-	-		
		UPPER RING GIRDER (SNUBBER BOLTS)	ONE	-	-		
			TWO	-	-		
			THREE	32	-		
		UPPER RING GIRDER (CONNECTING BOLTS)	ONE	-	-		
			TWO	40	40	CONNECTIONS 1-4	89-067,068,069,070
						CONNECTIONS 1-4	90-082,082R,083,083R 084,084R,085,085R
			THREE	-	-		
		UPPER RING GIRDER (SPRING HANGERS)	ONE	-	-		
			TWO	-	-		
			THREE	2	-		
		COLUMN PINS	ONE	2	5	COL 1 TOP	88-063,051,041
						COL 1-4 BOT	88-058,056,049,061, 054,047
			TWO	4	4	COL 2 TOP & BOTT	90-106,064,086, 405,367,361
						COL 3 TOP & BOTT	90-105,371,362, 404,370,369
			THREE	2	-		
		BASE ANCHOR BOLTS	ONE	16	16	COL 2,3	85-056,057
			TWO	8	8	COL 4	89-226
			THREE	8	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION--EXAMINATION SUMMARY

TABLE SCS1.1
PAGE 3 OF 12
MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		TOP COLUMN	ONE	4	4	COL 1	88-043
		CONNECTING BOLTS	TWO	8	8	COL 4	89-323
						COL 3	90-368
			THREE	4	-		
		SUPPORT PAD	ONE	6	6	COL 4	88-200,010,011
		HELICOIL SCREWS	TWO	6	6	COL 1	89-327,338,322
			THREE	12	-		
		STEAM GENERATOR NO 22					
		UPPER RING GIRDER	ONE	-	-		
		(SNUBBER PINS)	TWO	-	-		
			THREE	4	-		
		UPPER RING GIRDER	ONE	15	15	PAD 1	86-185
		(SNUBBER WALL BOLTS)	TWO	-	-		
			THREE	-	-		
		UPPER RING GIRDER	ONE	30	30	PAD 2,4,RING 1,2	86-184
		(WALL BOLTS)	TWO	-	-		
			THREE	-	-		
		UPPER RING GIRDER	ONE	-	-		
		(SNUBBER BOLTS)	TWO	-	-		
			THREE	32	-		
		UPPER RING GIRDER	ONE	-	-		
		(CONNECTING BOLTS)	TWO	40	40	CONNECTIONS 1-4	89-071,072,073,074
						CONNECTIONS 1-4	90-130,130R,129,129R, 128,128R,127,127R, 127R1
			THREE	-	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		UPPER RING GIRDER (SPRING HANGERS)	ONE	-	-		
			TWO	-	-		
			THREE	2	-		
		COLUMN PINS	ONE	2	5	COL 1 TOP	88-064,050,041
						COL 1-4 BOT	88-062,055,048
			TWO	2	2	COL 2 TOP & BOTT	90-107,065,087, 402,324,363
						COL 3 TOP & BOTT	90-104,066,088, 401,325,364
			THREE	4	-		
		BASE ANCHOR BOLTS	ONE	16	16	COL 2,3	85-053,054
			TWO	8	8	COL 4	89-087/90-071
			THREE	8	-		
		TOP COLUMN CONNECTING BOLTS	ONE	4	4	COL 1	88-042
			TWO	8	12	COL 4	89-227
						COL 2 & 3	90-327,326
			THREE	4	-		
		SUPPORT PAD HELICOIL SCREWS	ONE	6	6	COL 4	88-201,009,016
			TWO	12	6	COL 1	89-228,339,307
			THREE	6	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE SCS1.1
PAGE 5 OF 12
MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		PUMPS					
		REACTOR CORE COOLANT NO 21					
		COLUMN PINS	ONE	2	4	COL 1 TOP COL 1-3 BOTTOM	88-059,053,046 88-125,117,124
			TWO	2	2	COL 2 TOP & BOTT	90-092,067,089, 093,102,382
			THREE	2	-		
		BASE ANCHOR BOLTS	ONE	8	8	COL 3	85-058
			TWO	8	8	COL 1	89-082/90-070
			THREE	8	-		
		COLUMN CONNECTING BOLTS	ONE	4	4	COL 1	88-205
			TWO	4	4	COL 1 COL 3	89-324 90-391
			THREE	4	-		
		TIE BACK BOLTS	ONE	1	1	COL 1	88-025
			TWO	1	1	COL 2	89-325
			THREE	1	-		
		TIE BACK PINS	ONE	1	1	COL 3	88-198,202,207,207R
			TWO	1	1	COL 1	90-406,372,365
			THREE	1	-		
		THROUGH ANCHOR BOLTS	ONE	-	-		
			TWO	-	-		
			THREE	6	-		

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Form 17.2478 (5-89)
(M&SP 5.2)

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		LATERAL SUPPORT AND WALL BOLTS	ONE	6	6	COL 3	88-013
			TWO	4	4	COL 3	89-326
			THREE	-	-		
		REACTOR CORE COOLANT NO 22					
		COLUMN PINS	ONE	2	4	COL 1 TOP	88-060,052,045
						COL 1-3 BOTTOM	88-118,119,126
			TWO	2	2	COL 2 TOP	90-094,103,383
						BOTTOM	90-091,069,090
			THREE	2	-		
		BASE ANCHOR BOLTS	ONE	8	8	COL 3	85-055
			TWO	8	8	COL 1	90-068
			THREE	8	-		
		COLUMN CONNECTING BOLTS	ONE	4	4	COL 1	88-206
			TWO	4	4	COL 1, 3	89-122,123
			THREE	4	-		
		TIE BACK BOLTS	ONE	1	1	COL 3	85-039
			TWO	1	1	COL 2	89-124
			THREE	1	-		
		TIE BACK PINS	ONE	1	2	COL 1	85-039
						COL 3	88-199,203,208,208R
			TWO	1	1	COL 1	90-403,373,366
			THREE	1	-		

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		THROUGH ANCHOR BOLTS	ONE	-	6	COL 1	86-188
			TWO	-	-		
			THREE	6	-		
		LATERAL SUPPORT AND WALL BOLTS	ONE	6	6	COL 3	86-187
			TWO	4	-		
			THREE	-	-		
		PIPING					
		SEAL INJECTION LOOP A	ONE	6	6	N,P1/P1 G A1,B,E G,P1	85-084,089/86-123 86-124 88-027,029,031 88-030,028
			TWO	6	6	C,H,J,P1 D,A,I	89-347,084,,63,064 90-163,162,146
			THREE	7	-		
		DRAIN LINE ON CROSSOVER LOOP A	ONE	-	-		
			TWO	-	-		
			THREE	1	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF COLD LEG LOOP A	ONE	1	1	A	88-018
			TWO	1	1	B1	90-164
			THREE	2	-		
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF HOT LEG LOOP A	ONE	2	2	D,C	86-122,121
			TWO	3	2	G/F	89-346/90-166
			THREE	3	-		

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SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM DESCRIPTION OF BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		ECTION	ONE	1	1	C	85-082,082R/86-155
		HIGH D LOOP A	TWO	1	1	B	89-340
			THREE	2	-		
		RESIDUAL TEMPERATURE	ONE	1	1	C	88-017
		DETECTOR - RETURN	TWO	1	1	C	90-167
		LOOP A	THREE	1	-		
		SPRAY TO PRESSURIZER	ONE	6	7	J,N,T	85-085,085R,069,045
		BRANCH A				D1,O,J	86-223,224,169
						M	88-123
			TWO	7	7	K,H,L	89-256,257,258
						B,D,C,V	90-168,170,169,189
			THREE	7	-		
		SPRAY TO PRESSURIZER	ONE	3	3	G	85-046/86-172
		BRANCH B				F,H	86-174,173
			TWO	3	3	F1	89-158
						E,D	90-191,190
			THREE	4	-		
		RESIDUAL HEAT REMOVAL	ONE	6	6	O,Q,T	85-033,034,032
		TAKE OFF LOOP A				Q	86-225
						K,P,S,Q	88-021,023,022,024
			TWO	6	6	D,C	89-362,363,363R,
						H,U	250,291
						D,C,B,E	90-131,126,126R
							124,125
			THREE	7	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE SCS1.1
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		ACCUMULATOR DISCHARGE LOOP A	ONE	3	3	H G,I	85-083 88-020,019
			TWO	3	3	E F,D	89-225 90-110,109
			THREE	3	-		
		SEAL INJECTION LOOP B	ONE	5	5	O,P P N,K Q,K	85-090,092,092R 86-056 86-055,054,054R 88-026,120
			TWO	5	5	K,L,M,D E,A	89-308,309,310,311 90-193,192
			THREE	6	-		
		CHARGING LINE CVCS	ONE	9	9	G,U,W,Z R,I,S,X Y G,W,Z G,I,Y,Z	85-040,070,087,091, 091R 86-118,119,117,115, 114 86-120,120R,116,113 88-121,131,122,130
			TWO	9	9	I,A,K,M Q,V,Z	89-259,111,348,351 89-085,086,349
			THREE	9	-	N,O,T,E	90-112,111,148,147
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF COLD LEG - LOOP B	ONE	2	3	A1/A1 A,B	85-044,044R/86-075 86-074,091,091R
			TWO	2	2	C B	89-112 90-194,194R
			THREE	3	-		

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		RESIDUAL TEMPERATURE DETECTOR - TAKE OFF HOT LEG - LOOP B	ONE	2	2	A2,B	88-145,145R,146
			TWO	2	2	A,A2,B	89-113,114,115
						A1	90-195
			THREE	2	-		
		DRAIN LINE AND LETDOWN LINE	ONE	2	2	C	85-041,041R/86-226
						E	88-148
			TWO	2	2	B	89-251
						E (BASELINE)	89-312
						A	90-213
			THREE	2	-		
		RESIDUAL TEMPERATURE DETECTOR RETURN LOOP B	ONE	-	-		
			TWO	1	1	A	90-196
			THREE	-	-		
		RESIDUAL HEAT REMOVAL TAKE OFF - LOOP B	ONE	6	6	M,N	85-093,094
						H,E	86-013,070
						L,O	88-143,142
			TWO	6	6	A,B,D	89-116,117,118
						C,K,K1	90-245,206,207
			THREE	7	-		
		RESIDUAL HEAT REMOVAL RETURN - LOOP B	ONE	1	1	A	86-069
			TWO	2	2	E,B	90-209,208
			THREE	2	-		
		ACCUMULATOR DISCHARGE LOOP B	ONE	4	4	A1,A1	85-079,080
						E,F	88-147,144
			TWO	5	5	G,B,B1	89-359,159,160
						A,B1	90-241,205
			THREE	5	-		

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NORTHERN STATES POWER CO.
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		SAFETY INJECTION	ONE	1	1	C	86-156
		HIGH HEAD LOOP B	TWO	1	1	B	90-210
			THREE	1	-		
		AUXILLIARY SPRAY CVCS	ONE	1	1	A	85-081
			TWO	2	2	D	89-360
						B	90-114
			THREE	2	-		
		REACTOR VESSEL SAFETY	ONE	1	1	D	88-173
		INJECTION LOOP A & B	TWO	1	1	A	89-341,341R
		2"	THREE	-	-		
		PRESSURIZER RELIEF	ONE	-	-		
		LOOP B	TWO	-	-		
			THREE	1	-		
		REACTOR VESSEL SAFETY	ONE	2	2	A (REPEAT)	86-170,170R/88-172
		INJECTION LOOP A & B				D	85-068
		4" & 6"	TWO	3	4	B	89-065
						A,B,A,A	90-231,151,150,_11
			THREE	4	-		
		PRESSURIZER SAFETY	ONE	-	2	F,I	85-043,043R,042,042R
			TWO	1	1	A1	89-220
			THREE	1	-		

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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		PRESSURIZER SURGE	ONE	4	4	I,F,K,J	86-068,067,076,077
			TWO	4	4	A,B,C,D	89-134,133,132,131
					8	(AUGMENTED) K,J,H1	89-125,126,127
						H,G,E,I	89-128,129,130,119,
						F/F	120/90-243
			THREE	4	-		
		REACTOR CORE COOLANT	ONE	1	1	A1	88-260
		LOOP A	TWO	1	1	A2	89-350
			THREE	2	-		
		REACTOR CORE COOLANT	ONE	1	*		* SCHEDULED SUPPORT
		LOOP B					REMOVED
			TWO	1	1	B1	90-242
			THREE	2	-		

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NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	ACCUMULATOR DISCH A	1	2-ISI-11	VT-3	SIRH-3/F	90-110	Results:NONE		Results:NONE	NONE
IWF	ACCUMULATOR DISCH A	1	2-ISI-11	VT-3	SIRH-4/D	90-109	Results:NONE		Results:NONE	NONE
IWF	ACCUMULATOR DISCH B	1	2-ISI-22	VT-3	RHRRH-23/A	90-241	Results:NONE		Results:NONE	NONE
IWF	ACCUMULATOR DISCH B	1	2-ISI-22	VT-3	RHRRH-36/B1	90-205	Results:NONE		Results:NONE	NONE
IWF	AUX SPRAY TO PZR	1	2-ISI-24	VT-3	114-2CVCS-1/B	90-114	Results:NONE		Results:NONE	NONE
IWF	CHARGING LINE B	1	2-ISI-13B	VT-3	109-2CVCS-1/N	90-112	Results:NONE		Results:NONE	NONE
IWF	CHARGING LINE B	1	2-ISI-13C	VT-3	PRCVCH-1390/T	90-148	Results:NONE		Results:NONE	NONE
IWF	CHARGING LINE B	1	2-ISI-13B	VT-3	PRCVCH-1395/D	90-111	Results:NONE		Results:NONE	NONE
IWF	CHARGING LINE B	1	2-ISI-13A	VT-3	PRCVCH-1502/E	90-147	Results:NONE		Results:NONE	NONE
IWF	DRAIN ON CROSSOVER B	1	2-ISI-33	VT-3	B1	90-242	Results:NONE		Results:NONE	NONE
IWF	LETDOWN LINE B	1	2-ISI-16	VT-3	107-2CVCS-2/A	90-113	Results:NONE		Results:NONE	NONE
IWF	PRESSURIZER	1	2-ISI-36	VT-3	BOLTS 9-16	90-188	Results:NONE		Results:NONE	NONE
IWF	PRESSURIZER	1	2-ISI-36	VT-3	W-6	90-187	Results:NONE		Results:NONE	NONE
IWF	PRESSURIZER SURGE	1	2-ISI-31	VT-3	RCRH-50/F	90-243	Results:IND		Results:IND	NONE, ENG. EVAL. ACCEPT
							Type:BOTTOMED		Type:BOTTOMED	
							Ax Loc:OUT		Ax Loc:	
							Circ Loc:		Circ Loc:OUT	
							Length:		Length:	
IWF	RCC PUMP 21	1	2-ISI-79	VT-3	COL 1 BASE	90-070	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-84	UT0	COL 1 TIE PIN	90-406	Results:NONE	1L	Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-84	UT0	COL 1 TIE PIN	90-406	Results:NONE	2L	Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-84	VT-3	COL 1 TIE PIN	90-372	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-84	VT1	COL 1 TIE PIN	90-365	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-79	UT0	COL 2 PIN BOTT	90-092	Results:NONE	1	Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-79	UT0	COL 2 PIN BOTT	90-092	Results:NONE	2	Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-79	VT-3	COL 2 PIN BOTT	90-067	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-79	VT1	COL 2 PIN BOTT	90-089	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-80	UT0	COL 2 PIN TOP	90-093	Results:NONE	1	Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-80	UT0	COL 2 PIN TOP	90-093	Results:NONE	2	Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-80	VT-3	COL 2 PIN TOP	90-102	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-80	VT1	COL 2 PIN TOP	90-382	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 21	1	2-ISI-80	VT-3	COL 3 TOP CONN	90-391	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-79	VT-3	COL 1 BASE ANCH	90-068	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-81	UT0	COL 1 TIE BACK	90-403	Results:NONE	1L	Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-81	UT0	COL 1 TIE BACK	90-403	Results:NONE	2L	Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

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Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	RCC PUMP 22	1	2-ISI-81	VT-3	COL 1 TIE BACK	90-373	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-81	VT1	COL 1 TIE BACK	90-366	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-79	UT0	COL 2 PIN BOTT	90-091	Results:NONE	1	Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-79	UT0	COL 2 PIN BOTT	90-091	Results:NONE	2	Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-79	VT-3	COL 2 PIN BOTT	90-069	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-79	VT1	COL 2 PIN BOTT	90-090	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-80	UT0	COL 2 PIN TOP	90-094	Results:NONE	1	Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-80	UT0	COL 2 PIN TOP	90-094	Results:NONE	2	Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-80	VT-3	COL 2 PIN TOP	90-103	Results:NONE		Results:NONE	NONE
IWF	RCC PUMP 22	1	2-ISI-80	VT1	COL 2 PIN TOP	90-383	Results:NONE		Results:NONE	NONE
IWF	RHR RETURN B	1	2-ISI-21	VT-3	10-2RHR-1/E	90-209	Results:NONE		Results:NONE	NONE
IWF	RHR RETURN B	1	2-ISI-21	VT-3	RHRRH-18/B	90-208	Results:NONE		Results:NONE	NONE
IWF	RHR TAKE OFF HOT A	1	2-ISI-10A	VT-3	9-2RHR-6/D	90-131	Results:IND Type:FLAME Ax Loc:CUT HOLES Circ Loc: Length:		Results:NONE	NONE
IWF	RHR TAKE OFF HOT A	1	2-ISI-10A	VT-3	9-2RHR-7/C	90-126	Results:IND Type:THREAD Ax Loc:ENGAGEMENT Circ Loc: Length:		Results:IND Type:FLAW CUT Ax Loc: Circ Loc:HOLES Length:	NONE
IWF	RHR TAKE OFF HOT A	1	2-ISI-10A	VT-3	9-2RHR-7/C	90-126R	Results:N/A		Results:NONE	NONE, REEXAM AFTER REPAIR
IWF	RHR TAKE OFF HOT A	1	2-ISI-10A	VT-3	9-2RHR-8/B	90-124	Results:NONE		Results:NONE	NONE
IWF	RHR TAKE OFF HOT A	1	2-ISI-10A	VT-3	RHRRH-1/E	90-125	Results:NONE		Results:NONE	NONE
IWF	RHR TAKE OFF HOT B	1	2-ISI-20B	VT-3	9-2RHR-14R/K	90-206	Results:NONE		Results:NONE	NONE
IWF	RHR TAKE OFF HOT B	1	2-ISI-20A	VT-3	9-2RHR-15A/C	90-245	Results:NONE		Results:NONE	NONE
IWF	RHR TAKE OFF HOT B	1	2-ISI-20B	VT-3	RHRRH-13/K1	90-207	Results:N/A		Results:NONE	NONE
IWF	RTD RETURN A	1	2-ISI- 6	VT-3	138-2RTD-48/C	90-167	Results:NONE		Results:NONE	NONE
IWF	RTD RETURN B	1	2-ISI-17	VT-3	137-2RTD-48/A	90-196	Results:NONE		Results:NONE	NONE
IWF	RTD TAKE OFF COLD A	1	2-ISI- 3	VT-3	PRRCH-281/B1	90-164	Results:IND Type:SKEWED Ax Loc: Circ Loc: Length:		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	RTD TAKE OFF COLD B	1	2-ISI-14	VT-3	137-2RTD-2/B	90-194	Results:IND		Results:IND	NONE
							Type:LOOSE		Type:LOOSE NUT	
							Ax Loc:NUTS		Ax Loc:	
							Circ Loc:		Circ Loc:	
							Length:		Length:	
IWF	RTD TAKE OFF COLD B	1	2-ISI-14	VT-3	137-2RTD-2/B	90-194R	Results:N/A		Results:NONE	NONE, REEXAM AFTER REPAIR
IWF	RTD TAKE OFF HOT A	1	2-ISI- 4	VT-3	PRRCH-279/F	90-166	Results:NONE		Results:NONE	NONE
IWF	RTD TAKE OFF HOT B	1	2-ISI-15	VT-3	137-2RTD-6/A1	90-195	Results:IND		Results:NONE	NONE
							Type:LOOSE			
							Ax Loc:NUTS			
							Circ Loc:			
							Length:			
IWF	RX SAFETY INJ'N A	1	2-ISI-25	VT-3	PRSIH-266/A	90-231	Results:IND		Results:NONE	NONE, ENG. EVAL. ACCEPT
							Type:LOAD MARKS			
							Ax Loc:OFF			
							Circ Loc:			
							Length:			
IWF	RX SAFETY INJ'N A	1	2-ISI-29	VT-3	RHRRH-32/B	90-151	Results:NONE		Results:NONE	NONE
IWF	RX SAFETY INJ'N A	1	2-ISI-29	VT-3	RHRRH-33/A	90-150	Results:NONE		Results:NONE	NONE
IWF	RX SAFETY INJ'N B	1	2-ISI-26	VT-3	PRSIH-345/A	90-211	Results:NONE		Results:NONE	NONE
IWF	SEAL INJECTION A	1	2-ISI- 1B	VT-3	PRCVCH-1520/I	90-146	Results:NONE		Results:NONE	NONE
IWF	SEAL INJECTION A	1	2-ISI- 1A	VT-3	PRCVCH-1524/D	90-163	Results:NONE		Results:NONE	NONE
IWF	SEAL INJECTION A	1	2-ISI- 1A	VT-3	PRCVCH-1526/A	90-162	Results:NONE		Results:NONE	NONE
IWF	SEAL INJECTION B	1	2-ISI-12B	VT-3	PRCVCH-1381/E	90-193	Results:NONE		Results:NONE	NONE
IWF	SEAL INJECTION B	1	2-ISI-12C	VT-3	RCVCH-1575/A	90-192	Results:NONE		Results:NONE	NONE
IWF	SI HIGH HEAD B	1	2-ISI-23	VT-3	PRSIH-205/B	90-210	Results:NONE		Results:NONE	NONE
IWF	SPRAY TO PZR BR A	1	2-ISI- 7A	VT-3	113-2RC-1/B	90-168	Results:NONE		Results:NONE	NONE
IWF	SPRAY TO PZR BR A	1	2-ISI- 7A	VT-3	113-2RC-2/D	90-170	Results:NONE		Results:NONE	NONE
IWF	SPRAY TO PZR BR A	1	2-ISI- 7A	VT-3	113-2RC-4/C	90-169	Results:NONE		Results:NONE	NONE
IWF	SPRAY TO PZR BR A	1	2-ISI- 7C	VT-3	RCRH-5/V	90-189	Results:NONE		Results:NONE	NONE
IWF	SPRAY TO PZR BR B	1	2-ISI- 7D	VT-3	111-2RC-2B/E	90-191	Results:NONE		Results:NONE	NONE
IWF	SPRAY TO PZR BR B	1	2-ISI- 7D	VT-3	RCRH-1/D	90-190	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	UT0	COL 2 PIN BOTT	90-106	Results:NONE	1	Results:IND	NONE, ENG. EVAL. ACCEPT
									Scan: 1	
									Type:LINEAR	
									Amplitude:70	
									Ax Loc:2.34	
									Circ Loc:2:00	
									Length:1.0"	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	STEAM GENERATOR 21	1	2-ISI-77	UTO	COL 2 PIN BOTT	90-106	Results:NONE	2	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	VT-3	COL 2 PIN BOTT	90-064	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	VT1	COL 2 PIN BOTT	90-086	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	UTO	COL 2 PIN TOP	90-405	Results:NONE	1L	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	UTO	COL 2 PIN TOP	90-405	Results:NONE	2L	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	VT-3	COL 2 PIN TOP	90-367	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	VT1	COL 2 PIN TOP	90-361	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	VT-3	COL 3 COL CONN	90-368	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	UTO	COL 3 PIN BOTT	90-105	Results:NONE	1	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	UTO	COL 3 PIN BOTT	90-105	Results:NONE	2	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	VT-3	COL 3 PIN BOTT	90-371	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-77	VT1	COL 3 PIN BOTT	90-362	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	UTO	COL 3 PIN TOP	90-404	Results:NONE	1L	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	UTO	COL 3 PIN TOP	90-404	Results:NONE	2L	Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	VT-3	COL 3 PIN TOP	90-370	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-78	VT1	COL 3 PIN TOP	90-369	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 1 UPP RING	90-082	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 1 UPP RING	90-082R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 2 UPP RING	90-083	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 2 UPP RING	90-083R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 3 UPP RING	90-084	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 3 UPP RING	90-084R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 4 UPP RING	90-085	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 21	1	2-ISI-85	VT-3	PAD 4 UPP RING	90-085R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 22	1	2-ISI-77	UTO	COL 2 PIN BOTT	90-107	Results:NONE	1	Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-77	UTO	COL 2 PIN BOTT	90-107	Results:NONE	2	Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-77	VT-3	COL 2 PIN BOTT	90-065	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-77	VT1	COL 2 PIN BOTT	90-087	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	UTO	COL 2 PIN TOP	90-402	Results:NONE	1L	Results:NONE	NONE, ENG. EVAL. ACCEPT
IWF	STEAM GENERATOR 22	1	2-ISI-78	UTO	COL 2 PIN TOP	90-402	Results:NONE	2L	Results:IND	NONE
									Scan: 2L	
									Type:SPOT	
									Amplitude:20	
									Ax Loc:N/A	
									Circ Loc:0°	
									Length:SPOT	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	STEAM GENERATOR 22	1	2-ISI-78	VT-3	COL 2 PIN TOP	90-324	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	VT1	COL 2 PIN TOP	90-363	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	VT-3	COL 2 TOP CONN	90-326	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-77	UT0	COL 3 PIN BOTT	90-104	Results:NONE	1	Results:IND	NONE, ENG. EVAL. ACCEPT
									Scan: 1	
									Type:LINEAR	
									Amplitude:30	
									Ax Loc:2.40	
									Circ Loc:7:00	
									Length:1.0"	
IWF	STEAM GENERATOR 22	1	2-ISI-77	UT0	COL 3 PIN BOTT	90-104	Results:NONE	2	Results:IND	NONE, ENG. EVAL. ACCEPT
									Scan: 2	
									Type:LINEAR	
									Amplitude:30	
									Ax Loc:2.40	
									Circ Loc:5:00	
									Length:1.0"	
IWF	STEAM GENERATOR 22	1	2-ISI-77	VT-3	COL 3 PIN BOTT	90-066	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-77	VT1	COL 3 PIN BOTT	90-088	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	UT0	COL 3 PIN TOP	90-401	Results:NONE	1L	Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	UT0	COL 3 PIN TOP	90-401	Results:NONE	2L	Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	VT-3	COL 3 PIN TOP	90-325	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	VT1	COL 3 PIN TOP	90-364	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-78	VT-3	COL 3 TOP CONN	90-327	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-77	VT-3	COL 4 BASE	90-071	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 1 UPP RING	90-130	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 1 UPP RING	90-130R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 2 UPP RING	90-129	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 2 UPP RING	90-129R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 3 UPP RING	90-128	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 3 UPP RING	90-128R	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 4 UPP RING	90-127	Results:NONE		Results:NONE	NONE
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 4 UPP RING	90-127R	Results:N/A		Results:IND	NONE, REEXAM AFTER TIGHTEN G
									Type:LOOSE NUT	
									Ax Loc:	
									Circ Loc:	
									Length:	

TABLE S-II

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	STEAM GENERATOR 22	1	2-ISI-85	VT-3	PAD 4 UPP RING	90-127R1	Results:N/A		Results:NONE	NONE, REEXAM AFTER TIGHTENING

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE SCS1.2
PAGE 1 OF 6

INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
*	F-A F-B F-C	PLATE AND SHELL TYPE SUPPORTS LINEAR TYPE SUPPORTS COMPONENT STANDARD SUPPORTS					* ITEM NO.'S F-1, F-2,F-3 AND F-4 FOR EACH CATEGORY EXAMINED AS ONE COMPLETE ASSEMBLY
		PIPING					
		MAIN STEAM A 30-2MS-1 31-2MS-1	ONE	6	6	E,I C,AI	85-035,141,036 86-251,253,038,051, 048,024
			TWO	6	8	N,J A,D,H,P Q M,K,O	88-091,086,116,081 89-081,110,154,353 89-354,354R 90-137,076,138,139
			THREE	7	-		
		MAIN STEAM A RELIEF HEADER 30-2MS-1 6-2MS-1	ONE TWO THREE	1 1 1	1 - -	Q	88-092,092R
		MAIN STEAM B 30-2MS-2 31-2MS-2	ONE	5	5	D,Q/D Q J A Q,D,I	85-037,146/86-073 86-066,066R 86-250,250R,252,252R, 022 86-052,049,023 88-280,263,264,247 255,082
			TWO	6	9	E,I,O Q,L,K AI,C,H Q,L,I	89-255,397,397R,355 89-356,357,358 90-061,061R,095,077 90-140,141,081
			THREE	7	-		

P22S[illegible]S12

2

Form 17.2478 (5-89)
(M&SP 5.2)

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE SCS1.2
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		MAIN STEAM B RELIEF HEADER 30-2MS-2 6-2MS-2	ONE TWO THREE	1 1 1	1 1 -	P O	86-053 89-355
		FEEDWATER A 16-2FW-13 13-2FW-12 16-2FW-11	ONE TWO THREE	4 4 5	4 4 -	A,D,A A H,A L,E,F B,F	85-088,116,117 86-034,057,058,065 88-080,084,068 89-155,156,157 90-078,080,079
		FEEDWATER B 16-2FW-16	ONE TWO THREE	2 3 3	2 * *	A B	86-037 88-185 * RELIEF NO. 50
		RHR PUMP SUCTION B 10-2RH-3 8-2RH-4B 12-2RH-5B	ONE TWO THREE	6 6 6	6 7 -	B,N J,L P,A F,G,H,P C,I,O,F H	85-095,110 86-201,200 88-004,195 89-050,025,026, 026R,006 90-161,002,003,025 90-024
		RHR PUMP SUCTION A 8-2RH-4A 12-2RH-5A	ONE TWO THREE	2 2 3	2 3 -	F C E,G D	85-113 88-003 89-001,002 90-004

P22S-S12

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NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE SCS1.2
PAGE 3 OF 6
MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		RHR PUMP DISCHARGE B	ONE	4	4	D	85-115
		8-2RH-7B				I	86-197
		8-2RH-9B				C,H,D	88-001,281,002
		6-2RH-10B	TWO	4	4	J,E	89-027,003
						A,F	90-005,006
			THREE	5	-		
		RHR PUMP DISCHARGE A	ONE	4	4	F,A	85-111,112
		8-2RH-7A				A,H	86-007,198
		8-2RH-9A				L	88-174
		10-2RH-11	TWO	4	3	L,G	89-249,028
		6-2RH-12				E,J,L,G	90-007,011,171,010
			THREE	5	-		
							RELIEF NO. 50
		CONTAINMENT SUMP B	ONE	-	?	D	86-135
		DISCHARGE	TWO	1	1	D	90-014
		12-2RH-6B	THREE	1	-		
		14-2SI-33B					
							RELIEF NO. 50
		CONTAINMENT SUMP A	ONE	1	1	D	85-114,114R
		DISCHARGE	TWO	-	-		
		12-2RH-6A	THREE	1	-		
		14-2SI-33A					
		SAFETY INJECTION	ONE	-	-		
		PUMP SUCTION	TWO	1	1	D	90-026
		6-2SI-13A	THREE	1	-		
		6-2SI-13B					

P22SCS12

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		BORIC ACID SUPPLY TO SAFETY INJECTION 12-2SI-11 8-2SI-18	ONE	5	5	B,D,F,H,A	88-282,282R,277,278, 279,228,228R
			TWO	5	5	A,B G,H,J,K E,I	89-019,020,020R, 89-032,033,034,035 90-012,015
			THREE	6	-		
		SAFETY INJECTION PUMP SUCTION B 6-2RH-10B	ONE	1	1	C	88-227
			TWO	2	2	B B,A	89-012 90-027,016
			THREE	2	-		
		SAFETY INJECTION PUMP SUCTION A 6-2RH-10A	ONE	2	2	A,E	88-276,298
			TWO	2	2	B,G	89-029,011
			THREE	3	-		
		REFUELING WATER STORAGE TANK DISCHARGE 14-2SI-1 12-2SI-4 10-2SI-8	ONE	1	1	A/A	85-147/86-125
			TWO	1	1	B	90-017
			THREE	2	-		
		REACTOR VESSEL SAFETY INJECTION B 6-2SI-25B	ONE	1	1	A/A	86-062/88-191
			TWO	1	1	C	89-058
			THREE	1	-		

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2
INSERVICE INSPECTION—EXAMINATION SUMMARY

TABLE SCS1.2
PAGE 5 OF 6
MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		REACTOR VESSEL SAFETY INJECTION A	ONE	2	2	E/E H	86-061/88-190 88-192,192R
		6-2SI-25A	TWO	3	3	H,F,D C,F,H	89-051,052,053 90-172,174,173
			THREE	3	-		
		ACCUMULATOR DISCHARGE	ONE	1	1	A	85-101
		12-2SI-28A	TWO	1	1	B	90-197
		12-2SI-29A	THREE	1	-		
		12-2SI-28B					
		PUMPS					
		RESIDUAL HEAT REMOVAL	ONE	1	1	P	88-004
		PUMP NO. 21	TWO	1	1	G	90-001
		PUMP NO. 22	THREE	2	-		
		SAFETY INJECTION	ONE	4	4	HOLDING LUG E,F SUPPORT C,D	86-011,012 88-274,267,275,268
		PUMP NO. 21 PUMP NO. 22	TWO	4	4	SUPPORT C,D (VT) SUPPORT C,D	89-030,031 90-008,009
			THREE	4	-		
		VESSELS					
		BORIC ACID TANK	ONE	1	1	SUPPORT LEG A	88-194
		NO. 21	TWO	1	1	SUPPORT LEG B	90-038
			THREE	2	-		

P22SCS12

Form 17-2476 (5-89)
(M&SP 5.2)

PPM-0044 Rev. 1 (5/89)

NORTHERN STATES POWER CO.
PRAIRIE ISLAND UNIT 2

TABLE SCS1.2
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INSERVICE INSPECTION—EXAMINATION SUMMARY

MAJOR ITEM: COMPONENT SUPPORTS

SUB ITEM	EXAM CATE-GORY	COMPONENT OR SYSTEM AND DESCRIPTION OF ITEM TO BE EXAMINED	INSP. PER.	REQ'D AMT.	AMOUNT EXAM	ITEM IDENTIFICATION	INSPECTION REPORT NO.
		ACCUMULATOR TANKS	ONE	-	-		
		NO. 21	TWO	1	1	SUPPORT SKIRT	90-198,199
		NO. 22	THREE	1	-		
		HEAT EXCHANGERS					
		RHR HEAT EXCHANGERS	ONE	1	1	SUPPORT A	86-008
		NO. 21	TWO	1	1	SUPPORT A	90-013
		NO. 22	THREE	2	-		

P22SCS12

Form 17.2470 (5-89)
(M&SP 5.2)

PPM-0044, Rev. 1 (5/89)

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	ACCUMULATOR DISCH A	II	2-ISI-75	VT-3	SIRH-1/B	90-197	Results:NONE		Results:NONE	NONE
IWF	ACCUMULATOR TANK 21	II	2-ISI-76	VT-3	SKIRT BOLTING	90-198	Results:N/A		Results:NONE	NONE
IWF	ACCUMULATOR TANK 21	II	2-ISI-76	VT-3	SUPPORT SKIRT	90-199	Results:N/A		Results:NONE	NONE
IWF	BORIC [illegible] TANK 22	II	2-ISI-68	VT-3	SUPPORT LEG B	90-038	Results:N/A		Results:NONE	NONE
IWF	BORIC ACID TO SI	II	2-ISI-61	VT-3	2-SIH-112/I	90-015	Results:N/A		Results:NONE	NONE
IWF	BORIC ACID TO SI	II	2-ISI-61	VT-3	2-SIH-116/E	90-012	Results:N/A		Results:NONE	NONE
IWF	CONTMNT SUMP B DISCH	II	2-ISI-58	VT-3	RHRH-3/D	90-014	Results:N/A		Results:NONE	NONE
IWF	FEEDWATER A	II	2-ISI-48A	VT-3	2-FW-4A/F	90-080	Results:IND		Results:NONE	NONE
							Type:DRAWING			
							Ax Loc:COMPLIANCE			
							Circ Loc:			
							Length:			
IWF	FEEDWATER A	II	2-ISI-48A	VT-3	FWH-68/B	90-078	Results:N/A		Results:NONE	NONE
IWF	FEEDWATER A	II	2-ISI-48A	VT-3	FWH-70/F	90-079	Results:NONE		Results:NONE	NONE
IWF	MAIN STEAM A	II	2-ISI-46B	VT-3	MSH-32/M	90-137	Results:NONE		Results:NONE	NONE
IWF	MAIN STEAM A	II	2-ISI-46A	VT-3	MSH-34/K	90-076	Results:N/A		Results:NONE	NONE
IWF	MAIN STEAM A	II	2-ISI-46B	VT-3	MSH-81/Q	90-140	Results:IND		Results:NONE	NONE
							Type:FLUID			
							Ax Loc:LEVEL			
							Circ Loc:			
							Length:			
IWF	MAIN STEAM A	II	2-ISI-46B	VT-3	RES'T 4A/O	90-138	Results:N/A		Results:NONE	NONE
IWF	MAIN STEAM A	II	2-ISI-46B	VT-3	RES'T 7A/O	90-139	Results:N/A		Results:NONE	NONE
IWF	MAIN STEAM B	II	2-ISI-47B	VT-3	MSH-19/L	90-141	Results:IND		Results:NONE	NONE
							Type:DRAWING			
							Ax Loc:COMPLIANCE			
							Circ Loc:			
							Length:			
IWF	MAIN STEAM B	II	2-ISI-47A	VT-3	MSH-37/I	90-081	Results:IND		Results:NONE	NONE
							Type:BASE PLATE			
							Ax Loc:3/8" FROM			
							Circ Loc:WALL			
							Length:			
IWF	MAIN STEAM B	II	2-ISI-47A	VT-3	MSH-41/H	90-077	Results:NONE		Results:NONE	NONE
IWF	MAIN STEAM B	II	2-ISI-47A	VT-3	MSH-46/C	90-095	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	MAIN STEAM B	II	2-ISI-47A	VT-3	MSH-50/A1	90-061	Results:N/A		Results:IND	NONE
									Type:LOOSE NUT	
									Ax Loc:	
									Circ Loc:	
									Length:	
IWF	MAIN STEAM B	II	2-ISI-47A	VT-3	MSH-50/A1	90-061R	Results:N/A		Results:NONE	NONE, REEXAM AFTER REPAIR
IWF	RHR HEAT EXCH 21	II	2-ISI-69	VT-3	SUPPORT A	90-013	Results:NONE		Results:NONE	NONE
IWF	RHR PUMP 21	II	2-ISI-53	VT-3	BASE/G	90-001	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP DISCH A	II	2-ISI-57	VT-3	RHRH-24/J	90-011	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP DISCH A	II	2-ISI-57	VT-3	RHRH-25/G	90-010	Results:IND		Results:NONE	NONE
							Type:LOOSE			
							Ax Loc:CLAMP			
							Circ Loc:			
							Length:			
IWF	RHR PUMP DISCH A	II	2-ISI-57	VT-3	RHRH-31/E	90-007	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP DISCH A	II	2-ISI-57	VT-3	RHRH-57/L	90-171	Results:NONE		Results:NONE	NONE
IWF	RHR PUMP DISCH B	II	2-ISI-55	VT-3	RHRH-35/A	90-005	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP DISCH B	II	2-ISI-55	VT-3	RHRH-38/F	90-006	Results:NONE		Results:NONE	NONE
IWF	RHR PUMP SUCTION A	II	2-ISI-53	VT-3	RHRH-12/D	90-004	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP SUCTION B	II	2-ISI-51	VT-3	RHRH-19/H	90-024	Results:IND		Results:NONE	NONE
							Type:LOOSE			
							Ax Loc:NUTS			
							Circ Loc:			
							Length:			
IWF	RHR PUMP SUCTION B	II	2-ISI-51	VT-3	RHRH-20/F	90-025	Results:IND		Results:NONE	NONE
							Type:NO LOAD			
							Ax Loc:MARKERS			
							Circ Loc:			
							Length:			
IWF	RHR PUMP SUCTION B	II	2-ISI-51	VT-3	RHRH-27/I	90-002	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP SUCTION B	II	2-ISI-51	VT-3	RHRH-52/O	90-003	Results:N/A		Results:NONE	NONE
IWF	RHR PUMP SUCTION B	II	2-ISI-51	VT-3	RHRH-56/C	90-161	Results:NONE		Results:NONE	NONE
IWF	RWST DISCHARGE	II	2-ISI-67	VT-3	SIH-16/B	90-017	Results:NONE		Results:NONE	NONE
IWF	RX SAFETY INJ'N A	II	2-ISI-73	VT-3	RHRRH-26/C	90-172	Results:N/A		Results:NONE	NONE
IWF	RX SAFETY INJ'N A	II	2-ISI-73	VT-3	RHRRH-29/F	90-174	Results:N/A		Results:NONE	NONE

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II

TABLE S-II

Examination Comparison Summary

SUB-ITEM	SYSTEM	CLASS	ISO	METH	ITEM	REPORT	PREVIOUS RESULTS	SCAN	CURRENT RESULTS	LIMITATIONS
IWF	RX SAFETY INJ'N A	II	2-ISI-73	VT-3	RNRRH-31/H	90-173	Results:N/A		Results:NONE	NONE
IWF	SI PUMP 21	II	2-ISI-60	VT-3	SUPPORT C	90-008	Results:N/A		Results:NONE	NONE
IWF	SI PUMP 21	II	2-ISI-60	VT-3	SUPPORT D	90-009	Results:N/A		Results:NONE	NONE
IWF	SI PUMP A SUCTION	II	2-ISI-65	VT-3	SIH-22/D	90-026	Results:N/A		Results:NONE	NONE
IWF	SI PUMP B SUCTION	II	2-ISI-63	VT-3	SIH-29/B	90-027	Results:N/A		Results:IND	NONE, ENG. EVAL. ACCEPT
									Type:NO LOAD	
									Ax Loc:	
									Circ Loc:SCALE	
									Length:	
IWF	SI PUMP B SUCTION	II	2-ISI-63	VT-3	SIH-30/A	90-016	Results: IND		Results:NONE	NONE
							Type:LOOSE			
							Ax Loc:NUTS			
							Circ Loc:			
							Length:			

APPENDIX E

TABLE I-PERSONNEL LISTING
TABLE II-ULTRASONIC CALIBRATION BLOCKS
TABLE III-PROCEDURE LISTING
TABLE IV-EQIPMENT AND MATERIALS

PERSONNEL ROSTER

CONTRACTOR:
Lambert, MacGill, Thomas, Inc.

10/04/90
515 Aldo Ave.
Santa Clara, CA 95054

NAME JOB TITLE	ET LEVEL RECERT	MT LEVEL RECERT	PT LEVEL RECERT	UT LEVEL RECERT	IGSCC QUAL?	VT-1 LVL RECERT	VT-3 LVL RECERT	VISION DUE DATE	REMARKS
M.D. Hahn TECH	/ /	II 02/05/93	II 02/02/93	I 02/06/93		/ /	/ /	02/21/91	
D.A. Halling TECH	/ /	II 02/13/93	II 10/14/90	II 06/05/92	N	II 09/26/92	II 09/25/92	02/08/91	
J.M. Johnson TECH	/ /	II 08/19/92	II 08/21/92	II 08/28/93	N	/ /	/ /	08/04/91	
D.B. MacGill LMT SUPR.	/ /	III 02/17/92	III 02/16/92	III 02/16/92	N	/ /	/ /	07/10/91	
S.D. MacGill DATA MGMT	/ /	/ /	/ /	/ /		/ /	/ /	07/10/91	
C.P. McElroy TECH	/ /	II 02/05/93	II 02/05/93	II 09/26/92	N	/ /	/ /	02/13/91	
E.J. PAVLIC TECH	/ /	/ /	/ /	I 09/1?/93		/ /	/ /	09/07/91	
W.R. Raymer TECH	/ /	II 04/09/91	II 04/09/91	II 04/03/91	N	II 04/08/91	II 04/08/91	07/23/91	
D.B. Richey TECH	/ /	II 06/22/92	III 06/16/92	III 04/14/92	Y	III 08/18/92	III 08/18/92	09/05/91	
G.J. Strait ISI FORMAN	/ /	III 04/25/92	III 05/11/93	III 05/11/93	N	III 09/20/92	III 09/20/92	12/13/90	

PERSONNEL ROSTER

CONTRACTOR:
Lambert, MacGill, Thomas, Inc.

10/02/90
515 Aldo Ave.
Santa Clara, CA 95054

NAME JOB TITLE	ET LEVEL RECERT	MT LEVEL RECERT	PT LEVEL RECERT	UT LEVEL RECERT	IGSCC QUAL?	VT-1 LVL RECERT	VT-3 LVL RECERT	VISION DUE DATE	REMARKS
W.L. Thomas TECH	/ /	I 03/08/92	I 05/25/92	II 05/16/93	N	/ /	/ /	02/13/91	
A.S. Whealdon GEN FORMAN	/ /	III 05/29/93	III 05/29/93	III 05/29/93	N	II 10/14/92	II 05/18/91	12/28/90	
J.P. Wren TECH	/ /	II 08/21/92	II 08/21/92	II 08/21/92	N	II 09/25/92	II 09/25/92	08/13/91	

PERSONNEL ROSTER

CONTRACTOR:
Conam Inspection

10/15/90
660 South 31st St.
Richmond, CA 94804

NAME JOB TITLE	ET LEVEL RECERT	MT LEVEL RECERT	PT LEVEL RECERT	UT LEVEL RECERT	IGSCC QUAL?	VT-1 LVL RECERT	VT-3 LVL RECERT	VISION DUE DATE	REMARKS
D.M. CHAMBERS ANALYST	III 01/10/92	/ /	/ /	/ /		/ /	/ /	07/05/91	
M.E. DOBSON ANALYST	IIA 08/23/91	/ /	/ /	/ /		/ /	/ /	12/19/90	
G.D. DONOVAN OPERATOR	IIB 06/19/93	/ /	/ /	/ /		/ /	/ /	01/08/91	
T.B. DONOVAN OPERATOR	I 06/06/93	/ /	/ /	/ /		/ /	/ /	06/07/91	
.C. DUKE OPERATOR	I 06/06/93	/ /	/ /	/ /		/ /	/ /	06/07/91	
B.K. FERGUSON ANALYST	IIA 01/27/92	/ /	/ /	/ /		/ /	/ /	10/17/90	
K.L. FILARSKI OPERATOR	I 06/06/93	/ /	/ /	/ /		/ /	/ /	06/07/91	
J.J. FUNANICH ANALYST	III 07/28/92	/ /	/ /	/ /		/ /	/ /	07/19/91	
G.K. GOYA OPERATOR	IIB 06/18/93	/ /	/ /	/ /		/ /	/ /	02/23/91	
K.J. HALL ANALYST	IIA 08/14/92	/ /	/ /	/ /		/ /	/	07/23/91	

PERSONNEL ROSTER

CONTRACTOR:
Conam Inspection

10/15/90
660 South 31st St.
Richmond, CA 94804

NAME JOB TITLE	ET LEVEL RECERT	MT LEVEL RECERT	PT LEVEL RECERT	UT LEVEL RECERT	IGSCC QUAL?	VT-1 LVL RECERT	VT-3 LVL RECERT	VISION DUE DATE	REMARKS
J.M. JANET OPERATOR	IIA 08/15/93	/ /	/ /	/ /		/ /	/ /	03/21/91	
M.R. KENEIPP ANALYST	IIA 01/31/92	/ /	/ /	/ /		/ /	/ /	01/04/91	
M.E. LANDIS ANALYST	IIA 03/11/91	/ /	/ /	/ /		/ /	/ /	10/12/90	
J.E. MANN OPERATOR	IIB 06/18/93	/ /	/ /	/ /		/ /	/ /	02/23/91	
B.D. MARLOW SUPERVISOR	IIB 03/10/92	/ /	/ /	/ /		/ /	/ /	02/20/91	
R.H. MERRIMAN ANALYST	IIA 11/24/90	/ /	/ /	/ /		/ /	/ /	02/20/91	
J.F. MITCHELL ANALYST	IIA 08/25/92	/ /	/ /	/ /		/ /	/ /	12/18/90	
J.C. PIRE OPERATOR	I 06/06/93	/ /	/ /	/ /		/ /	/ /	06/07/91	
F. . POWELL, JR. OPERATOR	IIB 07/20/93	/ /	/ /	/ /		/ /	/ /	03/20/91	
D.G. SMITH OPERATOR	I 06/06/93	/ /	/ /	/ /		/ /	/ /	06/07/91	

PERSONNEL ROSTER

CONTRACTOR:
Conam Inspection

10/15/90
660 South 31st St.
Richmond, CA 94804

NAME JOB TITLE	ET LEVEL RECERT	MT LEVEL RECERT	PT LEVEL RECERT	UT LEVEL RECERT	IGSCC QUAL?	VT-1 LVL RECERT	VT-3 LVL RECERT	VISION DUE DATE	REMARKS
G.R. THOMPSON ANALYST	IIA 04/19/93	/ /	/ /	/ /		/ /	/ /	12/19/90	
W.L. TOBIN OPERATOR	IIB 06/18/93	/ /	/ /	/ /		/ /	/ /	03/20/91	
D.J. TORRES OPERATOR	IIA 08/17/93	/ /	/ /	/ /		/ /	/ /	08/23/91	
R.J. WEBB OPERATOR	IIA 08/10/93	/ /	/ /	/ /		/ /	/ /	07/24/91	

PERSONNEL ROSTER

CONTRACTOR:
Zetec
1370 N. W. Mall

10/02/90
P. O. Box 140
Issaquah, WA 980270140

NAME JOB TITLE	ET LEVEL RECERT	MT LEVEL RECERT	PT LEVEL RECERT	UT LEVEL RECERT	IGSCC QUAL?	VT-1 LVL RECERT	VT-2 LVL RECERT	VISION DUE DATE	REMARKS
J.E. COX ANALYST	III 08/24/91	/ /	/ /	/ /		/ /	/ /	03/19/91	
N.J. FARENBAUGH ANALYST	IIA 02/12/91	/ /	/ /	/ /		/ /	/ /	08/17/91	
W.A. GRAY ANALYST	III 07/08/91	/ /	/ /	/ /		/ /	/ /	12/06/90	
L.D. HOVER ANALYST	IIA 01/03/92	/ /	/ /	/ /		/ /	/ /	01/24/91	
D.H. IVES ANALYST	III 06/01/91	/ /	/ /	/ /		/ /	/ /	01/19/91	
M.G. MANLEY ANALYST	IIA 03/17/92	/ /	/ /	/ /		/ /	/ /	08/15/91	
C.M. MATHISON ANALYST	IIA 09/14/91	/ /	/ /	/ /		/ /	/ /	03/29/91	
J.D. SIEGEL ANALYST	III 12/11/90	/ /	/ /	/ /		/ /	/ /	12/18/90	
R.A. VOLLMER ANALYST	III 08/11/92	/ /	/ /	/ /		/ /	/ /	03/21/91	
T.A. WOLLER ANALYST	III 06/01/91	/ /	/ /	/ /		/ /	/ /	03/14/91	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ULTRASONIC CALIBRATION BLOCKS

APPENDIX E
TABLE II

NSP NO.	SIZE DIA.	PIPE SCHEDULE & THICKNESS		MATERIAL	SERIAL OR HEAT NO.	CALIBRATION REPORTS	DATE
3	2"	160	.344"	A312 TP-304	2P4659	DBR-009	09-25-90
4	3"	160	.438"	A376 TP-316	M5900	GJS-006 GJS-007	09-18-90 09-18-90
6	6"	160	.718"	A376 TP-316	M3715	DBR-005 DBR-006 DBR-010 DBR-012 GJS-001 GJS-002	09-24-90 09-24-90 09-26-90 09-26-90 09-12-90 09-12-90
8	8"	140	.812"	A376 TP-316	J2338	GJS-008 GJS-009	09-18-90 09-27-90
11	12"	160	1.312"	A376 TP-316	J2103	DBR-011 DBR-013	09-26-90 09-26-90
15	--	---	1.500"	A-351 CF8A	B2877	DBR-003 DBR-004	09-23-90 09-23-90
16	--	---	1.500"	SA-299	PI222	JPW-013	09-24-90
20	16"	80	1.219"	A-106 GR B	NI4868	WLT-014	09-29-90
23	30"	---	1.045"	A-515 GR 70	88526	CPM-003 WLT-003	09-28-90 09-22-90
24	31"	---	1.534"	A-515 GR 70	79114	WLT-002 JPW-012	09-21-90 09-24-90

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
ULTRASONIC CALIBRATION BLOCKS

APPENDIX E
TABLE II
PAGE 2 OF 2

NSP NO.	SIZE DIA.	PIPE SCHEDULE & THICKNESS	MATERIAL	SERIAL OR HEAT NO.	CALIBRATION REPORTS	DATE
25A	BLOCK	--- 5.312"	A533 GR B CL 1	C2220/1	JPW-005	09-17-90
					JPW-006	09-17-90
					JPW-007	09-17-90
					JPW-008	09-18-90
					JPW-009	09-19-90
					JPW-010	09-19-90
					JPW-017	09-26-90
					JPW-018	09-26-90
					JPW-019	09-26-90
26	BLOCK	--- 3.5"	A533 GR B Cl 2	52391	DBR-001	09-19-90
					DBR-002	09-19-90
					GJS-003	09-13-90
					GJS-004	09-14-90
					GJS-005	09-15-90
					WLT-001	09-20-90
36	16"	100 1.031" x .585"	A-106 GR C	45124A	JPW-002	09-14-90
					JPW-003	09-14-90
					JPW-004	09-14-90
					JPW-015	09-25-90
					JPW-016	09-25-90
Y-50	6.126"	--- 62" L	SA-540 B-24	82586	JWP-011	09-20-90

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
PROCEDURE LISTING

APPENDIX E
TABLE III
PAGE 1 OF 2

PROCEDURE NUMBER AND REVISION	FIELD CHANGE	PROCEDURE TITLE	PLANT APPROVAL DATE	CHANGE DESCRIPTION
ISI-PT-1, REV. 0	NONE	LIQUID PENETRANT EXAMINATION	08-08-89	
ISI-PT-2, REV. 0	NONE	HIGH TEMPERATURE LIQUID PENETRANT EXAMINATION	08-08-89	
ISI-MT-1, REV. 0	NONE	MAGNETIC PARTICLE EXAMINATION	08-08-89	
ISI-MT-2, REV. 0	NONE	WET MAGNETIC PARTICLE EXAMINATION	08-08-89	
ISI-UT-1, REV. 1	NONE	ULTRASONIC EXAMINATION OF PIPE WELDS	08-20-90	
ISI-UT-2, REV. 0	NONE	AUTOMATIC DATA RECORDING	08-08-89	
ISI-UT-3, REV. 1	NONE	ULTRASONIC EXAMINATION OF FERRITIC VESSELS	08-20-90	
ISI-UT-4, REV. 1	NONE	ULTRASONIC EXAMINATION OF STUDS, BOLTS AND NUTS	08-20-90	
ISI-UT-4B, REV. 1	NONE	AXIAL ULTRASONIC EXAMINATION OF STUDS AND BOLTS	08-20-90	
ISI-UT-11, REV. 1	NONE	ULTRASONIC EXAMINATION OF CAST STAINLESS STEEL PIPING	08-20-90	
ISI-UT-12, REV. 1	NONE	ULTRASONIC EXAMINATION OF REACTOR COOLANT PUMP FLYWHEELS	08-20-90	
ISI-UT-16, REV. 1	NONE	ULTRASONIC EXAMINATION OF WELDS IN AUSTENITIC AND HIGH NICKEL ALLOY MATERIALS	08-20-90	

NORTHERN STATES POWER COMPANY
PRAIRIE ISLAND UNIT II
PROCEDURE LISTING

PROCEDURE NUMBER AND REVISION	FIELD CHANGE	PROCEDURE TITLE	PLANT REVIEW DATE	CHANGE DESCRIPTION
ISI-VT-1.0, REV. 0	NONE	VISUAL EXAMINATION	08-08-89	
ISI-VT-2.0, REV. 0	NONE	VISUAL EXAMINATION OF HANGER ASSEMBLIES	08-08-89	
ISI-ET-1, REV. 1	SUP. 1	EDDY CURRENT DATA ANALYSIS GUIDELINES	09-13-90	
42-EC-165 REV. 3	FC 1	MULTIFREQUENCY EDDY CURRENT PROCEDURE, WESTINGHOUSE SERIES 51 STEAM GENERATOR TUBING, MIZ 18 DIGITAL EDDY CURRENT SYSTEM, PRAIRIE ISLAND UNITS 1 & 2	01-24-90	ALLOW FOR USE OF EDDYNET ANALYSIS SOFTWARE
42-EC-168 REV. 1	FC 1	SPECIAL EXAMINATION PROCEDURE, WESTINGHOUSE SERIES 51 STEAM GENERATOR TUBING, MIZ-18 DIGITAL EDDY CURRENT SYSTEM, PRAIRIE ISLAND UNITS 1 & 2	01-24-90	ALLOW FOR USE OF EDDYNET ANALYSIS SOFTWARE
42-EC-168 REV. 1	FC 2	SPECIAL EXAMINATION PROCEDURE, WESTINGHOUSE SERIES 51 STEAM GENERATOR TUBING, MIZ-18 DIGITAL EDDY CURRENT SYSTEM, PRAIRIE ISLAND UNITS 1 & 2	09-14-90	ALLOW FOR USE OF QUICK EDDY 360 PROBE HEAD FOR PLUG EXAMINATION

PI UNIT II
TABLE IV: Equipment and Materials

IV A: ULTRASONIC INSTRUMENTS

MANUFACTURER	MODEL	SERIAL NUMBER	CALIBRATION DUE DATE	CONTRACTOR
NORTEC	131/D	111	11/01/90	LMT
NORTEC	131/D	126	11/02/90	LMT
NORTEC	131/D	287	10/27/90	LMT
NORTEC	131/D	291	10/30/90	LMT
PANAMETRIC	EPOCH 2002	377	10/13/90	LMT
PANAMETRIC	EPOCH 2002	864	10/10/90	LMT

IV C: ULTRASONIC REFERENCE STATNDARDS

MANUFACTURER	TYPE	MATERIAL	SERIAL NUMBER	CONTRACTOR
DIMAC	IIW	ASTM A 108	LMT-1	LMT
ESCO CORP	STEPWEDGE	304	STP-5	LMT
ESCO CORP	STEPWEDGE	304	STP-7	LMT
DIMAC	STEPWEDGE	C/S	LMT-14	LMT
DIMAC	STEPWEDGE	A 108	STP-10	LMT
DIMAC	ROMPAS	304	LMT-035	LMT
DIMAC	ROMPAS	304	LMT-057	LMT
DIMAC	ROMPAS	4140	LMT-065	LMT
DIMAC	ROMPAS	4140	LMT-068	LMT

PI UNIT II
TABLE IV: Equipment and Materials

IV C: EDDY CURRENT REFERENCE STATNDARDS

MANUFACTURER	TYPE	MATERIAL	SERIAL NUMBER	CONTRACTOR
ZETEC	STD, REF	INCONEL	Z-3457	CONAM
ZETEC	STD, REF	INCONEL	Z-3458	CONAM
ZETEC	STD, REF	INCONEL	Z-3513	CONAM
ZETEC	STD, REF	INCONEL	Z-3908	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-6448	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-6449	CONAM
ZETEC	STD, AVB	INCONEL	Z-7500	CONAM
ZETEC	STD, AVB	INCONEL	Z-7501	CONAM
ZETEC	STD, EXPAN	INCONEL	Z-7525	CONAM
ZETEC	STD, EXPAN	INCONEL	Z-7526	CONAM
ZETEC	STD, EXPAN	INCONEL	Z-7527	CONAM
ZETEC	STD, EXPAN	INCONEL	Z-7528	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-8467	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-8468	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-8469	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-8470	CONAM
ZETEC	STD, GUIDE	INCONEL	Z-8471	CONAM
B & W	PLUG	INCONEL	2848-2-271	CONAM
B & W	PLUG	INCONEL	2848-2-272	CONAM

IV D: ULTRASONIC SEARCH UNITS

MANUFACTURER	MODEL	SERIAL NUMBER	SIZE	FREQUENCY	NOMINAL ANGLE	CONTRACTOR
KBI	AB	F26459	10 X 10 mm	2.0	70°	LMT
AEROTECH	AB	H10142	0.5"	1.5	N/A	LMT
AEROTECH	AB	J05539	0.25"	2.25	N/A	LMT
AEROTECH	AB	J05540	0.25"	2.25	N/A	LMT
AUTOMATION	AB	J85257	0.5 X 0.5"	2.25	60°	LMT
AUTOMATION	AB	J85296	0.5 X 0.5"	2.25	60°	LMT
AEROTECH	AB	K17340	0.5"	2.25	N/A	LMT
AEROTECH	AB	K26863	0.25"	5.0	N/A	LMT
AUTOMATION	SB	K85135	0.38" DIA	2.25	0°	LMT
AUTOMATION	SB	K85136	0.38" DIA	2.25	0°	LMT
AUTOMATION	AB	K85211	.38 X .38"	2.25	45°	LMT
AUTOMATION	AB	K85212	.38 X .38"	2.25	45°	LMT
AUTOMATION	AB	L85219	.38 X .38"	1.5	45°	LMT
AUTOMATION	AB	L85220	.38 X .38"	1.5	45°	LMT
AUTOMATION	AB	L85221	.38 X .38"	1.5	45°	LMT
AUTOMATION	AB	L85222	.38 X .38"	1.5	45°	LMT
HARISONIC	AB	V10705	1.0 X 1.0"	2.25	N/A	LMT
HARISONIC	AB	V11195	0.38"	1.5	N/A	LMT
HARISONIC	AB	V11196	0.38"	1.5	N/A	LMT

PI [illegible]

TABLE IV: Equip[illegible] and Materials

IV D: ULTRASONIC SEARCH UNITS

MANUFACTURER	MODEL	SERIAL NUMBER	SIZE	FREQUENCY	NOMINAL ANGLE	CONTRACTOR
SUSI	AB	1378	0.5 X 0.5"	1.0	55°	LMT
HARISONIC	AB	1854	.25 X.625"	1.0	55°	LMT
HARISONIC	AB	1855	.25 X.625"	1.5	55°	LMT
PANAMETRIC	SB	5840	1.0" DIA	1.0	0°	LMT
HARISONIC	SB	C264	1.0" DIA	2.25	0	LMT
HARISONIC	AB	L416	.38 X .38"	3.5	N/A	LMT
HARISONIC	AB	L427	.38 X .38"	3.5	N/A	LMT
HARISONIC	SB	N951	1.2" DIA	1.0	0°	LMT
KBA	AB	33295	.375" DIA	2.25	N/A	LMT
KBI	AB	56526	12 X 6 mm	2.0	70°	LMT
AEROTECH	AB	77204	0.38" DIA	5.0	N/A	LMT
AEROTECH	AB	77223	0.38" DIA	5.0	N/A	LMT
HARISONIC	SB	98872	1.0"	2.25	0	LMT
HARISONIC	SB	B6466	0.25" DIA	5.0	0°	LMT
HARISONIC	SB	B7356	0.38" DIA	5.0	0°	LMT
HARISONIC	AB	C4157	.38 X .38"	1.5	55°	LMT
HARISONIC	SB	D2609	0.25" DIA	5.0	0°	LMT
HARISONIC	SB	D5050	.38" DIA	5.0	0°	LMT
HARISONIC	SB	N-979	1/2 X 1/2"	2.25	0	LMT
HARISONIC	AB	S2285	0.5 X 0.5"	1.5	N/A	LMT
HARISONIC	AB	S2286	0.5 X 0.5"	1.5	N/A	LMT
HARISONIC	AB	T4158	1.0 X 1.0"	2.25	N/A	LMT
HARISONIC	SB	V6271	.750"	2.25	0	LMT
HARISONIC	AB	W1283	1.0 X 1.0"	2.25	N/A	LMT
AEROTECH	SB	015963	0.5" DIA	2.25	0°	LMT
KBA	AB	A21651	1.0"	1.0	N/A	LMT
KBA	AB	A21652	1.0"	1.0	N/A	LMT
AEROTECH	AB	A25417	.18 X .18"	2.25	60°	LMT
AEROTECH	AB	A25418	.18 X .18"	2.25	60°	LMT
AEROTECH	SB	A30160	0.5" DIA	2.25	0°	LMT
AEROTECH	AB	B12133	1.0"	2.25	N/A	LMT
AEROTECH	AB	C15851	1.0"	2.25	N/A	LMT
AEROTECH	AB	C21837	0.5"	2.25	N/A	LMT
AUTOMATION	AB	C85188	.38 X .38"	2.25	60°	LMT
AUTOMATION	AB	C85190	.38 X .38"	2.25	60°	LMT
HARISONIC	SB	E11082	0.5" DIA	2.25	0°	LMT
HARISONIC	SB	E11083	0.5" DIA	2.25	0°	LMT
AT	AB	F13026	0.25"	5.0	N/A	LMT
KBA	AB	F15648	1.0"	1.0	N/A	LMT
KBA	AB	F15649	1.0"	1.0	N/A	LMT

PI UNIT II
TABLE IV: Equipment and Materials

IV E: LIQUID PENETRANT MATERIALS

MANUFACTURER	MATERIAL	TYPE	BATCH NUMBER	CONTRACTOR
MAGNAFLUX	CLEANER	SKC-NF/ZC-7B	86M001	LMT
MAGNAFLUX	CLEANER	SKC-NF	89L01P	LMT
MAGNAFLUX	CLEANER	SKC-NF	90A01S	LMT
SHERWIN	CLEANER	K019	329-D56	LMT
MAGNAFLUX	DEVELOPER	SKD-NF/ZF-9B	86A008	LMT
MAGNAFLUX	DEVELOPER	SKD-NF/ZP-9B	88C046	LMT
MAGNAFLUX	DEVELOPER	SKD-NF/ZP-9B	88H063	LMT
SHERWIN	DEVELOPER	D-350	223-D71	LMT
MAGNAFLUX	PENETRANT	SKL-HF/S	83K027	LMT
MAGNAFLUX	PENETRANT	SKL-HF/S	85K050	LMT
MAGNAFLUX	PENETRANT	SKL-HF/S	85K076	LMT
SHERWIN	PENETRANT	K017	329-D54	LMT

IV F: MAGNETIC PARTICLE EQUIPMENT & MATERIALS

MANUFACTURER	MATERIAL	TYPE	BATCH NUMBER	CONTRACTOR
MAGNAFLUX	L-10		GTL-004	LMT
PARKER	DA-200		10282	LMT
MAGNAFLUX	Y-6		GTL-005	LMT

PI UNIT II
TABLE IV: Equipment and Materials

IV G: MISCELLANEOUS EQUIPMENT & MATERIALS

MANUFACTURER	MATERIAL	TYPE	BATCH NUMBER	CONTRACTOR
ARDROX	J221	BL METER		LMT
PTC	310F	TMP GAGE	1128	LMT
PTC	310F	TMP GAGE	1129	LMT
PTC	310F	TMP GAGE	1130	LMT
PTC	310F	TMP GAGE	1131	LMT
PTC	310F	TMP GAGE	1132	LMT
PTC	310F	TMP GAGE	1135	LMT
PTC	310F	TMP GAGE	1136	LMT
PTC	310F	TMP GAGE	1137	LMT
PTC	310F	TMP GAGE	1138	LMT
PTC	310F	TMP GAGE	1139	LMT

IV H: EDDY CURRENT COMPUTERS

MANUFACTURER	MODEL	SERIAL NUMBER	CALIBRATION DUE DATE	CONTRACTOR
ZETEC	MIZ-18A	007	12/12/90	CONAM
ZETEC	MIZ-18A	012	12/11/90	CONAM
ZETEC	MIZ-18A	076	08/21/91	CONAM
ZETEC	MIZ-18A	148	09/06/91	CONAM
ZETEC	MIZ-18A	178	07/26/91	CONAM
ZETEC	MIZ-18	193	01/19/91	CONAM

APPENDIX F

STEAM GENERATOR NO. 21

EDDY CURRENT TUBE SHEET MAPS AND CUMULATIVE DATA REPORTS

LEGEND OF FIELDS AND CODES

FIELD	EXPLANATION
ROW	Row number of tube location
COL	Column number of tube location
LEG	Channel head tested from
BEG	Beginning extent of test
END	Ending extent of test
REM	Remarks
REEL	Reel number where data is located
PROBE	Probe size, manufacturer and type used
LOCATION	Location of call or date plug installed
VOLTS	Voltage of signal
DEG	Degree of signal
%	Measured percent through wall depth
CH	Channel used for measurement

FIELD	CODE	EXPLANATION
LEG	C	Cold leg
	H	Hot leg
PROBE	***	Probe nominal diameter
	ZW	Wide groove ULC manufactured by Zetec
	ZU	Standard ULC manufactured by Zetec
	ZS	Spring flex ULC manufactured by Zetec
	ZR	Rotating pancake coil by Zetec
BEG,END, LOCATION	TEH	Tube end hot (primary face)
	TOR	Top of roll expansion
	TSH	Tube sheet hot (secondary face)
	01H	First support plate on hot leg side
	***	Second through sixth locations
	07H	Seventh support plate on hot leg side
	NV1	First new antivibration bar
	***	Second and third locations
	NV4	Fourth new antivibration bar
	07C	Seventh support plate on cold leg side
	***	Sixth through second locations
	01C	First support plate on cold leg side
	TSC	Tube sheet cold (secondary face)
	TOR	Top of roll expansion
	TEC	Tube end cold (primary face)
REM		Key supplied with each report
%	PLG	Plugged tube
	MBM	Manufacturing Burnish Mark
	VOL	Volumetric Indication
CH	**	channel number

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 8:48

Report selection criteria :
0% TO 19% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
0% TO 19% for the entire length

Page: 1
Date: 09/28/90
Time: 8:49

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
18	5	C	07H	TEC		002	720ZU	01C- 0.2	3.12	149	2	17
23	7	H	07H	TEH		015	720ZW	02H- 0.2	1.14	123	7	17
29	13	C	07H	TEC		060	720ZS	01C- 0.2	2.24	141	4	17
33	17	C	07H	TEC		063	720ZU	02C+ 0.0	0.56	135	16	17
34	18	C	07H	TEC		006	720ZU	01C- 0.3	1.45	152	7	17
40	24	C	07H	TEC		009	720ZU	TSC+ 4.3	0.59	172	10	1
28	26	C	07H	TEC		011	720ZU	04C+ 36.0	0.64	160	19	1
41	26	C	07H	TEC		011	720ZU	01C+ 0.0	1.76	140	7	17
41	27	C	07H	TEC		011	720ZU	01C+ 0.1	1.90	140	7	17
25	30	C	07H	TEC		013	720ZU	NV2+ 0.9	0.55	0	16	18
45	42	C	07H	TEC		022	720ZW	01C- 0.2	1.88	146	13	17
		C	07H	TEC		022	720ZW	02C- 0.1	3.03	150	8	17
46	45	C	07H	TEC		024	720ZU	01C- 0.0	0.69	136	17	17
45	50	C	07H	TEC		033	720ZU	01C- 0.1	0.61	137	2	17
43	57	C	07H	TEC		041	720ZU	01C+ 0.2	0.94	130	10	17
44	58	C	07H	TEC		060	720ZS	02C- 0.2	1.17	141	4	17
45	58	C	07H	TEC		060	720ZS	01C+ 0.0	2.40	135	16	17
43	60	C	07H	TEC		044	720ZU	01C- 0.0	1.05	157	7	17
		C	02C	02C	S	093	720ZR	02C- 0.0	2.40	125	VOL	6
44	61	C	07H	TEC		044	720ZU	02C- 0.3	0.74	150	8	17
43	64	C	07H	TEC		048	720ZU	01C- 0.1	1.24	136	15	17
40	66	C	07H	TEC		049	720ZU	02C+ 0.0	2.05	127	19	17
39	69	C	07H	TEC		051	700ZS	01C- 0.3	0.56	148	7	17

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
0% TO 19% for the entire length

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
40	70	C	07H	TEC		053	720ZU	02C- 0.1	0.84	140	15	17
18	71	C	07H	TEC		053	720ZU	NV3+ 0.2	0.40	0	9	18
40	71	C	07H	TEC		053	720ZU	01C- 0.3	0.86	142	11	17
36	72	C	07H	TEC		054	720ZU	01C- 0.2	2.31	138	16	17
37	75	C	07H	TEC		054	720ZU	01C+ 0.0	2.75	145	3	17
36	76	C	07H	TEC		087	700ZS	01C+ 0.0	1.09	140	9	17
33	77	C	06H	TEC		055	720ZU	03C- 0.3	1.26	141	9	17
31	80	C	07H	TEC		058	720ZU	01C- 0.1	0.52	142	11	17
30	81	C	07H	TEC		058	720ZU	01C+ 0.0	2.91	144	12	17
25	86	C	07H	TEC		059	720ZU	01C- 0.1	0.88	139	18	17
18	87	C	07H	TEC		059	720ZU	01C+ 0.0	1.96	140	15	17
17	89	C	07H	TEC		059	720ZU	02C+ 0.0	1.76	139	18	17
8	92	C	07H	TEC		083	700ZS	01C+ 0.0	0.84	142	11	17
14	92	C	07H	TEC		060	720ZS	01C+ 0.0	0.80	135	18	17
2	93	C	07H	TEC		071	700ZU	01C- 0.1	1.79	135	8	17
		C	07H	TEC		071	700ZU	02C+ 0.0	0.55	131	15	17
4	93	C	07H	TEC		071	700ZU	02C- 0.2	0.44	146	6	17

NUMBER OF TUBES IN REPORT = 37

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:14

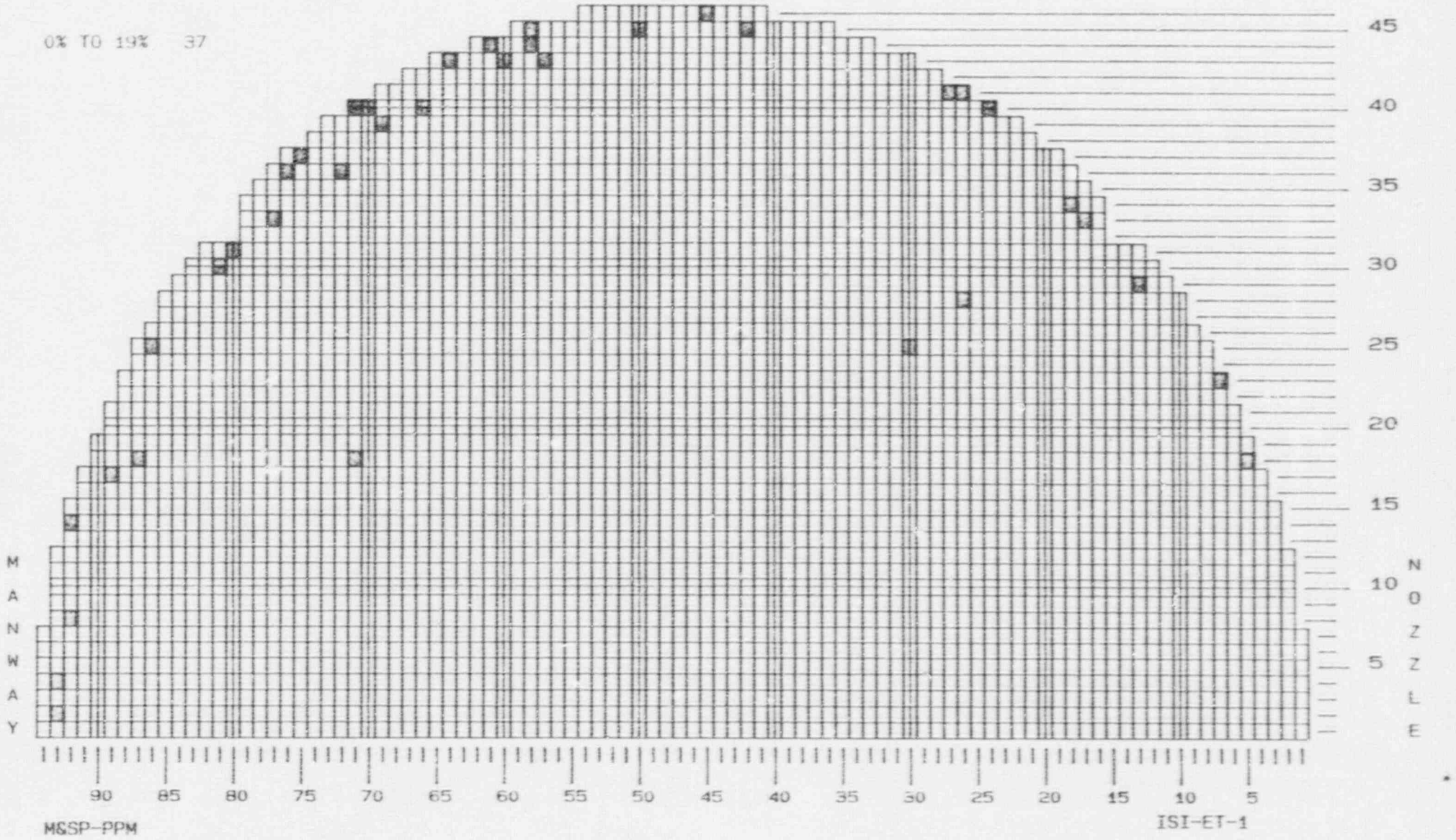
Map selection criteria :
0% TO 19% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

NSP

DATE: 09/28/90
TIME: 10:14
STEAM GENERATOR: 21
GROUPS: All groups included
0% TO 19% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 9:00

Report selection criteria :
20% TO 29% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
20% TO 29% for the entire length

Page: 1
Date: 09/28/90
Time: 9:00

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
16	5	C	07H	TEC		002	720ZU	02C- 0.0	1.64	135	22	17
14	6	C	07H	TEC		002	720ZU	01C- 0.1	1.56	132	26	17
23	27	C	07H	TEC		011	720ZU	NV4+ 4.4	1.15	0	24	18
18	28	C	07H	TEC		011	720ZU	NV2+ 0.9	0.99	0	24	18
25	30	C	07H	TEC		013	720ZU	NV2+ 20.0	1.27	0	28	18
39	30	C	07H	TEC		013	720ZU	NV4+ 2.6	0.84	0	22	18
25	32	C	07H	TEC		014	720ZU	NV2+ 0.6	1.10	0	23	18
		C	07H	TEC		014	720ZU	NV2+ 19.7	1.42	0	27	18
39	34	C	07H	TEC		016	720ZU	NV4+ 2.8	1.33	0	26	18
44	34	C	07H	TEC		063	720ZU	05C- 0.1	0.98	129	26	17
18	36	C	07H	TEC		017	720ZU	NV4+ 0.0	1.01	0	24	18
45	36	C	07H	TEC		063	720ZU	01C+ 0.0	1.10	130	24	17
23	37	C	07H	TEC		017	720ZU	NV2+ 17.9	1.08	0	23	18
45	41	C	07H	TEC		021	720ZU	02C+ 0.0	2.07	141	20	17
44	42	C	07H	TEC		022	720ZW	01C- 0.3	0.79	135	27	17
36	43	C	07H	TEC		022	720ZW	NV2+ 2.5	0.93	0	20	18
		C	07H	TEC		022	720ZW	NV2+ [illegible].6	0.98	0	21	18
18	44	C	07H	TEC		022	720ZW	NV2+ 13.8	1.56	0	29	18
43	44	C	07H	TEC		024	720ZU	01C+ 0.0	3.19	134	20	17
44	44	C	07H	TEC		024	720ZU	01C+ 0.0	4.14	130	25	17
28	45	C	07H	TEC		024	720ZU	07H+ 29.2	1.12	0	24	18
		C	07H	TEC		024	720ZU	NV2+ 0.0	1.06	0	23	18
		C	07H	TEC		024	720ZU	NV2+ 22.4	0.90	0	20	18
		C	07H	TEC		024	720ZU	NV4+ 2.5	0.93	0	21	18

NSP

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
20% TO 29% for the entire length

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
36	47	C	07H	TEC		029	720ZU	07H+ 32.5	1.44	0	28	18
		C	07H	TEC		029	720ZU	NV2+ 2.1	1.03	0	23	18
		C	07H	TEC		029	720ZU	NV2+ 32.4	0.86	0	20	18
39	47	C	07H	TEC		029	720ZU	NV2+ 35.6	0.93	0	21	18
		C	07H	TEC		029	720ZU	NV4+ 3.1	1.07	0	23	18
35	48	C	07H	TEC		031	720ZU	NV2+ 2.2	0.85	0	20	18
44	48	C	07H	TEC		031	720ZU	01C- 0.3	1.26	124	20	17
41	53	C	07H	TEC		037	720ZU	01C- 0.2	2.01	124	20	17
44	56	C	07H	TEC		041	720ZU	01C- 0.1	1.08	139	21	17
41	58	C	07H	TEC		060	720ZS	01C- 0.2	1.54	129	27	17
36	60	C	07H	TEC		044	720ZU	NV2+ 2.7	1.03	0	25	18
21	61	C	07H	TEC		046	720ZU	NV2+ 1.2	1.14	0	24	18
		C	07H	TEC		046	720ZU	NV2+ 16.2	0.90	0	21	18
23	61	C	07H	TEC		046	720ZU	NV2+ 1.3	1.41	0	28	18
		C	07H	TEC		046	720ZU	NV2+ 18.1	0.95	0	22	18
		C	07H	TEC		046	720ZU	NV4+ 0.4	0.99	0	22	18
42	62	C	07H	TEC		046	720ZU	01C+ 0.0	1.35	125	21	17
42	63	C	07H	TEC		046	720ZU	01C+ 0.0	1.37	125	21	17
21	64	C	07H	TEC		048	720ZU	NV2+ 16.9	1.15	0	25	18
26	69	C	07H	TEC		051	700ZS	07H+ 29.0	1.47	0	27	18
		C	07H	TEC		051	700ZS	NV2+ 23.2	1.34	0	26	18
18	71	C	07H	TEC		053	720ZU	07H+ 23.0	1.00	0	20	18
		C	07H	TEC		053	720ZU	NV2+ 13.4	1.09	0	22	18
26	72	C	07H	TEC		054	720ZU	NV2+ 1.2	1.31	0	26	18
39	72	C	07H	TEC		054	720ZU	01C+ 0.0	2.62	135	21	17
34	76	C	07H	TEC		055	720ZU	02C+ 0.1	2.10	129	29	17

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
20% TO 29% for the entire length

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
32	78	C	07H	TEC		057	720ZU	02C+ 0.0	3.04	133	25	17
29	84	C	07H	TEC		059	720ZU	01C+ 0.0	3.43	134	24	17
28	85	C	07H	TEC		059	720ZU	02C+ 0.0	2.45	131	28	17
12	90	C	07H	TEC		060	720ZS	01C- 0.2	2.24	132	21	17
9	92	H	01H	01H	S	092	720ZR	01H+ 0.3	4.05	151	VOL	4
		H	07H	TEH		088	720ZW	01H- 0.1	0.55	126	23	17
14	92	C	07H	TEC		060	720ZS	NV1+ 2.6	1.64	0	29	18
4	94	C	07H	TEC		071	700ZU	02C- 0.1	0.53	133	23	17
5	94	C	07H	TEC		071	700ZU	01C+ 0.0	1.68	124	27	17

NUMBER OF TUBES IN REPORT = 45

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:17

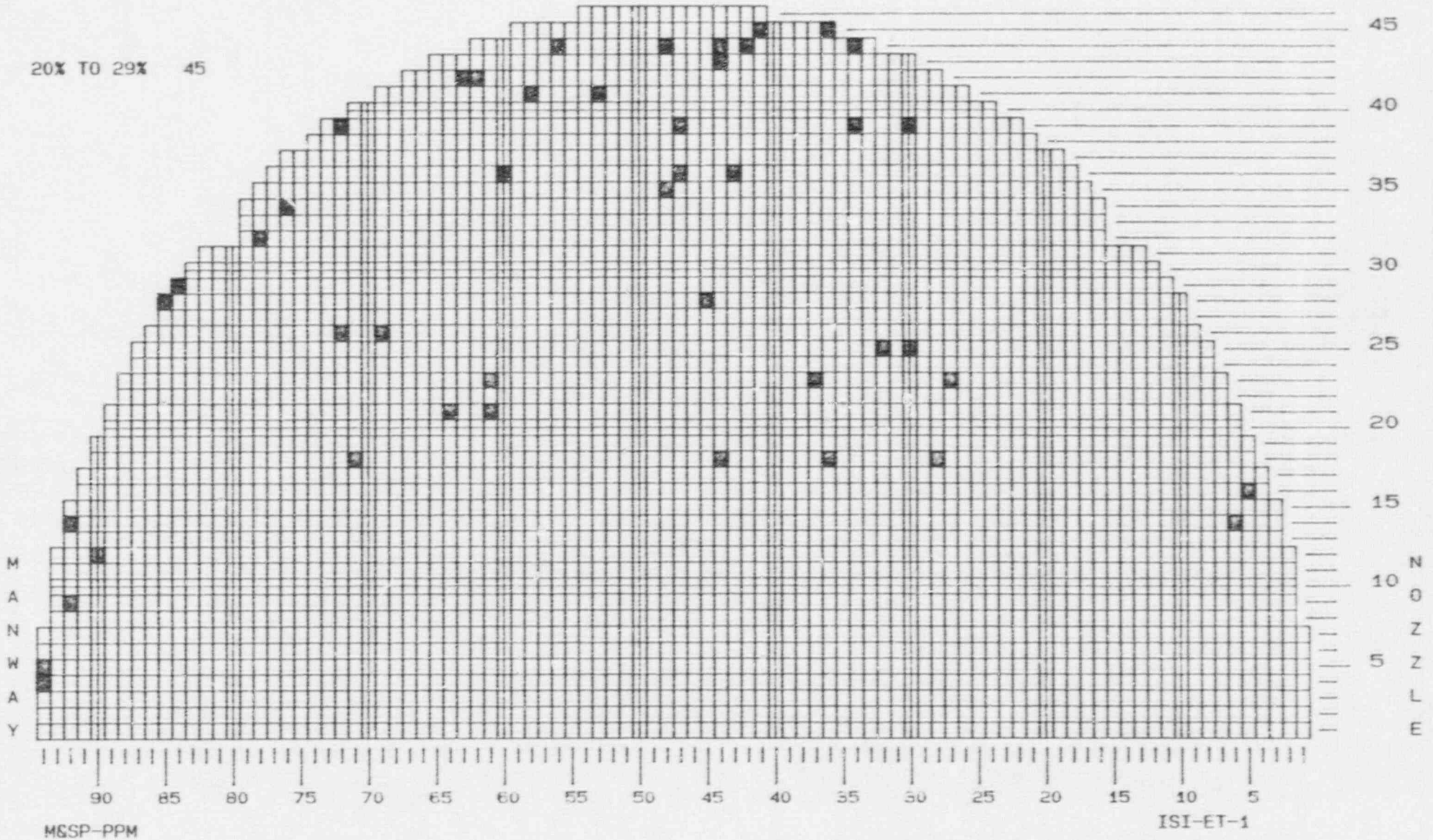
Map selection criteria :
20% TO 29% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

NSP

DATE: 09/28/90
TIME: 10:17
STEAM GENERATOR: 21
GROUPS. All groups included
20% TO 29% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 9:09

Report selection criteria :
30% TO 39% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
30% TO 39% for the entire length

Page: 1
Date: 09/28/90
Time: 9:09

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
31	14	C	07H	TEC		060	720ZS	01C+ 0.0	2.78	124	34	17
35	17	C	07H	TEC		063	720ZU	01C- 0.2	4.10	121	38	17
25	33	C	07H	TEC		014	720ZU	NV2+ 1.8	1.74	0	31	18
		C	07H	TEC		014	720ZU	NV2+ 20.8	1.71	0	31	18
45	36	C	07H	TEC		063	720ZU	02C+ 0.0	1.56	126	31	17
45	41	C	07H	TEC		021	720ZU	01C- 0.2	3.21	126	38	17
46	43	C	07H	TEC		022	720ZW	01C- 0.3	1.01	133	30	17
44	46	C	07H	TEC		029	720ZU	01C+ 0.0	6.23	125	37	17
35	48	C	07H	TEC		031	720ZU	07H+ 33.1	1.68	0	31	18
29	50	C	07H	TEC		033	720ZU	NV2+ 1.3	1.69	0	33	18
		C	07H	TEC		033	720ZU	NV2+ 24.5	1.71	0	33	18
44	55	C	07H	TEC		039	720ZU	TSC+ 5.8	2.40	137	39	1
43	58	C	07H	TEC		060	720ZS	01C+ 0.0	2.26	125	32	17
43	59	C	07H	TEC		060	720ZS	01C+ 0.0	2.54	125	32	17
39	71	C	07H	TEC		053	720ZU	01C+ 0.0	2.44	129	30	17
26	72	C	07H	TEC		054	720ZU	NV2+ 21.9	1.76	0	31	18
38	74	C	07H	TEC		087	700ZS	01C+ 0.0	3.03	123	31	17
32	78	C	07H	TEC		057	720ZU	01C- 0.3	2.30	126	35	17
31	79	C	07H	TEC		057	720ZU	01C+ 0.0	4.06	124	38	17
6	80	C	07H	TEC		087	700ZS	TSC+ 1.3	0.63	142	36	1
30	83	C	07H	TEC		058	720ZU	01C- 0.1	3.50	127	33	17
23	86	C	07H	TEC		059	720ZU	01C+ 0.0	2.86	129	31	17
24	86	C	07H	TEC		059	720ZU	02C+ 0.0	3.02	123	39	17

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
30% TO 39% for the entire length

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
22	88	C	07H	TEC		059	720ZU	01C+ 0.0	1.97	123	39	17
7	91	C	07H	TEC		083	700ZS	01C+ 0.0	2.89	129	31	17
5	93	C	07H	TEC		071	700ZU	01C+ 0.1	1.25	125	32	17
6	93	C	07H	TEC		083	700ZS	02C+ 0.0	0.81	122	37	17
4	94	C	07H	TEC		071	700ZU	01C- 0.1	1.35	123	34	17
7	94	C	07H	TEC		083	700ZS	01C+ 0.1	0.92	127	34	17

NUMBER OF TUBES IN REPORT = 27

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

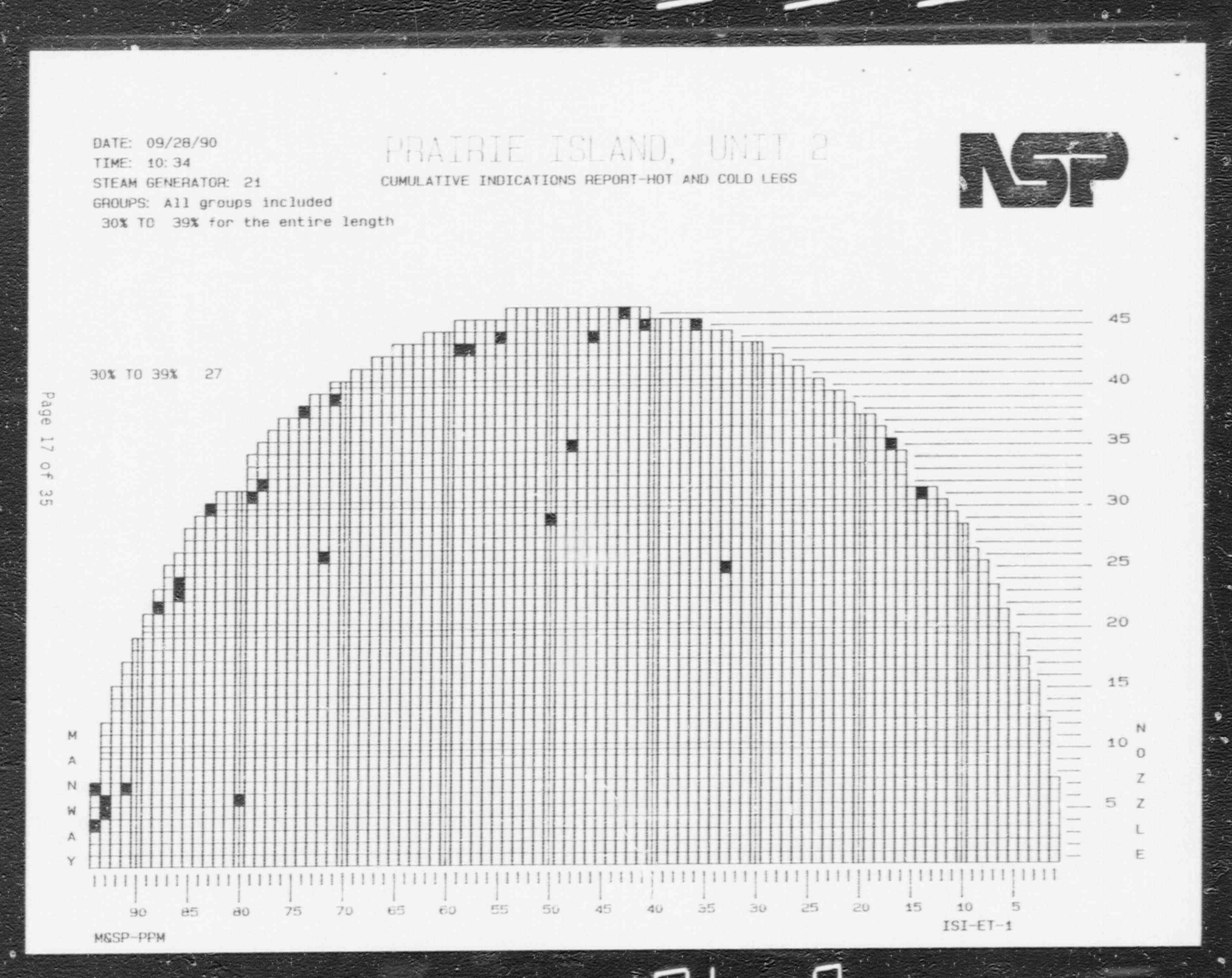
Page: Title page
Date: 09/28/90
Time: 10:34

Map selection criteria :
30% TO 39% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

DATE: 09/28/90
TIME: 10:34
STEAM GENERATOR: 21
GROUPS: All groups included
30% TO 39% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Report selection criteria :
40% TO 100% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
40% TO 100% for the entire length

Page: 1
Date: 09/28/90
Time: 9:17

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
30	12	C	07H	TEC		060	720ZS	01C- 0.2	4.29	116	45	17
30	13	C	07H	TEC		060	720ZS	01C+ 0.0	6.02	115	46	17
32	16	C	07H	TEC		060	720ZS	01C+ 0.0	4.96	110	51	17
35	18	C	07H	TEC		006	720ZU	01C+ 0.0	4.23	96	65	17
40	25	C	07H	TEC		011	720ZU	01C+ 0.0	3.43	86	65	17
45	38	C	07H	TEC		019	720ZU	02C+ 0.0	4.72	107	44	17
44	39	C	07H	TEC		019	720ZU	01C- 0.1	0.95	96	55	17
36	63	C	07H	TEC		048	720ZU	NV2+ 2.7	2.78	0	40	18
37	72	C	07H	TEC		054	720ZU	01C- 0.2	4.83	120	42	17
36	76	C	07H	TEC		087	700ZS	02C+ 0.0	4.27	114	43	17
25	85	C	07H	TEC		059	720ZU	01C- 0.1	4.05	[illegible]	44	17
10	91	C	07H	TEC		060	720ZS	01C+ 0.0	2.66	116	44	17

NUMBER OF TUBES IN REPORT = 12

NSP

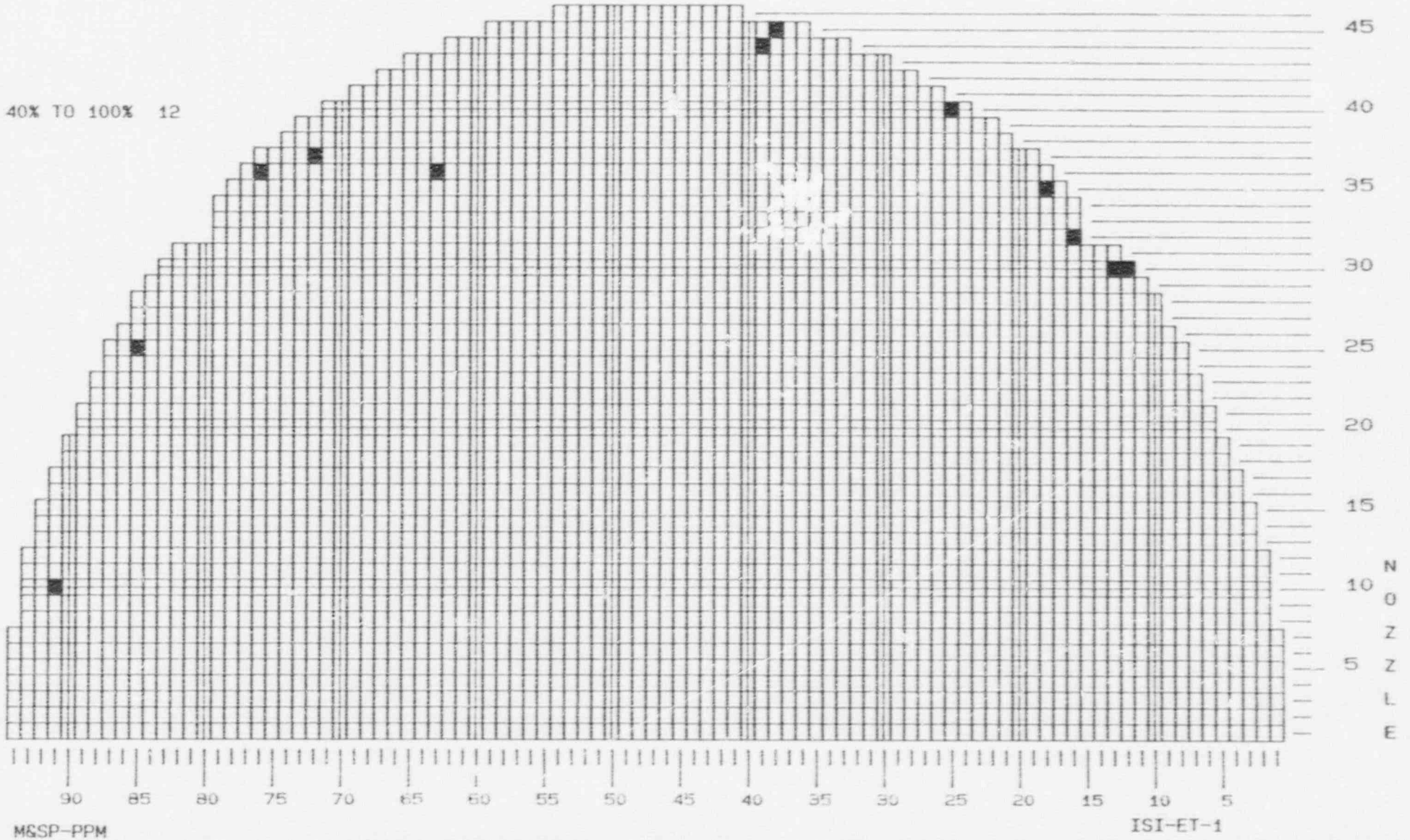
Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Map selection criteria :
40% TO 100% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

DATE: 09/28/90
TIME: 10:38
STEAM GENERATOR: 21
GROUPS: All groups included
40% TO 100% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Report selection criteria :
Supplemental data : None included Plugs : Only current included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 1
Date: 09/28/90
Time: 9:28

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
30	12	H C						09/90 09/90			PLG PLG	
30	13	H C						09/90 09/90			PLG PLG	
32	16	H C						09/90 09/90			PLG PLG	
35	18	H C						09/90 09/90			PLG PLG	
40	25	H C						09/90 09/90			PLG PLG	
45	38	H C						09/90 09/90			PLG PLG	
44	39	H C						09/90 09/90			PLG PLG	
44	53	H						09/90			PLG	
42	61	H						09/90			PLG	
37	72	H C						09/90 09/90			PLG PLG	
39	73	H						09/90			PLG	
36	76	H C						09/90 09/90			PLG PLG	
25	85	H C						09/90 09/90			PLG PLG	
21	88	H						09/90			PLG	
19	89	H						09/90			PLG	
14	90	H						09/90			PLG	
10	91	H						09/90			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Date: 09/28/90
Time: 9:29

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
10	91	C						9/90			FLG	

NUMBER OF TUBES IN REPORT = 17

NSP

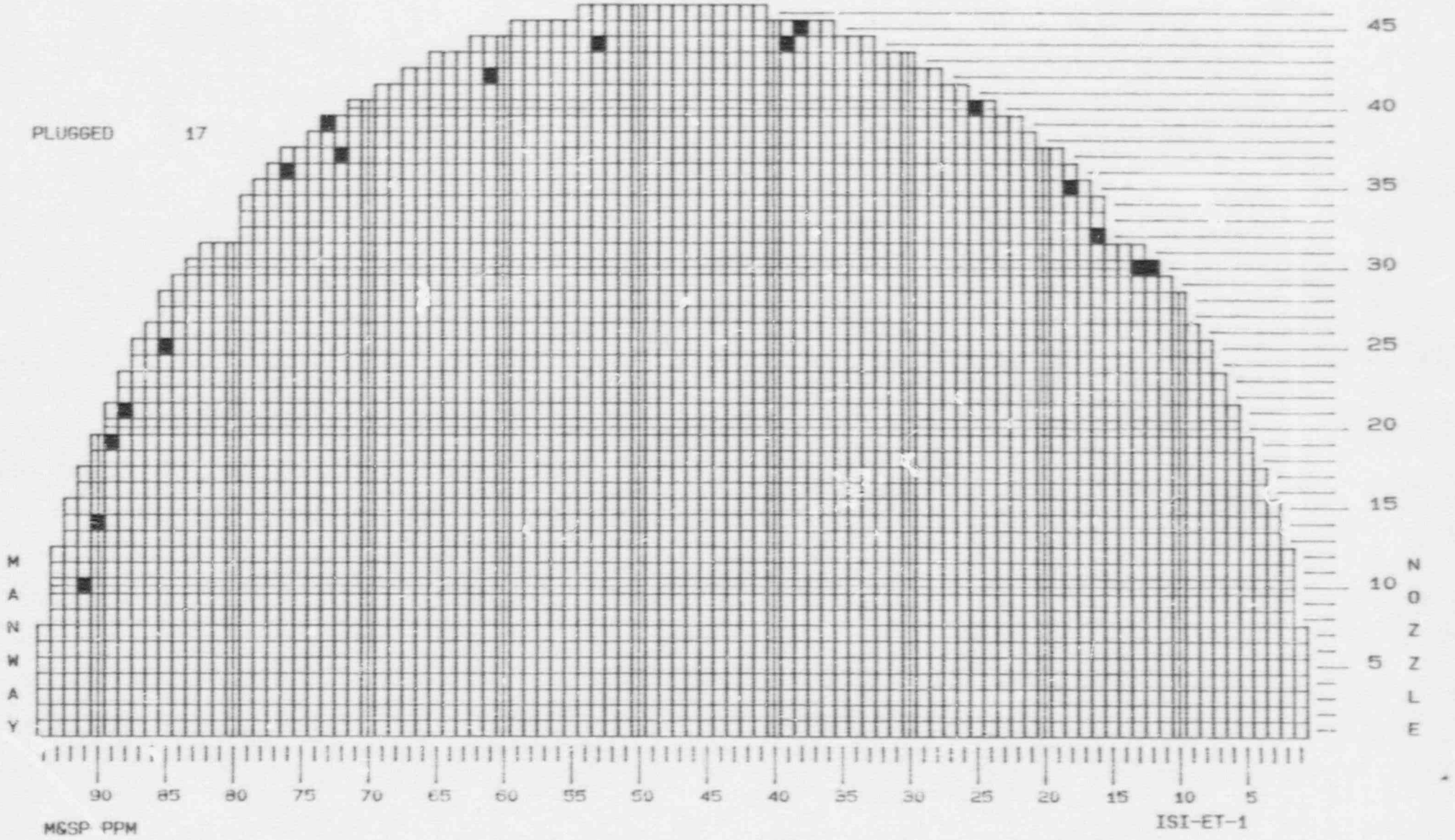
Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Map selection criteria :
Supplemental data : None included Plugs : Only current included Selected indications only are included Groups : All groups included

DATE: 09/28/90
TIME: 10:40
STEAM GENERATOR: 21
GROUPS: All groups included

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 9:31

Report selection criteria :
Supplemental data : None included Plugs : All included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 1
Date: 09/28/90
Time: 9:31

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
1	1	H C						01/80 01/80			PLG PLG	
23	8	H C						06/82 06/82			PLG PLG	
28	11	H C						02/81 02/81			PLG PLG	
30	12	H C						09/90 09/90			PLG PLG	
30	13	H C						09/90 09/90			PLG PLG	
32	16	H C						09/90 09/90			PLG PLG	
35	18	H C						09/90 09/90			PLG PLG	
36	19	H C						08/83 08/83			PLG PLG	
3	21	H C						03/89 03/89			PLG PLG	
13	23	H C						06/82 06/82			PLG PLG	
39	25	H C						09/84 09/84			PLG PLG	
40	25	H C						09/90 09/90			PLG PLG	
39	26	H C						06/82 06/82			PLG PLG	
40	26	H C						09/85 09/85			PLG PLG	
25	28	H						06/82			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Date: 09/28/90
Time: 9:31

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
25	28	C						06/82			PLG	
41	28	H C						09/84 09/84			PLG PLG	
42	28	H C						09/84 09/84			PLG PLG	
42	29	H C						09/85 09/85			PLG PLG	
41	30	H C						09/85 09/85			PLG PLG	
43	33	H C						02/81 02/81			PLG PLG	
25	34	H C						09/84 09/84			PLG PLG	
29	37	H C						09/84 09/84			PLG PLG	
45	37	H C						09/84 09/84			PLG PLG	
45	38	H C						09/90 09/90			PLG PLG	
44	39	H C						09/90 09/90			PLG PLG	
45	39	H C						08/83 08/83			PLG PLG	
45	40	H C						09/84 09/84			PLG PLG	
43	41	H C						09/84 09/84			PLG PLG	
43	42	H						03/89			PLG	

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
43	42	C						03/89			PLG	
44	43	H C						09/85 09/85			PLG PLG	
36	44	H C						09/84 09/84			PLG PLG	
45	44	H C						08/83 08/83			PLG PLG	
29	45	H C						06/82 06/82			PLG PLG	
23	46	H C						06/82 06/82			PLG PLG	
45	46	H C						09/84 09/84			PLG PLG	
29	48	H C						06/82 06/82			PLG PLG	
45	49	H C						06/82 06/82			PLG PLG	
44	52	H C						09/84 09/84			PLG PLG	
45	52	H C						06/82 06/82			PLG PLG	
46	52	H C						02/81 02/81			PLG PLG	
44	53	C H						01/88 09/90			PLG PLG	
46	53	H C						06/82 06/82			PLG PLG	
44	54	H						09/84			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 4
Date: 09/28/90
Time: 9:32

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
44	54	C						09/84			PLG	
45	54	H C						09/84 09/84			PLG PLG	
44	57	H C						08/83 08/83			PLG PLG	
25	58	H C						06/82 06/82			PLG PLG	
44	59	H C						02/81 02/81			PLG PLG	
45	59	H C						03/89 03/89			PLG PLG	
44	60	H C						06/82 06/82			PLG PLG	
42	61	H C						09/90 10/86			PLG PLG	
43	62	H C						09/84 09/84			PLG PLG	
43	63	H C						08/83 08/83			PLG PLG	
41	67	H C						09/84 09/84			PLG PLG	
27	69	H C						09/84 09/84			PLG PLG	
40	69	H C						09/84 09/84			PLG PLG	
39	70	H C						06/82 06/82			PLG PLG	
37	72	H						09/90			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Date: 09/28/90
Time: 9:32

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
37	72	C						09/90			PLG	
39	73	H						09/90			PLG	
		C						10/86			PLG	
36	76	H						09/90			PLG	
		C						09/90			PLG	
37	76	H						09/84			PLG	
		C						09/84			PLG	
35	78	H						01/80			PLG	
		C						01/80			PLG	
1	79	H						09/85			PLG	
		C						09/85			PLG	
32	79	H						06/82			PLG	
		C						06/82			PLG	
21	85	H						09/85			PLG	
		C						09/85			PLG	
25	85	H						09/90			PLG	
		C						09/90			PLG	
20	87	H						09/84			PLG	
		C						09/84			PLG	
21	88	C						01/88			PLG	
		H						09/90			PLG	
18	89	H						09/85			PLG	
		C						09/85			PLG	
19	89	H						09/90			PLG	
		C						10/86			PLG	
14	90	H						09/90			PLG	
		C						10/86			PLG	
9	91	H						06/82			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
9	91	C						06/82			PLG	
10	91	H C						09/90 09/90			PLG PLG	
1	94	H C						01/80 01/80			PLG PLG	

NUMBER OF TUBES IN REPORT = 73

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 21
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:43

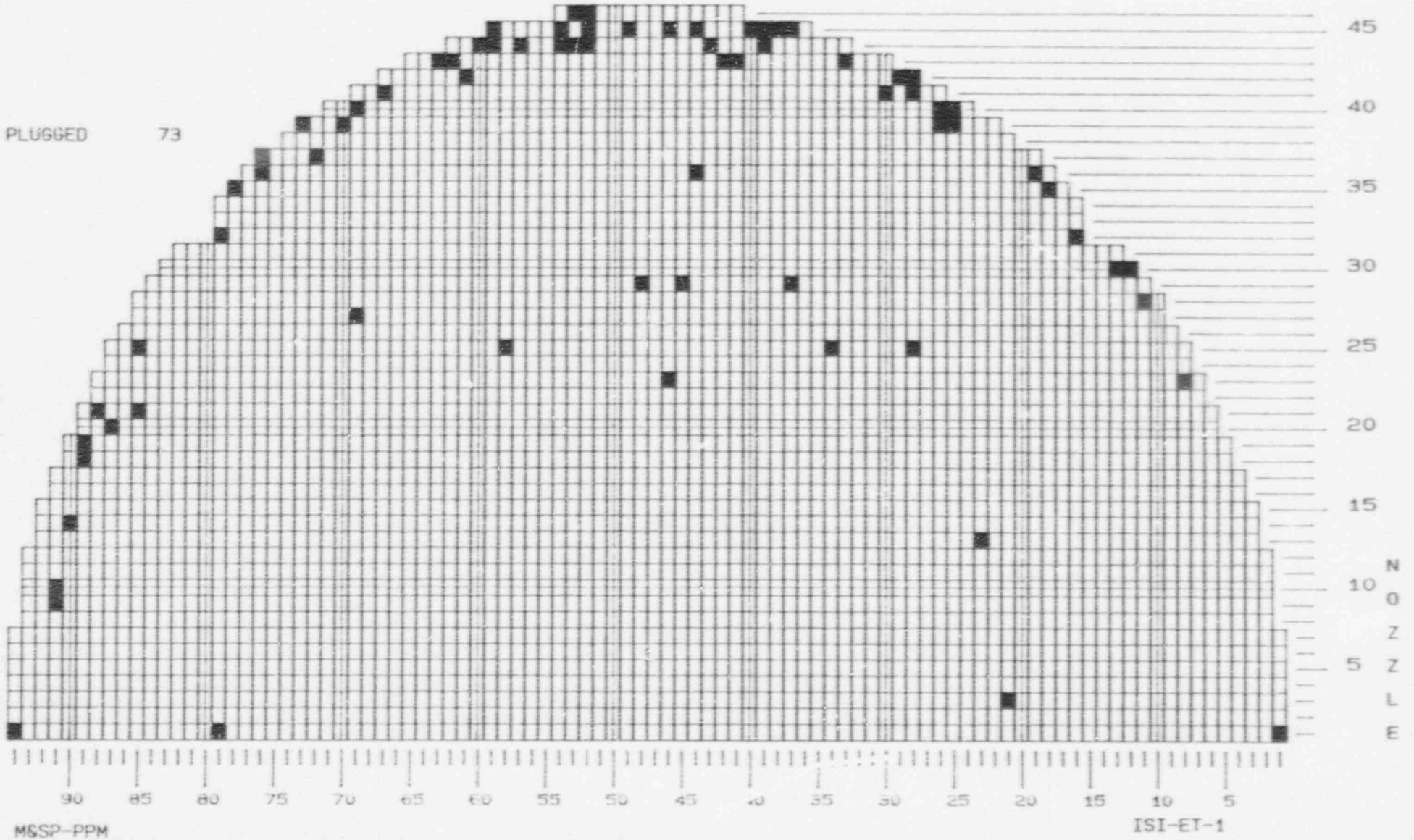
Map selection criteria :
Supplemental data : None included Plugs : All included Selected indications only are included Groups : All groups included

NSP

DATE: 09/28/90
TIME: 10:43
STEAM GENERATOR: 21
GROUPS: All groups included

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



APPENDIX G

STEAM GENERATOR NO. 22

EDDY CURRENT TUBE SHEET MAPS AND CUMULATIVE DATA REPORTS

LEGEND OF FIELDS AND CODES

FIELD	EXPLANATION
ROW	Row number of tube location
COL	Column number of tube location
LEG	Channel head tested from
BEG	Beginning extent of test
END	Ending extent of test
REM	Remarks
REEL	Reel number where data is located
PROBE	Probe size, manufacturer and type used
LOCATION	Location of call or date plug installed
VOLTS	Voltage of signal
DEG	Degree of signal
%	Measured percent through wall depth
CH	Channel used for measurement

FIELD	CODE	EXPLANATION
LEG	C	Cold leg
	H	Hot leg
PROBE	***	Probe nominal diameter
	ZW	Wide groove ULC manufactured by Zetec
	ZU	Standard ULC manufactured by Zetec
	ZS	Spring flex ULC manufactured by Zetec
	ZR	Rotating pancake coil by Zetec
BEG,END, LOCATION	TEH	Tube end hot (primary face)
	TOR	Top of roll expansion
	TSH	Tube sheet hot (secondary face,
	01H	First support plate on hot leg side
	***	Second through sixth locations
	07H	Seventh support plate on hot leg side
	NV1	First new antivibration bar
	***	Second and third locations
	NV4	Fourth new antivibration bar
	07C	Seventh support plate on cold leg side
	***	Sixth through second locations
	01C	First support plate on cold leg side
	TSC	Tube sheet cold (secondary face)
	TOR	Top of roll expansion
	TEC	Tube end cold (primary face)
REM		Key supplied with each report
%	PLG	Plugged tube
	MBM	Manufacturing Burnish Mark
	VOL	Volumetric Indication
CH	**	channel number

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 9:37

Report selection criteria :
0% TO 19% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
0% TO 19% for the entire length

Date: 09/28/90
Time: 9:37

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
17	5	C	07H	TEC		001	720ZU	01C+ 0.1	1.31	145	11	17
19	6	C	07H	TEC		001	720ZU	02C+ 0.1	1.47	147	16	17
21	7	C	07H	TEC		003	720ZU	01C+ 0.0	1.15	145	11	17
		C	01C	01C	S	101	720ZR	01C- 0.0	1.39	159	VOL	1
		C	07H	TEC		003	720ZU	02C+ 0.0	1.30	145	18	17
		C	02C	02C	S	101	720ZR	02C+ 0.2	1.65	140	VOL	1
28	11	C	07H	TEC		003	720ZU	02C+ 0.1	0.80	149	18	17
29	12	H	TSC	TEH		106	700ZS	02C+ 0.2	0.64	139	7	17
34	17	C	07H	TEC		056	720ZU	01C- 0.1	1.85	138	12	17
30	19	C	07H	TEC		056	720ZU	01C- 0.2	1.15	143	2	17
31	19	C	01C	01C	S	101	720ZR	01C+ 0.1	1.48	143	VOL	1
		C	07H	TEC		056	720ZU	01C- 0.3	1.82	139	10	17
39	25	H	TSC	TEH		106	700ZS	01C+ 0.3	1.94	148	9	17
39	29	C	07H	TEC		056	720ZU	02C+ 0.0	0.81	136	15	17
		C	02C	02C	S	101	720ZR	02C+ 0.0	0.67	119	VOL	1
19	34	C	07H	TEC		014	720ZU	NV1+ 0.0	0.54	0	14	18
44	36	C	07H	TEC		016	720ZU	02C- 0.3	1.27	135	10	17
44	38	C	07H	TEC		018	720ZU	02C+ 0.0	2.72	135	14	17
45	38	C	01C	01C	S	103	720ZR	01C+ 0.0	2.24	175	VOL	2
		C	07H	TEC		018	720ZU	02C- 0.2	0.74	145	2	17
44	39	C	07H	TEC		018	720ZU	02C- 0.1	0.92	136	18	17
45	41	C	07H	TEC		020	720ZU	01C- 0.1	1.71	135	8	17
		C	07H	TEC		020	720ZU	02C+ 0.0	0.72	134	10	17
44	42	C	07H	TEC		021	720ZU	02C- 0.1	4.62	137	2	17
46	42	C	07H	TEC		021	720ZU	02C- 0.1	4.05	132	15	17

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
0% TO 19% for the entire length

Date: 09/28/90
Time: 9:37

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
38	46	C	07H	TEC		024	720ZU	NV4+ 3.0	0.98	0	19	18
44	48	C	07H	TEC		025	720ZU	01C- 0.0	1.35	153	18	17
45	54	C	07H	TEC		032	720ZU	01C+ 0.0	1.22	143	15	17
		C	07H	TEC		032	720ZU	02C+ 0.0	0.89	145	11	17
42	56	C	07H	TEC		034	720ZU	02C- 0.0	0.78	139	16	17
43	57	C	07H	TEC		034	720ZU	01C- 0.2	0.74	146	12	17
45	57	C	07H	TEC		034	720ZU	01C- 0.1	1.10	146	9	17
41	60	C	07H	TEC		037	720ZU	02C- 0.0	1.56	127	18	17
42	60	C	07H	TEC		037	720ZU	01C- 0.1	1.26	157	12	17
		C	07H	TEC		037	720ZU	02C- 0.2	1.35	145	11	17
43	63	C	07H	TEC		038	720ZU	02C- 0.3	1.46	145	19	17
40	66	C	07H	TEC		039	720ZU	02C+ 0.1	1.64	145	17	17
38	71	C	07H	TEC		044	720ZU	02C- 0.1	0.57	137	4	17
36	72	C	07H	TEC		045	720ZU	02C- 0.1	0.52	139	7	17
32	76	C	07H	TEC		047	720ZU	02C+ 0.0	0.81	139	2	17
33	76	C	07H	TEC		047	720ZU	01C+ 0.0	1.85	133	15	17
30	79	C	07H	TEC		048	720ZU	01C+ 0.0	1.41	131	10	17
17	83	H	07H	TEH		091	720ZW	04H+ 44.5	1.47	158	15	1
		H	05H	04H	S	102	720ZR	04H+ 44.5	2.95	295	MBM	4
24	85	C	07H	TEC		052	720ZU	01C- 0.1	0.72	142	14	17
14	88	C	07H	TEC		054	720ZU	02C+ 0.0	1.65	139	12	17
22	88	C	07H	TEC		054	720ZU	02C+ 0.0	2.31	137	14	17
17	89	C	07H	TEC		054	720ZU	01C- 0.1	1.69	143	2	17

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Date: 09/28/90
Time: 9:37

0% TO 19% for the entire length

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
16	90	C	07H	TEC		054	720ZU	01C+ 0.0	1.61	135	18	17
1	91	C	07C	TEC		081	700ZS	01C+ 0.1	1.08	141	1	17
12	91	C	07H	TEC		054	720ZU	01C+ 0.1	1.27	144	2	17
1	92	C	07C	TEC		081	700ZS	01C+ 0.1	0.92	142	6	17
6	92	C	07H	TEC		079	700ZW	02C+ 0.0	1.62	142	9	17

NUMBER OF TUBES IN REPORT = 43

NSP

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:10

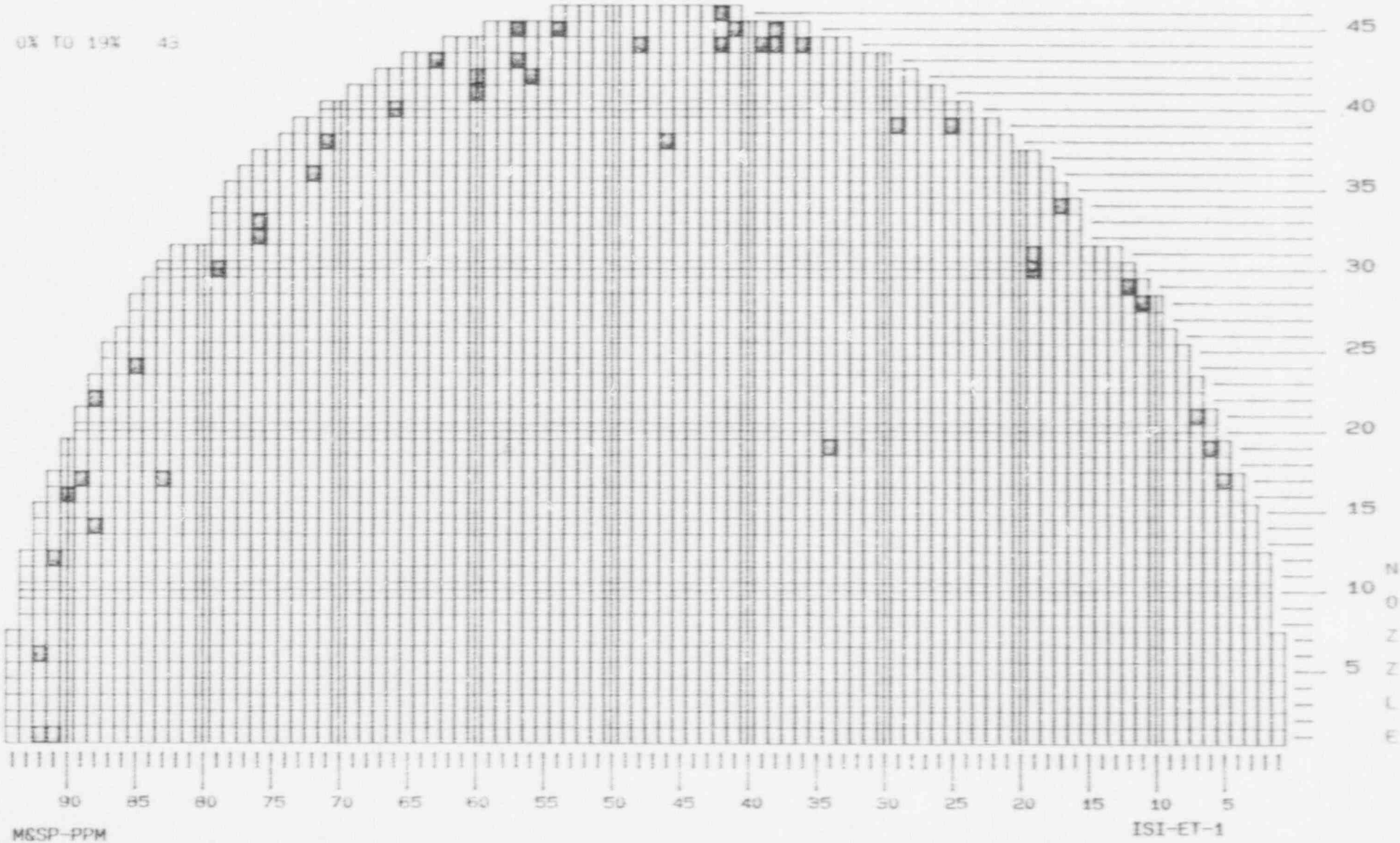
Map selection criteria :
0% TO 19% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

DATE: 09/28/90
TIME: 10:10
STEAM GENERATOR: 22

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS

GROUPS: All groups included
0% TO 19% for the entire length



Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Report selection criteria :
20% TO 29% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
20% TO 29% for the entire length

Page: 1
Date: 09/28/90
Time: 9:40

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
12	3	C	06H	TEC		001	720ZU	02C+ 0.0	2.45	143	20	17
16	4	C	07H	TEC		001	720ZU	01C+ 0.1	2.38	136	20	17
20	6	C	07H	TEC		001	720ZU	01C+ 0.1	1.59	132	29	17
20	10	C	07H	TEC		003	720ZU	01C- 0.0	1.43	138	29	17
28	12	C	07H	TEC		003	720ZU	01C- 0.1	1.06	140	27	17
29	13	C	07H	TEC		056	720ZU	01C+ 0.0	1.03	130	25	17
31	13	C	07H	TEC		056	720ZU	01C+ 0.0	2.07	132	22	17
34	16	C	07H	TEC		005	720ZU	02C+ 0.0	1.14	147	20	17
		C	02C	02C	S	101	720ZR	02C- 0.0	1.25	146	VOL	1
34	17	C	07H	TEC		056	720ZU	02C- 0.1	0.83	127	29	17
30	21	C	07H	TEC		007	720ZU	01C+ 0.1	1.01	139	24	17
		C	01C	01C	S	101	720ZR	01C- 0.0	1.10	146	VOL	1
37	24	C	07H	TEC		007	720ZU	01C- 0.2	1.44	135	29	17
		C	01C	01C	S	101	720ZR	01C- 0.2	1.68	131	VOL	1
38	25	C	07H	TEC		009	720ZU	01C+ 0.1	1.27	141	23	17
40	26	C	07H	TEC		010	720ZU	01C+ 0.1	1.72	139	29	17
38	27	C	07H	TEC		010	720ZU	02C- 0.1	0.39	144	26	17
38	36	C	07H	TEC		016	720ZU	NV2+ 2.3	1.00	0	23	18
		C	07H	TEC		016	720ZU	NV2+ 31.9	0.80	0	20	18
45	39	C	07H	TEC		018	720ZU	02C+ 0.0	3.15	129	26	17
24	41	C	07H	TEC		020	720ZU	07H+ 22.7	1.13	0	22	18
37	43	C	07H	TEC		021	720ZU	NV2+ 32.8	1.70	0	29	18
		C	07H	TEC		021	720ZU	NV4+ 3.7	1.37	0	25	18
38	46	C	07H	TEC		024	720ZU	07H+ 36.2	1.16	0	22	18

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
20% TO 29% for the entire length

Page: 2
Date: 09/28/90
Time: 9:40

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
37	47	C	07H	TEC		024	720ZU	NV4+ 3.2	1.61	0	28	18
40	47	C	07H	TEC		024	720ZU	07H+ 35.2	1.08	0	21	18
		C	07H	TEC		024	720ZU	NV2+ 3.0	1.19	0	22	18
		C	07H	TEC		024	720ZU	NV2+ 36.4	1.30	0	24	18
38	48	C	07H	TEC		025	720ZU	NV2+ 2.1	1.20	0	24	18
33	50	C	07H	TEC		028	720ZU	NV2+ 27.6	1.10	0	22	18
37	51	C	07H	TEC		028	720ZU	NV2+ 2.1	0.83	0	21	18
		C	07H	TEC		028	720ZU	NV2+ 32.6	0.88	0	22	18
46	51	C	07H	TEC		028	720ZU	01C- 0.2	0.68	134	26	17
36	54	C	07H	TEC		032	720ZU	NV4+ 3.5	1.34	0	26	18
39	54	C	07H	TEC		032	720ZU	07H+ 36.3	1.05	0	25	18
39	55	C	01C	01C	S	103	720ZR	01C+ 0.0	3.21	340	VOL	4
		C	07H	TEC		032	720ZU	07H+ 35.8	0.76	0	20	18
		C	07H	TEC		032	720ZU	NV2+ 3.8	0.99	0	24	18
43	55	C	07H	TEC		032	720ZU	02C+ 0.0	1.04	135	24	17
36	56	C	07H	TEC		034	720ZU	NV2+ 33.0	1.10	0	21	18
35	58	C	07H	TEC		035	720ZU	07H+ 34.4	1.16	0	22	18
43	58	C	07H	TEC		035	720ZU	01C+ 0.0	1.72	146	24	17
40	59	C	07H	TEC		035	720ZU	07H+ 37.1	0.98	0	20	18
43	60	C	07H	TEC		037	720ZU	02C+ 0.0	1.11	143	23	17
42	61	H	01C	TEH		106	700ZS	01C+ 0.1	0.58	130	23	17
		H	01C	TEH		106	700ZS	02C+ 0.0	1.02	130	23	17
32	64	C	07H	TEC		038	720ZU	NV2+ 2.9	1.73	0	29	18
38	64	C	07H	TEC		038	720ZU	NV2+ 33.4	1.61	0	28	18
41	65	C	07H	TEC		039	720ZU	01C+ 0.0	1.97	136	29	17

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
20% TO 29% for the entire length

Date: 09/28/90
Time: 9:40

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
42	65	C	07H	TEC		039	720ZU	02C- 0.1	1.35	140	24	17
43	65	C	07H	TEC		039	720ZU	02C+ 0.0	4.41	138	27	17
32	67	C	07H	TEC		041	720ZU	NV2+ 28.5	1.47	0	26	18
40	69	C	07H	TEC		041	720ZU	02C- 0.1	2.88	140	22	17
41	69	C	07H	TEC		041	720ZU	02C- 0.1	1.16	140	22	17
40	71	C	07H	TEC		044	720ZU	02C- 0.2	4.53	127	29	17
39	72	H	01C	TEH		106	700ZS	02C+ 0.2	2.87	130	23	17
36	73	C	07H	TEC		045	720ZU	NV2+ 32.5	1.45	0	26	18
37	74	C	07H	TEC		047	720ZU	02C- 0.1	1.46	127	20	17
36	75	C	07H	TEC		047	720ZU	02C+ 0.0	2.58	129	22	17
37	76	H	01C	TEH		106	700ZS	01C+ 0.1	1.25	130	23	17
30	81	C	07H	TEC		050	720ZU	01C+ 0.0	3.10	137	21	17
28	85	C	07H	TEC		052	720ZU	01C- 0.0	2.03	131	29	17
26	86	C	07H	TEC		052	720ZU	02C- 0.1	2.16	136	23	17
16	89	C	07H	TEC		054	720ZU	02C+ 0.0	2.06	133	22	17
19	89	C	07H	TEC		054	720ZU	01C+ 0.0	2.37	129	28	17
7	91	C	07H	TEC		079	700ZW	01C+ 0.1	1.49	131	26	17
12	92	C	07H	TEC		054	720ZU	02C- 0.1	0.50	132	23	17
1	93	C	06H	TEC		081	700ZS	01C+ 0.0	4.57	130	29	17
3	93	C	07H	TEC		081	700ZS	01C+ 0.0	2.04	131	27	17
4	93	C	07H	TEC		081	700ZS	02C+ 0.0	0.79	132	21	17
5	93	C	07H	TEC		081	700ZS	01C+ 0.0	1.34	131	27	17

NUMBER OF TUBES IN REPORT = 60

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

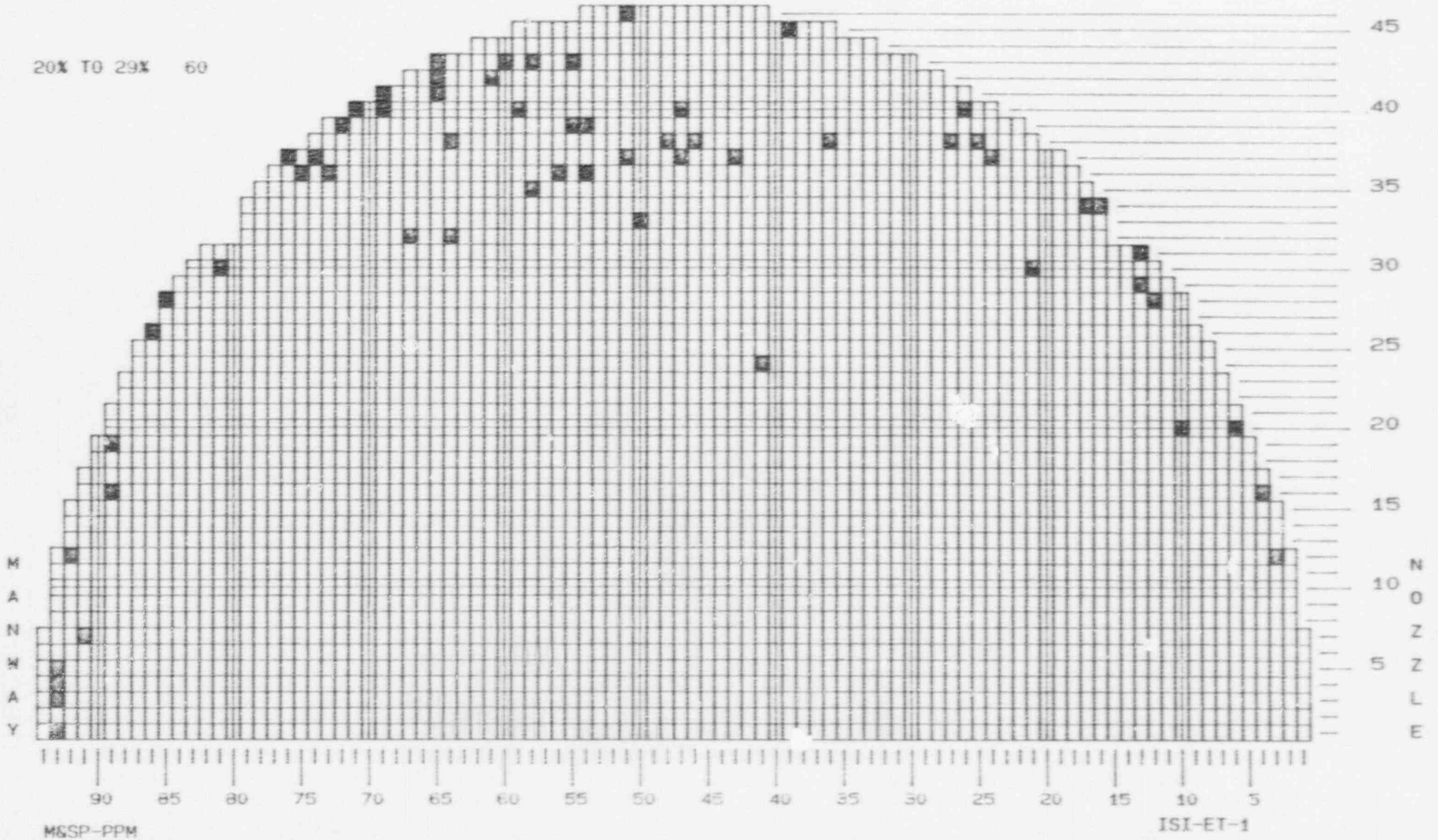
Page: Title page
Date: 09/28/90
Time: 9:41

Map selection criteria :
20% TO 29% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

DATE: 09/28/90
TIME: 9:40
STEAM GENERATOR: 22
GROUPS: All groups included
20% TO 29% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 9:44

Report selection criteria :
30% TO 39% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Ley.....: Hot and Cold legs
Release..: 2.0
30% TO 39% for the entire length

Page: 1
Date: 09/28/90
Time: 9:44

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
25	9	C	07H	TEC		003	720ZU	01C- 0.1	2.85	128	38	17
27	11	C	07H	TEC		003	720ZU	02C+ 0.1	0.61	137	30	17
29	14	C	07H	TEC		056	720ZU	01C+ 0.0	4.22	121	37	17
30	15	C	07H	TEC		005	720ZU	01C- 0.0	2.66	132	35	17
36	19	C	07H	TEC		056	720ZU	01C+ 0.0	1.71	125	32	17
		C	01C	01C	S	101	720ZR	01C+ 0.0	1.99	140	VOL	1
36	22	C	07H	TEC		007	720ZU	02C+ 0.1	0.89	127	39	17
39	23	C	01C	01C	S	101	720ZR	01C+ 0.0	3.13	115	VOL	1
		C	02C	02C	S	101	720ZR	02C+ 0.1	1.88	132	VOL	1
		C	07H	TEC		007	720ZU	02C- 0.0	0.74	127	39	17
38	25	C	07H	TEC		009	720ZU	02C- 0.1	1.44	135	30	17
44	40	C	07H	TEC		020	720ZU	02C+ 0.0	4.63	128	31	17
45	44	C	07H	TEC		023	720ZU	02C+ 0.1	1.60	131	32	17
37	47	C	07H	TEC		024	720ZU	NV2+ 32.6	2.75	0	38	18
40	47	C	07H	TEC		024	720ZU	NV4+ 0.0	1.87	0	30	18
45	48	C	07H	TEC		025	720ZU	01C+ 0.2	1.34	136	36	17
		C	07H	TEC		025	720ZU	02C- 0.1	2.21	141	31	17
45	50	C	07H	TEC		028	720ZU	01C+ 0.0	2.42	129	36	17
45	52	C	07H	TEC		030	720ZU	01C+ 0.1	1.06	128	33	17
40	53	C	07H	TEC		030	720ZU	01C+ 0.1	1.10	131	30	17
44	53	C	07H	TEC		030	720ZU	01C+ 0.1	2.03	127	32	17
45	55	C	07H	TEC		032	720ZU	02C+ 0.0	3.27	131	33	17
43	56	C	07H	TEC		034	720ZU	01C- 0.0	2.31	125	38	17
42	59	C	07H	TEC		035	720ZU	02C+ 0.0	3.10	125	36	17

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
30% TO 39% for the entire length

Date: 09/28/90
Time: 9:44

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
32	64	C	07H	TEC		038	720ZU	NV2+ 27.0	1.80	0	30	18
39	64	C	07H	TEC		038	720ZU	02C+ 0.1	1.56	131	34	17
42	64	C	07H	TEC		038	720ZU	02C+ 0.0	3.25	132	33	17
41	66	C	07H	TEC		039	720ZU	02C+ 0.0	4.38	128	39	17
36	70	C	07H	TEC		044	720ZU	NV2+ 5.0	2.52	0	37	18
		C	07H	TEC		044	720ZU	NV2+ 32.7	2.80	0	39	18
38	71	C	07H	TEC		044	720ZU	01C- 0.1	3.06	125	33	17
38	72	H	01C	TEH		106	700ZS	02C+ 0.0	2.92	123	34	17
37	73	C	07H	TEC		045	720ZU	02C+ 0.0	3.98	125	34	17
39	73	H	01C	TEH		106	700ZS	02C+ 0.2	3.43	124	32	17
37	74	C	07H	TEC		047	720ZU	01C+ 0.1	1.14	103	39	17
33	75	C	07H	TEC		047	720ZU	01C+ 0.0	2.04	124	30	17
35	75	C	07H	TEC		047	720ZU	01C+ 0.0	1.68	123	31	17
30	79	C	07H	TEC		048	720ZU	02C+ 0.2	1.63	121	33	17
29	82	C	07H	TEC		050	720ZU	02C- 0.2	3.32	125	37	17
30	82	C	07H	TEC		050	720ZU	02C- 0.2	2.65	129	32	17
29	83	C	07H	TEC		050	720ZU	01C+ 0.0	2.68	125	37	17
10	91	C	07H	TEC		054	720ZU	01C+ 0.0	1.56	124	35	17
11	91	C	07H	TEC		054	720ZU	02C+ 0.0	2.33	121	39	17
4	93	C	07H	TEC		081	700ZS	01C+ 0.1	2.61	127	30	17

NUMBER OF TUBES IN REPORT = 39

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Date: 09/28/90
Time: 9:44

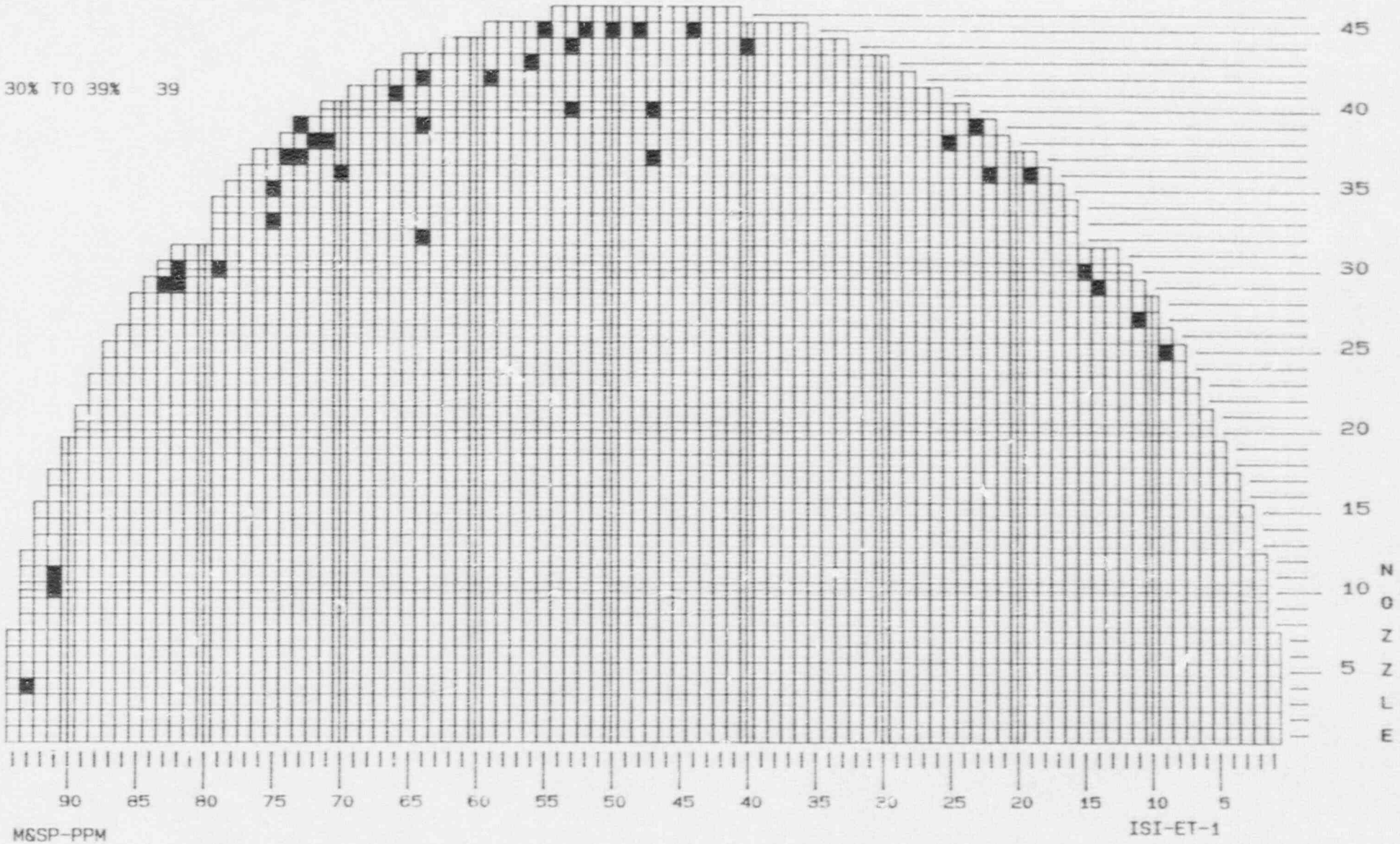
Map selection criteria :
30% TO 39% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

NSP

DATE: 09/28/90
TIME: 9:44
STEAM GENERATOR: 22
GROUPS: All groups included
30% TO 39% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 9:55

Report selection criteria :
40% TO 100% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
40% TO 100% for the entire length

Page: 1
Date: 09/28/90
Time: 9:55

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION		CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
29	12	H	TSC	TEH	P	106	700ZS	01C+	0.0	2.41	108	56	17
28	13	H	TSC	TEH	P	106	700ZS	01C+	0.0	3.57	114	49	17
30	14	H	TSC	TEH	P	106	700ZS	01C+	0.0	2.92	108	56	17
31	15	C	07H	TEC		005	720ZU	01C-	0.2	2.49	115	48	17
		C	01C	01C	S	101	720ZR	01C-	0.3	1.61	115	VOL	1
30	16	H	TSC	TEH	P	106	700ZS	01C+	0.0	3.38	108	56	17
32	16	C	02C	02C	S	101	720ZR	02C+	0.0	5.15	106	VOL	1
		C	07H	TEC		005	720ZU	02C-	0.1	4.04	95	70	17
33	17	C	07H	TEC		056	720ZU	01C-	0.1	2.25	116	43	17
35	17	H	TSC	TEH	P	106	700ZS	01C+	0.0	2.78	101	63	17
37	22	C	07H	TEC		007	720ZU	02C-	0.2	4.11	126	40	17
39	23	C	01C	01C	S	101	72	01C+	0.0	3.13	115	VOL	1
		C	07H	TEC		007	720_U	01C-	0.1	2.19	119	47	17
		C	02C	02C	S	101	720ZR	02C+	0.1	1.88	132	VOL	1
38	24	C	02C	02C	S	101	720ZR	02C+	0.0	1.52	124	VOL	1
		C	07H	TEC		007	720ZU	02C-	0.1	1.58	112	54	17
39	24	H	TSC	TEH	P	106	700ZS	02C+	0.0	2.78	115	48	17
39	25	H	TSC	TEH	P	106	700ZS	02C+	0.0	5.41	114	49	17
40	25	C	07H	TEC		009	720ZU	01C+	0.0	1.44	121	45	17
		C	01C	01C	S	101	720ZR	01C-	0.0	1.94	288	VOL	1
		C	07H	TEC		009	720ZU	02C+	0.0	3.70	126	40	17
		C	02C	02C	S	101	720ZR	02C+	0.1	3.99	122	VOL	1
41	27	H	TSC	TEH	P	106	700ZS	02C+	0.0	4.03	105	58	17
43	36	H	TSC	TEH	P	106	700ZS	02C+	0.0	5.84	102	62	17
45	42	H	TSC	TEH	P	106	700ZS	01C+	0.0	3.67	113	50	17
44	43	C	07H	TEC		021	720ZU	02C+	0.0	0.70	119	41	17

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
40% TO 100% for the entire length

Date: 09/28/90
Time: 9:55

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
44	43	C	02C	02C	S	103	720ZR	02C+ 0.0	1.23	348	VOL	1
46	45	H	TSC	TEH	P	106	700ZS	01C+ 0.0	4.32	111	53	17
44	47	H	TSC	TEH	P	106	700ZS	01C+ 0.0	1.70	80	79	17
45	49	C	07H	TEC		025	720ZU	01C+ 0.0	2.54	126	46	17
46	49	H	TSC	TEH	P	106	700ZS	01C+ 0.0	3.81	110	54	17
45	53	H	01C	TEH	P	106	700ZS	01C+ 0.0	1.50	116	43	17
42	55	C	07H	TEC		032	720ZU	01C+ 0.0	2.97	126	40	17
44	55	C	07H	TEC		032	720ZU	01C+ 0.0	3.55	110	54	17
		C	07H	TEC		032	720ZU	02C+ 0.0	1.70	120	43	17
45	56	C	07H	TEC		034	720ZU	02C+ 0.0	2.67	118	47	17
		C	02C	02C	S	103	720ZR	02C+ 0.0	2.76	131	VOL	1
43	58	C	07H	TEC		035	720ZU	02C- 0.1	2.34	130	40	17
42	61	H	01C	TEH	P	106	700ZS	01C- 0.1	1.88	113	47	17
39	66	H	01C	TEH	P	106	700ZS	02C- 0.1	1.25	108	53	17
41	68	H	01C	TEH	P	106	700ZS	02C+ 0.0	3.30	113	47	17
39	70	C	02C	02C	S	103	720ZR	02C+ 0.0	5.08	306	VOL	1
		C	07H	TEC		044	720ZU	02C- 0.1	4.70	99	67	17
38	72	H	01C	TEH	P	106	700ZS	01C+ 0.0	3.22	110	51	17
39	72	H	01C	TEH	P	106	700ZS	02C- 0.2	5.56	109	52	17
37	73	C	07H	TEC		045	720ZU	01C- 0.1	2.88	113	50	17
39	73	H	01C	TEH	P	106	700ZS	02C- 0.1	4.53	112	48	17
37	76	H	01C	TEH	P	106	700ZS	02C+ 0.1	4.56	114	46	17
29	83	C	07H	TEC		050	720ZU	02C- 0.1	5.77	101	60	17

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
40% TO 100% for the entire length

Date: 09/28/90
Time: 9:55

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
23	85	C	07H	TEC		052	720ZU	02C+ 0.0	3.24	111	51	17
23	87	C	07H	TEC		052	720ZU	01C- 0.1	1.97	116	46	17

NUMBER OF TUBES IN REPORT 39

NSP

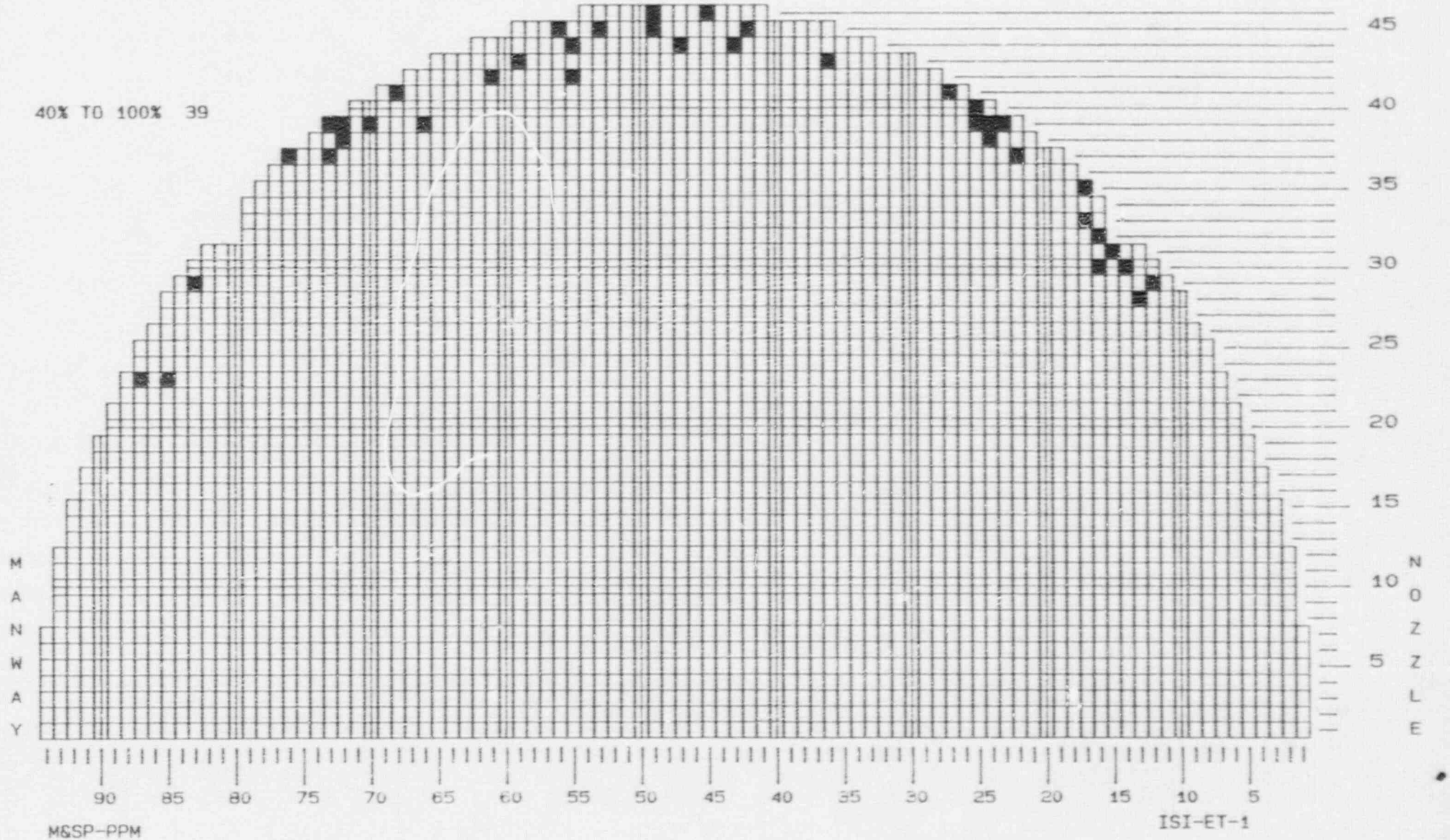
Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Map selection criteria :
40% TO 100% for the entire length Supplemental data : All except NDDs included Plugs : None included Selected indications only are included Groups : All groups included

DATE: 09/28/90
TIME: 9:55
STEAM GENERATOR: 22
GROUPS: All groups included
40% TO 100% for the entire length

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:02

Report selection criteria :
Supplemental data : None included Plugs : Only current included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 1
Date: 09/28/90
Time: 10:02

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
29	12	H						09/90			PLG	
28	13	H						09/90			PLG	
30	14	H						09/90			PLG	
31	15	H C						09/90 09/90			PLG PLG	
30	16	H						09/90			PLG	
32	16	H C						09/90 09/90			PLG PLG	
33	17	H C						09/90 09/90			PLG PLG	
35	17	H						09/90			PLG	
37	22	H C						09/90 09/90			PLG PLG	
39	23	H C						09/90 09/90			PLG PLG	
38	24	H C						09/90 09/90			PLG PLG	
39	24	H						09/90			PLG	
39	25	H						09/90			PLG	
40	25	H C						09/90 09/90			PLG PLG	
41	27	H						09/90			PLG	
43	36	H						09/90			PLG	
43	41	H						09/90			PLG	
45	42	H						09/90			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
44	43	H C						09/90 09/90			PLG PLG	
46	45	H						09/90			PLG	
44	47	H						09/90			PLG	
45	49	H C						09/90 09/90			PLG PLG	
46	49	H						09/90			PLG	
45	53	H						09/90			PLG	
42	55	H C						09/90 09/90			PLG PLG	
44	55	H C						09/90 09/90			PLG PLG	
45	56	H C						09/90 09/90			PLG PLG	
43	59	H C						09/90 09/90			PLG PLG	
42	61	H						09/90			PLG	
39	66	H						09/90			PLG	
41	68	H						09/90			PLG	
39	70	H C						09/90 09/90			PLG PLG	
38	72	H						09/90			PLG	
39	72	H						09/90			PLG	
37	73	H C						09/90 09/90			PLG PLG	
38	73	H						09/90			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 3
Date: 09/28/90
Time: 10:02

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
39	73	H						09/90			PLG	
37	76	H						09/90			PLG	
29	83	H C						09/90 09/90			PLG PLG	
23	85	H C						09/90 09/90			PLG PLG	
23	87	H C						09/90 09/90			PLG PLG	

NUMBER OF TUBES IN REPORT = 41

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:02

Map selection criteria :
Supplemental data : None included Plugs : Only current included Selected indications only are included Groups : All groups included

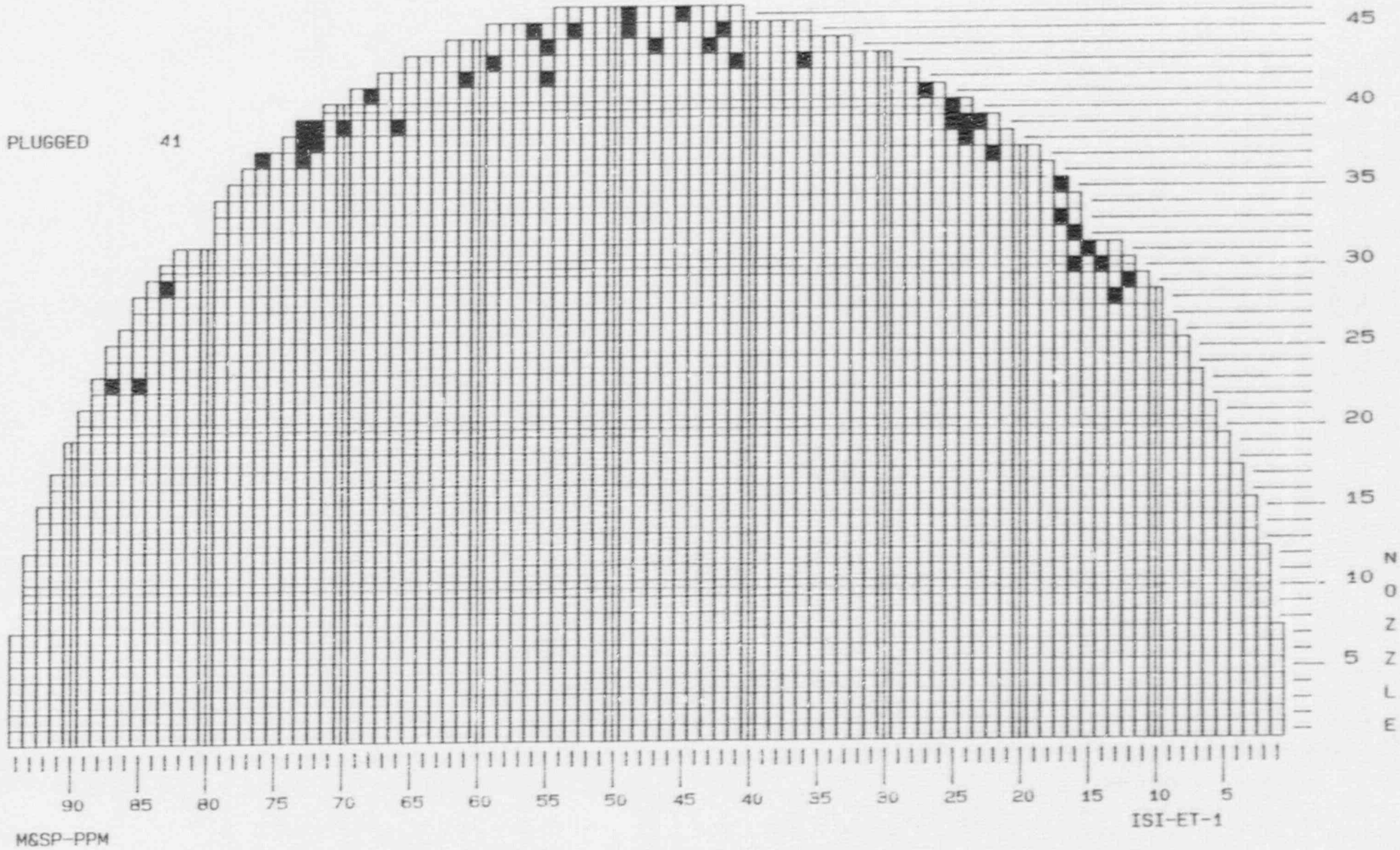
NSP

DATE: 09/28/90
TIME: 10:02
STEAM GENERATOR: 22
GROUPS: All groups included

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS

NSP



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:06

Report selection criteria :
Supplemental data : None included Plugs : All included Selected indications only are included Groups : All groups included

Three column remarks field key :
Column 1=PID information Column 2=Resolution file information Column 3=Hold file information "P" in Col 1=Positive identification retest condition exists "S" In Col 1=Line contains supplemental data "R" In Col 2=More data pending in resolution file "H" In Col 3=More data pending in hold file

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 1
Date: 09/28/90
Time: 10:06

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
1	1	H C						01/80 01/80			PLG PLG	
25	11	H C						09/85 09/85			PLG PLG	
26	11	H C						09/84 09/84			PLG PLG	
29	12	H C						09/90 10/86			PLG PLG	
30	12	H C						09/85 09/85			PLG PLG	
28	13	H C						09/90 10/86			PLG PLG	
30	13	H C						09/83 09/83			PLG PLG	
30	14	H C						09/90 10/86			PLG PLG	
28	15	H C						09/85 09/85			PLG PLG	
31	15	H C						09/90 09/90			PLG PLG	
30	16	H C						09/90 10/86			PLG PLG	
31	16	H C						09/84 09/84			PLG PLG	
32	16	H C						09/90 09/90			PLG PLG	
33	16	H C						09/84 09/84			PLG PLG	
32	17	H						03/81			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Date: 09/28/90
Time: 10:06

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
32	17	C						03/81			PLG	
33	17	H C						09/90 09/90			PLG PLG	
35	17	H C						09/90 10/86			PLG PLG	
32	18	H C						09/84 09/84			PLG PLG	
34	18	H C						01/80 01/80			PLG PLG	
35	18	H C						09/84 09/84			PLG PLG	
36	18	H C						03/81 03/81			PLG PLG	
26	19	H C						06/82 06/82			PLG PLG	
32	19	H C						09/83 09/83			PLG PLG	
35	19	H C						03/81 03/81			PLG PLG	
34	20	H C						03/81 03/81			PLG PLG	
36	20	H C						09/84 09/84			PLG PLG	
37	21	H C						03/81 03/81			PLG PLG	
37	22	H C						09/90 09/90			PLG PLG	
38	22	H						06/82			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 3
Date: 09/28/90
Time: 10:06

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
38	22	C						06/82			PLG	
13	23	H C						03/83 09/83			PLG PLG	
38	23	H C						09/84 09/84			PLG PLG	
39	23	H C						09/90 09/90			PLG PLG	
38	24	H C						09/90 09/90			PLG PLG	
39	24	H C						09/90 10/86			PLG PLG	
40	24	H C						06/82 06/82			PLG PLG	
39	25	H C						09/90 10/86			PLG PLG	
40	25	H C						09/90 09/90			PLG PLG	
39	27	H C						06/82 06/82			PLG PLG	
40	27	H C						09/85 09/85			PLG PLG	
41	27	H C						09/90 10/86			PLG PLG	
39	28	H C						03/81 03/81			PLG PLG	
41	28	H C						09/83 09/83			PLG PLG	
42	32	H						09/83			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 4
Date: 09/28/90
Time: 10:06

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
42	32	C						09/83			PLG	
42	33	H C						03/81 03/81			PLG PLG	
44	33	H C						06/82 06/82			PLG PLG	
42	34	H C						01/80 01/80			PLG PLG	
36	35	H C						03/81 03/81			PLG PLG	
44	35	H C						03/81 03/81			PLG PLG	
37	36	H C						03/81 03/81			PLG PLG	
43	36	H C						09/90 10/86			PLG PLG	
45	36	H C						03/81 03/81			PLG PLG	
43	37	H C						01/80 01/80			PLG PLG	
44	37	H C						01/80 01/80			PLG PLG	
45	37	H C						01/80 01/80			PLG PLG	
43	41	H C						09/90 10/86			PLG PLG	
44	41	H C						01/80 01/80			PLG PLG	
46	41	H						09/84			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 5
Date: 09/28/90
Time: 10:06

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
46	41	C						09/84			PLG	
45	42	C H						01/88 09/90			PLG PLG	
44	43	H C						09/90 09/90			PLG PLG	
46	43	H C						03/81 03/81			PLG PLG	
46	45	H C						09/90 10/86			PLG PLG	
33	46	H C						03/81 03/81			PLG PLG	
37	46	H C						03/81 03/81			PLG PLG	
17	47	H C						11/77 11/77			PLG PLG	
44	47	H C						09/90 10/86			PLG PLG	
33	48	H C						09/85 09/85			PLG PLG	
36	48	H C						09/85 09/85			PLG PLG	
46	48	H C						01/80 01/80			PLG PLG	
33	49	H C						03/81 03/81			PLG PLG	
37	49	H C						03/81 03/81			PLG PLG	
45	49	H						09/90			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
45	49	C						09/90			PLG	
46	49	H C						09/90 10/86			PLG PLG	
36	50	H C						09/84 09/84			PLG PLG	
46	50	H C						09/85 09/85			PLG PLG	
36	51	H C						03/81 03/81			PLG PLG	
40	51	H C						03/81 03/81			PLG PLG	
45	51	H C						03/89 03/89			PLG PLG	
36	52	H C						03/81 03/81			PLG PLG	
43	52	H C						09/84 09/84			PLG PLG	
36	53	H C						01/81 01/81			PLG PLG	
38	53	H C						01/81 01/81			PLG PLG	
43	53	H C						01/81 01/81			PLG PLG	
45	53	H C						09/90 10/86			PLG PLG	
40	54	H C						09/84 09/84			PLG PLG	
44	54	H						06/82			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
44	54	C						06/82			PLG	
46	54	H C						06/82 06/82			PLG PLG	
38	55	H C						03/81 03/81			PLG PLG	
42	55	H C						09/90 09/90			PLG PLG	
44	55	H C						09/90 09/90			PLG PLG	
33	56	H C						03/81 03/81			PLG PLG	
40	56	H C						03/89 03/89			PLG PLG	
44	56	H C						09/83 09/83			PLG PLG	
45	56	H C						09/90 09/90			PLG PLG	
33	57	H C						03/81 03/81			PLG PLG	
44	57	H C						09/83 09/83			PLG PLG	
38	58	H C						03/81 03/81			PLG PLG	
44	58	H C						09/83 09/83			PLG PLG	
33	59	H C						03/81 03/81			PLG PLG	
43	59	H						09/90			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
43	59	C						09/90			PLG	
44	59	H C						06/82 06/82			PLG PLG	
36	60	H C						03/81 03/81			PLG PLG	
38	60	H C						09/85 09/85			PLG PLG	
40	60	H C						03/81 03/81			PLG PLG	
44	60	H C						09/84 09/84			PLG PLG	
40	61	H C						03/81 03/81			PLG PLG	
42	61	C H						01/88 09/90			PLG PLG	
32	62	H C						03/81 03/81			PLG PLG	
33	62	H C						09/85 09/85			PLG PLC	
43	62	H C						09/84 09/84			PLG PLG	
32	63	H C						03/81 03/81			PLG PLG	
32	65	H C						06/82 06/82			PLG PLG	
39	66	C H						01/88 09/90			PLG PLG	
33	67	H						03/81			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 9
Date: 09/28/90
Time: 10:07

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CURRENT CH
33	67	C						03/81			PLG	
39	67	H C						03/81 03/81			PLG PLG	
40	67	H C						03/89 03/89			PLG PLG	
41	67	H C						09/83 09/83			PLG PLG	
42	67	H C						03/89 03/89			PLG PLG	
39	68	H C						03/81 03/81			PLG PLG	
41	68	H C						09/90 10/86			PLG PLG	
39	70	H C						09/90 09/90			PLG PLG	
38	72	H C						09/90 10/86			PLG PLG	
39	72	H C						09/90 10/86			PLG PLG	
37	73	H C						09/90 09/90			PLG PLG	
38	73	H C						09/90 10/86			PLG PLG	
39	73	H C						09/90 10/86			PLG PLG	
38	74	H C						01/80 01/80			PLG PLG	
37	75	H						06/82			PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

Page: 10
Date: 09/28/90
Time: 10:07

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
37	75	C						06/82			PLG	
34	76	H						01/80			PLG	
		C						01/80			PLG	
36	76	H						03/81			PLG	
		C						03/81			PLG	
37	76	H						09/90			PLG	
		C						10/86			PLG	
32	77	H						09/83			PLG	
		C						09/83			PLG	
34	77	H						06/82			PLG	
		C						06/82			PLG	
35	77	H						09/83			PLG	
		C						09/83			PLG	
36	77	H						09/85			PLG	
		C						09/85			PLG	
31	78	H						03/81			PLG	
		C						03/81			PLG	
33	78	H						01/80			PLG	
		C						01/80			PLG	
35	78	H						01/80			PLG	
		C						01/80			PLG	
31	79	H						09/83			PLG	
		C						09/83			PLG	
32	79	H						03/81			PLG	
		C						03/81			PLG	
33	79	H						01/80			PLG	
		C						01/80			PLG	
34	79	H						01/80			PLG	

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0
See title page for report selection criteria.

ROW	COL	LEG	EXTENT BEG	EXTENT END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS	CURRENT DEG	CURRENT %	CH
34	79	C						01/80			PLG	
31	80	H C						09/85 09/85			PLG PLG	
31	81	H C						06/82 06/82			PLG PLG	
31	82	H C						09/84 09/84			PLG PLG	
29	83	H C						09/90 09/90			PLG PLG	
23	85	H C						09/90 09/90			PLG PLG	
25	85	H C						09/83 09/83			PLG PLG	
22	86	H C						09/85 09/85			PLG PLG	
23	87	H C						09/90 09/90			PLG PLG	
18	90	H C						09/83 09/83			PLG PLG	
15	91	H C						03/89 03/89			PLG PLG	
17	91	H C						09/83 09/83			PLG PLG	
1	94	H C						01/80 01/80			PLG PLG	

NUMBER OF TUBES IN REPORT = 153

NSP

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 2

Generator: 22
Leg.....: Hot and Cold legs
Release..: 2.0

Page: Title page
Date: 09/28/90
Time: 10:07

Map selection criteria :
Supplemental data : None included Plugs : All included Selected indications only are included Groups : All groups included

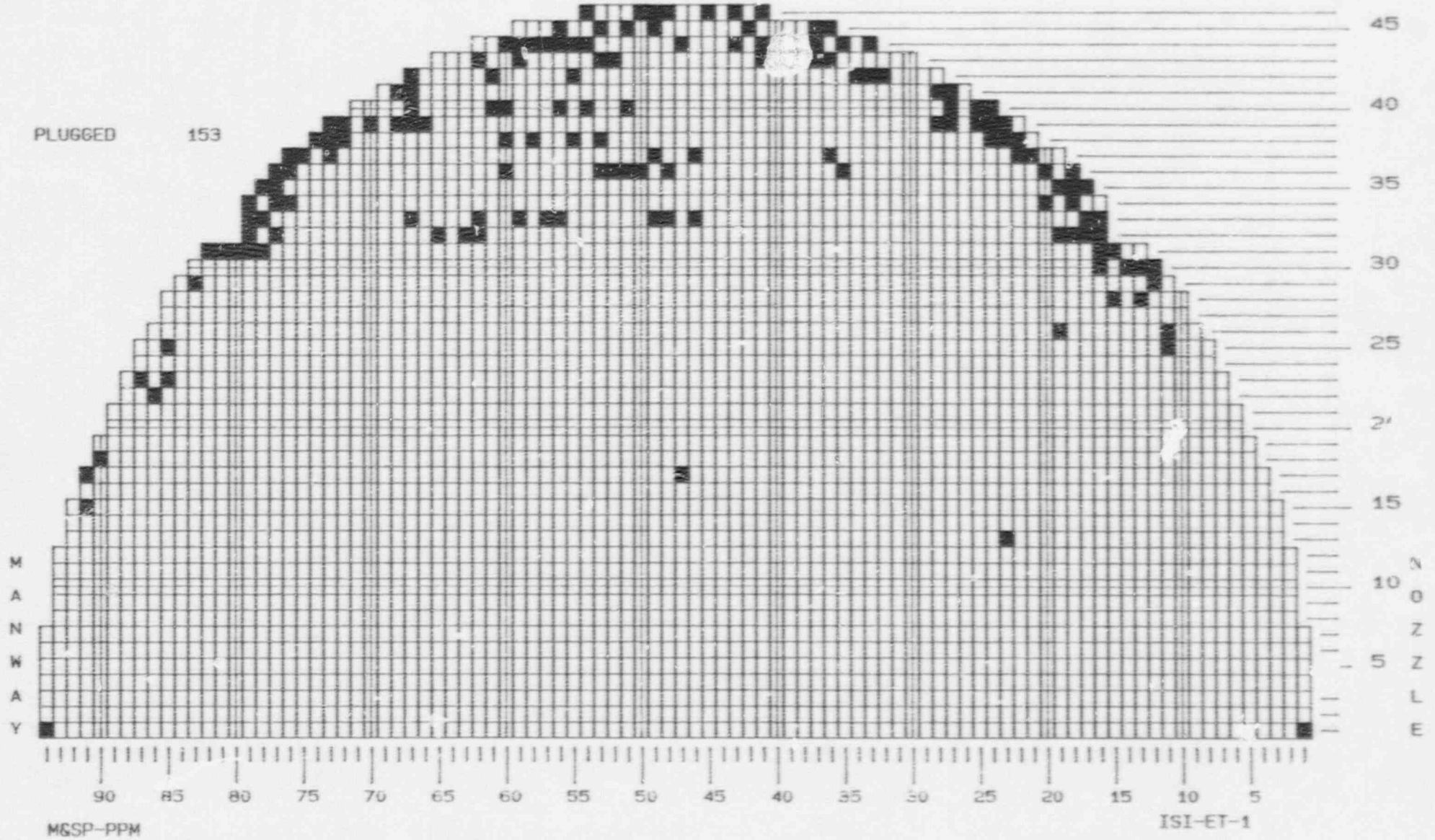
NSP

DATE: 09/28/90
TIME: 10:07
STEAM GENERATOR: 22
GROUPS: All groups included

PRAIRIE ISLAND, UNIT 2

CUMULATIVE INDICATIONS REPORT-HOT AND COLD LEGS

NSP



APPENDIX H

NIS-1 FORM

FORM NIS-1, OWNERS DATA REPORT FOR INSERVICE INSPECTION

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
(As required by the Provision of the ASME Code Rules)

1.) Owner: Northern States Power Company

Address: 414 Nicollet Mall, Minneapolis, Minnesota 55401

2.) Plant: PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Address: WELCH, MINNESOTA

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

5.) Commercial Service Date: 12-20-74 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.
ASME CLASS I	(See Appendix A)			
REACTOR VESSEL	CREUSOT-LOIRE	687	MINN 200-51	---
PRESSURIZER	WESTINGHOUSE	1191	---	68-57
STEAM GENERATOR NUMBER 21	WESTINGHOUSE	1181	---	68-39
STEAM GENERATOR NUMBER 22	WESTINGHOUSE	1182	---	68-40
REACTOR COOLANT PUMP 21	WESTINGHOUSE	W510	---	---
REACTOR COOLANT PUMP NUMBER 22	WESTINGHOUSE	W515	---	---
ASME CLASS II	(See Appendix B)			
ACCUMULATOR TANK 21	DELTA SOUTHERN	41037-69-1	---	2575
ACCUMULATOR TANK 22	DELTA SOUTHERN	41037-69-1	---	2576
RHR HEAT EXCHANGER 21	JOSEPH OATS & SONS	1817-1C	---	342
RHR HEAT EXCHANGER 22	JOSEPH OATS & SONS	1817-1D	---	343
SAFETY INJECTION PUMP NUMBER 21	BINGHAM	---	---	---
SAFETY INJECTION PUMP NUMBER 22	BINGHAM	---	---	---

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS
(As required by the Provision of the ASME Code Rules)

1.) Owner: Northern States Power Company

Address: 414 Nicollet Mall, Minneapolis, Minnesota 55401

2.) Plant: PRAIRIE ISLAND NUCLEAR GENERATING PLANT

Address: WELCH, MINNESOTA

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

5.) Commercial Service Date: 12-20-74 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.
ASME CLASS II	(Continued)			
RHR PUMP 21	BYRON JACKSON	---	---	---
RHR PUMP 22	BYRON JACKSON	---	---	---
FSAR	(See Appendix C)			
ASME CLASS I COMPONENT SUPPORTS	(See Appendix D)			
ASME CLASS II COMPONENT SUPPORTS	(See Appendix D)			
STEAM GENERATOR TUBES				
STEAM GENERATOR NUMBER 21				
(See Appendix F)				
STEAM GENERATOR NUMBER 22				
(See Appendix G)				

FORM NIS-1 (back)

8.) Examination Dates: 09-04-90 to 10-02-90

9.) Inspection Interval: 12-16-83 to 12-16-93

10.) Abstract of Examinations: Include a list of examination and a statement concerning status of work required for current interval.

This report is a summary of the examinations performed during the 14th inservice inspection at the Prairie Island Nuclear Generating Plant - Unit 2. This was the last inspection conducted for inspection period two of the plant's 2nd ten year interval. The examinations were performed during the plant's 14th refueling outage. These examinations completed 100% of the required examination on the pressure retaining components and supports of the reactor coolant and associated systems classified as ASME Class 1 and ASME Class 2; the FSAR Augmented examinations of main steam and feedwater system transversing the Auxillary building. Eddy current examination requirements for steam generator tubes were also completed during this outage in accordance with Prairie Island Technical Specification, Section T.S.4.12

11.) Abstract of Conditions Noted:

The Eddy Current inspection revealed 121 and 181 tubes with tube wall degregation in Steam Generator 21 and 22 respectively.

Other than steam generator (S.G.) tubes, there were no signs of degradation to systems scheduled for examination.

The following is a list of anomalies detected:

SYSTEM	ITEM ID	TYPE AND NUMBER EXAM METHOD	OF INDICATIONS
SI PUMP SUCTION	SIH-29/B	VT	NO LOAD SCALE
RTD TAKE OFF COLD B	137 2RTD-2/B	VT	BOLT ENGAGEMENT
REATOR VESSEL	W-6	UT	INCLUSION
FEEDWATER A	FWH-68/B	MT	COLD LAP
	FW-136	MT	LINEAR
STEAM GENERATOR NO. 21	COL. 2 PIN	UT	LINEAR
	W-F	UT	SLAG INCLUSION
STEAM GENERATOR NO. 22	COL. 3 PIN	UT	LINEAR
	PAD 4 UPPER RING	VT	LOOSE NUT
	COL. 2	UT	LINEAR
PRESSURIZER SURGE	RCRH-50/F	VT	BOTTOMED OUT
MAIN STEAM A	MS-48	VT	ARC STRIKE
	MS-56	VT	GOUGES

11.) Abstract of Conditions Noted: (Cont'd)

SYSTEM	ITEM ID	TYPE AND NUMBER EXAM METHOD	OF INDICATIONS
MAIN STEAM B	MS-82	MT	LINEARS
	MSH-50/A1	VT	LOOSE NUT
	MSH-46/C	MT	ARC STRIKE
RHR TAKE OFF HOT A	9-2RHR-7/C	VT	FLAME CUT HOLES
RHR TAKE OFF HOT B	W-F	PT	LINEARS

12.) Abstract of Corrective Measures Recommended and Taken:
To assure continued integrity of the steam generators (S.G.), a total of 12 new tubes in S.G. 21 and 18 new tubes in S.G. 22 were mechanically plugged, in addition 6 tubes in S.G. 21 and 23 tubes in S.G. 22 were replugged based on NRC Bulliten 89-01.

All anomalies were either corrected or an engineering evaluation was performed to accept "as is" conditions. The PT,MT and VT indication for linears, cold lap, gouges and arc strikes were removed by light hand grinding and blending the area smooth; the loose nuts and bolt engagement were tightened; the hanger with no load scale and the hanger that was bottomed out were evaluated and found acceptable by an engineering evaluation; the hanger with flame cut holes was reworked to remove the HAZ by grinding; some items with linear or inclusion indications were accepted based on Section XI IWB-3514.2.

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

Date Oct 16 1990 Signed Northern States Power Company By [signature]
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 Providence of ILLINOIS and employed by HARTFORD STEAM BOILER INSPECTION & INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Data Report during the period 9-4-90 to 10-2-90, and state that to the best of my knowledge and belief, the Owner has preformed examinations and taken corrective measures described in this Owner's Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing the certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Data Report. Futhermore, 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 16 19 90

Inspector's Signature

Commissions NB 10274, MN 90-174
National Board, State, Providence & No.