

NORTHERN STATES POWER
PRAIRIE ISLAND UNIT 1

ISI SUMMARY REPORT
R 15 1992/93

PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 1
1717 WAKONADE DR.
WELCH, MN 55089

REFUELING OUTAGE NUMBER 15
OUTAGE DATES 10-24-92 TO 1-12-93
COMMERCIAL SERVICE DECEMBER 16, 1973
INSERVICE INSPECTION INTERVAL 2, PERIOD 3

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Report Date 4-8-93

NDE/RR Prepared by : Bridgeman

NDE/RR Reviewed by : Theresa Vike

SG ECT Prepared by : J. Rinken for Scott Redman

SG ECT Reviewed by : Brad A. Dupont

Approved by : J. Rinken

I. Summary

Visual and nondestructive examinations were performed by Northern States Power, Lambert Macgill and Thomas, Conam and Zetec personnel. Copies of examination reports, examination procedures, personnel certifications and equipment records are available at NSP.

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

In September 1992, an unscheduled outage occurred as a result of a leak in #12 Steam Generator. 100% of all accessible tubes were examined (sleeved tubes in the hot leg were not examined). 27 tubes were plugged during this unscheduled outage.

All of the accessible steam generator tubes in #11 and #12 SG were eddy current examined during the November, 1992 refueling outage (previously plugged tubes were not examined). 6 tubes were plugged in #11 SG. 22 tubes were plugged in #12 SG.

Hanger and component supports are assigned ASME Section XI Item Number " F-ABC ". All of the applicable IWF examinations were performed on each hanger or support.

Several abbreviations are used in the attached tables and appendices. HELB is an abbreviation for High Energy Line Break. The PI USAR requires additional inspections of HELB welds. PSI is an abbreviation for Pre Service Inspection. Sat is used to indicate a test or exam result which is satisfactory. Unsat indicates unsatisfactory test or examination results.

II. Form NIS-1 Information

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, MN 55401
2. Plant: Prairie Island Nuclear Generating Plant
Address: 1717 Wakonade Dr., Welch MN. 55089
3. Plant Unit : 1 4. Owner Certificate of Authorization: NA
5. Commercial Service Date: 12-16-73 6. National Board No: NA
7. Components: (Appendices list components examined this outage)

Component or Appurtenance	Manufacturer or Installer	Serial No.	State or Prov. No.	National Board No.
Reactor Vessel	Creusot-Loire	686	Minn 200-51	---
Pressurizer	Westinghouse	1111	---	68-20
Steam Gen 11	Westinghouse	1101	---	68-24
Steam Gen 12	Westinghouse	1102	---	68-25
RHR HT Ex 11	Joseph Oats	1817-1A	---	340
RHR HT Ex 12	Joseph Oats	1817-1B	---	341
RHR Pump 11	Byron Jackson	---	---	---
RHR Pump 12	Byron Jackson	---	---	---
SI Pump 11	Bingham	---	---	---
SI Pump 12	Bingham	---	---	---
Accumulator 11	Delta Southern	41038-70-1	---	2554
Accumulator 12	Delta Southern	41038-70-2	---	2555
Boric Acid Tk 11	Navco	---	---	---

8. Examination Dates 10-24-92 to 01-12-93
9. Inspection Interval from December 16, 1983 to December 16, 1993
10. Abstract of Examinations. Include a list of examinations and statement concerning status of work required for the current interval. See the attached appendices.
11. Abstract of Conditions Noted. See the attached appendices.
12. Abstract of Corrective Measures Recommended and Taken. See the attached appendices.

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

Date 4-8 1993 Signed NORTHERN STATES POWER By [Signature]
(Owner)

Certificate of Authorization No. N/A Expiration date N/A

NORTHERN STATES POWER
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CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the
National Board of Boiler and Pressure Vessel Inspectors and/or the

State or Province of Minnesota and employed

by Hartford Steam Boiler I&I of Hartford, Conn have
inspected the components described in this Owner's Data Report

during the period 10-24-92 to 1-12-93
and state that to the best of my knowledge and belief, the Owner
met with the requirements of the ASME Code, Section XI.

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

Date April 8 1993

Linwood S. Dillon Commissions NB 10274, MN 93-174
Inspector's Signature National Board, State, Proc. & No.

III. Repair/Replacement Summary

Below is a summary of ASME Section XI Repairs/Replacements. WRA refers to the document which controlled the work.

WRA	Description of Work
S9952 (CL)	Replace CL-20-24 line drain from 12,14 FCU.
S9790 (CL)	Remove Replace Welded Attach. to D1 water supply.
S9961 (CL)	Replace 121 CR Chiller Supply.
S9636 (CL)	Replace CLG water supply to D1 Diesel.
S9067 (CL)	Weld in 2" sockolet to 18" CL header.
S8880 (CL)	Refurbish MV32030
S8807 (CL)	Cut out loop A CL supply to Aux Feed.
S8068 (CL)	Weld overlay loop B Clg water pipe.
S8067 (CL)	Weld overlay loop A Clg water pipe.
S7941 (CL)	Install Corrosion Tap Sample Points.
S7890 (CL)	Install Annubar Pipe & Press Tap on Loop A.
S7889 (CL)	Install Annubar fittings on Loop A.
S7888 (CL)	Add fit up lug on CL pipe.
S7887 (CL)	Weld Temp Lug on CW-8-8.
S7875 (CL)	Install Hanger CWH-903
S7874 (CL)	Install CWH-903
S5998 (CL)	Replace 22 DDCWP Air Start SV33466 & SV33467.
S5597 (CL)	Replace 12 DDCWP Air Start SV33464 & SV33465.
S4602 (CL)	Repair 12 & 22 DDCWP Air reciever Check Valve.
S3600 (CL)	Install Loop B CL Header to Screenhouse.
S3599 (CL)	Install Loop B CL Header in Turbine Building.
S3598 (CL)	Install Loop B CL Header in Aux Building.
S3597 (CL)	Install Loop A CL Header to Screenhouse.
S3596 (CL)	Install Loop A CL Header in Turbine Building.
S3595 (CL)	Install Loop A Header in Aux Building.
S3594 (CL)	Prefab Cooling Water Header Piping.
S0463 (CL)	Repair CL-43-3
R6501 (CL)	Flushing Line Installation to 24" CL.
R5455 (CL)	Inspect/Repair CL-80-5 & CL-80-6.
R5366 (CL)	Prefab Loop B CL Spoolpiece.
R5365 (CL)	Prefab Loop A CL Spoolpiece.
R7627 (CL)	Prefab Spoolpiece for D1 Cooling Water.
U0208 (D2)	D2 Diesel Gen Air Start CV Stem Leak.
S2565 (D2)	Weld Repair Interpass Cooler Header for D1/D2.
R7641 (D2)	Replace CL Spoolpiece on D2.
R7629 (D2)	Prefab Spoolpiece for D2 Cooling Water.
S8868 (FW)	Repair Weld on #11SG FW Nozzle Spool.
S8810 (FW)	Weld Repair on 11 SG FW Pipe.
S8809 (FW)	Weld Repair on SG FW Spool.
S6199 (FW)	12 SG FW Nozzle Transition Replacement.
S6198 (FW)	11 SG FW Nozzle Transition Replacement
S5787 (FW)	Remachine 4 FW Transition Piece Weld Preps.
S5785 (FW)	Prefab Spoolpieces for FW Nozzle to SG.

III. Repair/Replacement Summary cont.

WRA	Description of Work
S9336 (RC)	Route RCS Loop A HL drn to RCDT Vent.
S9178 (RC)	Repair Weld near Valve RC-1-14.
S8481 (RC)	Modify Pressure Spray Support 1-RCRH-13.
S8324 (RC)	Fab & Install Support 1-WDRH-90.
S8221 (RC)	Pipe Support 1RPCH193 Fab & Install.
S8220 (RC)	Pipe Support 1RPCH193 Fab & Install.
S8219 (RC)	Pipe Support 1RPCH192 Fab & Install.
S8132 (RC)	Install RCS Draindown Piping by WSI.
S8131 (RC)	Weld Prep RCS Loop A HL Nozzle.
S8104 (RC)	Fab Primary Nozzle Plug for center line mod.
S8033 (RC)	Prefab RCS System Draindown Piping.
R5345 (RC)	Replace Head Vent SV37035.
S8697 (SG)	Seal Weld Backing Ring on #11 SG FW Nozzle.
S8696 (SG)	Seal Weld Backing Ring on #12 SG FW Nozzle.
S3101 (SI)	Replace Piping - SI Recirc
T0051 (VC)	Repair Pipe Assoc. with VC-8-6 removal.
S9951 (VC)	Repair VC-8-6 Seal Inj to RCP Seal I.
S9863 (VC)	Repair VC-8-5
S9033 (VC)	Replace VC-8-5 11 RCP Seal Inj Check.
S3343 (VC)	Repair Cracked Weld to Chg Pmp.
U0020 (ZC)	Replace N. face on 11 FCU.
S9464 (ZC)	Replace S. face on 14 FCU.
S0572 (ZH)	Cut out & Reweld 4" CL supply to 122 CR Chiller.
S0349 (ZH)	Reweld 4" CL Supply to 121 CR Chiller.
S7884 (CL)	Join prefab spools for installation 24-CL-20.
S7774 (CL)	Install corrosion coupons D2.
S7773 (CL)	Install corrosion coupons D1.
S7147 (CL)	Install corrosion coupons 12 & 14 FCU.
S7143 (CL)	Install corrosion coupons 11 & 13 FCU.
S2333 (D2)	Install relief Vlv.
S2332 (D2)	Fab PPG for Relief Vlv.
S1893 (D2)	Weld repair channel heads.
S9356 (SG)	Machine handhole surface.
S0995 (VC)	Replace VC-28-1.
R7357 (ZH)	Retubr 121 CR Chiller.
R2180 (CL)	Install annubar fittings in 12/14 FCU.
S6367 (CL)	Install hangers.
S7143 (CL)	Install coupon holder - 11/13 FCU.
S6659 (RC)	Install Pressure Spray Valves.
S7726 (CL)	Remove/Reinstall 12 CL Strainer.
S7773 (CL)	Install Coupon in D1.
S8294 (RC)	Install pipe support.
S8033 (RC)	Centerline Mod - Prefab Pipe.
S8794 (CL)	12" CL line to CC.
S9053 (MS)	Refurbish MSIV gasket surface.
S8801 (CL)	Remove alt. Supply from D2.

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Appendix A - List of Examinations by ISO

Pages 1 to 20 Follow.

Page 1 of 1 and attachments

Inservice Inspection Report Log
By ISO
Commercial Service Date: December 16, 1973

04/05/93

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ISO System	Item Item Description	Report Number Exam Date	Method Results	ASME Section XI Item Remarks
ISI- 1A CHARGING LINE 'B'	W- 1 PIPE - BRANCH	92-126 11/05/92	PT NAD	B 9. 21
ISI- 1A CHARGING LINE 'B'	W-R BRANCH	92-127 11/05/92	PT NAD	B 9. 32
ISI- 1B CHARGING LINE 'B'	109 CVCS 1B/J SUPPORT	92-053 10/30/92	VT3 NAD	F-A,B,C
ISI- 1B CHARGING LINE 'B'	RPCH-145/F RIGID RESTRAINT	92-052 10/30/92	VT3 NAD	F-A,B,C
ISI- 1B CHARGING LINE 'B'	RPCH-34/E LATERAL RESTRAINT	92-051 10/30/92	VT3 NAD	F-A,B,C
ISI- 1B CHARGING LINE 'B'	W-20 PIPE - 45° ELBOW	92-104 11/03/92	PT NAD	B 9. 21
ISI- 1B CHARGING LINE 'B'	W-21 45° ELBOW - PIPE	92-105 11/03/92	PT NAD	B 9. 21
ISI- 1C CHARGING LINE 'B'	109 CVCS 1A/K RUPTURE RESTRAINT	92-065R 11/24/92	VT3 NAD	F-A,B,C Exrta Shim; See DRR 92-238.
ISI- 1C CHARGING LINE 'B'	W-29 Pipe - Valve	92-063 10/31/92	PT NAD	B 9. 21
ISI- 1D CHARGING LINE 'B'	W-34 TEE - PIPE	92-064 10/31/92	PT NAD	B 9. 21
ISI- 1E CHARGING LINE 'B'	RCVCH-127B/P RIGID RESTRAINT	92-056 10/30/92	VT3 NAD	F-A,B,C
ISI- 1E CHARGING LINE 'B'	RCVCH-90B/R SPRING HANGER	92-054 10/30/92	VT3 NAD	F-A,B,C
ISI- 1E CHARGING LINE 'B'	W-57 ELBOW - PIPE	92-106 11/03/92	PT NAD	B 9. 21
ISI- 1F CHARGING LINE 'B'	RCVCH-907/S DOUBLE SPRING HANGER	92-055 10/30/92	VT3 NAD	F-A,B,C
ISI- 1F CHARGING LINE 'B'	W-66 45° ELBOW - PIPE	92-107 11/03/92	PT NAD	B 9. 21
ISI- 2 ACCUM. DISCHARGE 'A'	W- 2 PIPE - ELBOW	92-342 11/26/92	PT NAD	B 9. 11
ISI- 2 ACCUM. DISCHARGE 'A'	W- 2 PIPE - ELBOW	92-357 11/27/92	UT45 NAD	B 9. 11
ISI- 2 ACCUM. DISCHARGE 'A'	W-R Nozzle - Pipe	92-341 11/26/92	PT NAD	B 9. 31
ISI- 2 ACCUM. DISCHARGE 'A'	W-R Nozzle - Pipe	92-356 11/27/92	UT45 NAD	B 9. 31 Limited Exam.
ISI- 3A RHR LOOP 'A'	1001B WELDED ATTACHMENT	92-317 11/23/92	PT NAD	B10. 10
ISI- 3A RHR LOOP 'A'	1001C WELDED ATTACHMENT	92-318 11/21/92	PT NAD	B10. 10
ISI- 3A RHR LOOP 'A'	9-RHR-16/A RUPTURE RESTRAINT	92-078 11/02/92	VT3 NAD	F-A,B,C

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ISO System	Item Item Description	Report Number Exam Date	Method Results	ASME Section XI Item Remarks
ISI- 3A RHR LOOP 'A'	9-RHR-1B/E1 RUPTURE RESTRAINT	92-059 10/30/92	VT3 NAD	F-A,B,C
ISI- 3A RHR LOOP 'A'	MV-32164 Valve Bolting	92-089 11/03/92	VT1 NAD	B 7. 70
ISI- 3A RHR LOOP 'A'	RHRRH-32/F HANGER LUGS	92-060 10/30/92	VT3 NAD	F-A,B,C
ISI- 3A RHR LOOP 'A'	W- 1 BRANCH - PIPE	92-280 11/19/92	PT NAD	B 9. 11
ISI- 3A RHR LOOP 'A'	W- 1 BRANCH - PIPE	92-283 11/19/92	UT45 NAD	B 9. 11 Limited Exam.
ISI- 3B RHR LOOP 'A'	9-RHR-5/J1 HANGER	92-066R 11/13/92	VT3 NAD	F-A,B,C Thread Engagement; Re-Work SAT.
ISI- 3B RHR LOOP 'A'	RHRRH-19/H ROD HANGER	92-061R 11/13/92	VT3 NAD	F-A,B,C Thread Engagement; Re-Work SAT.
ISI- 3B RHR LOOP 'A'	W-12 ELBOW - PIPE	92-110 11/03/92	PT NAD	B 9. 11 Limited Exam.
ISI- 3B RHR LOOP 'A'	W-12 ELBOW - PIPE	92-146 11/05/92	UT45 NAD	B 9.11 Limited Exam.
ISI- 3C RHR LOOP 'A'	1009A WELDED ATTACHMENT	92-292 11/20/92	PT NAD	B10. 10
ISI- 3C RHR LOOP 'A'	1009B WELDED ATTACHMENT	92-293 11/20/92	PT NAD	B10. 10
ISI- 3C RHR LOOP 'A'	RHRRH-34/K1 Support	92-068R 11/07/92	VT3 NAD	F-A,B,C
ISI- 4 SIS HIGH HEAD 'A'	W- 1 ELBOW - BRANCH	92-270 11/18/92	PT NAD	B 9. 11
ISI- 4 SIS HIGH HEAD 'A'	W- 1 ELBOW - BRANCH	92-262 11/17/92	UT45 NAD	B 9. 11 Limited Exam.
ISI- 5A SPRAY TO PRESSURIZER	113-RC-11/C1 RUPTURE RESTRAINT	92-142 11/05/92	VT3 NAD	F-A,B,C
ISI- 5A SPRAY TO PRESSURIZER	RCRH-23/A HYDR SNUBBER	92-140 11/05/92	VT3 NAD	F-A,B,C
ISI- 5A SPRAY TO PRESSURIZER	RCRH-23/B HYDR SNUBBER	92-141R 12/14/92	VT3 NAD	F-A,B,C Bolt Bearing; Reworked. DRR-92-238.
ISI- 5A SPRAY TO PRESSURIZER	W-11 PIPE - 45° ELBOW	92-135 11/05/92	PT NAD	B 9. 21
ISI- 5A SPRAY TO PRESSURIZER	W-928 Valve - Pipe	92-272 11/18/92	PT NAD	B 9. 21 PSI.
ISI- 5A SPRAY TO PRESSURIZER	W-929 Pipe - Valve	92-273 11/18/92	PT NAD	B 9. 21
ISI- 5B SPRAY TO PRESSURIZER	RCRH-16/I DOUBLE HYDR SNUBBER	92-143R 11/26/92	VT3 NAD	F-A,B,C Sheared Pin; Re-Work SAT.
ISI- 5B SPRAY TO PRESSURIZER	RCRH-7/J TRAPEZE	92-086 11/02/92	VT3 NAD	F-A,B,C

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ISO System	Item Item Description	Report Number Exam Date	Method Results	ASME Section XI Item Remarks
ISI- 5B SPRAY TO PRESSURIZER	RCRH-8/K CONST. SUPPORT	92-079R 11/26/92	VT3 NAD	F-A,B,C Bottomed; Re-Work SAT.
ISI- 5B SPRAY TO PRESSURIZER	W- 19 PIPE - 45° ELBOW	92-117 11/04/92	PT NAD	B 9. 21
ISI- 5B SPRAY TO PRESSURIZER	W- 20 45° ELBOW - PIPE	92-118 11/04/92	PT NAD	B 9. 21
ISI- 5C SPRAY TO PRESSURIZER	W- 23 45° ELBOW - PIPE	92-119 11/04/92	PT NAD	B 9. 21 Limited Exam.
ISI- 5C SPRAY TO PRESSURIZER	W- 29A S.E. SAFE END	92-120 11/04/92	PT NAD	B 9. 11 UT Not Done.
ISI- 5D SPRAY TO PRESSURIZER	111-RC-10B/D1 RUPTURE RESTRAINT	92-091 11/03/92	VT3 NAD	F-A,B,C
ISI- 5D SPRAY TO PRESSURIZER	CV-31225 Valve Bolting	92-090 11/03/92	VT1 NAD	B 7. 70
ISI- 5D SPRAY TO PRESSURIZER	RCRH-1/B SPRING HANGER	92-113 11/04/92	VT3 NAD	F-A,B,C
ISI- 5D SPRAY TO PRESSURIZER	RCRH-2/C LATERAL RESTRAINT	92-114 11/04/92	VT3 NAD	F-A,B,C
ISI- 5D SPRAY TO PRESSURIZER	W- 1 BRANCH - PIPE	92-145 11/05/92	PT NAD	B 9. 21
ISI- 5D SPRAY TO PRESSURIZER	W-14 PIPE - TEE	92-121 11/04/92	PT NAD	B 9. 21
ISI- 5D SPRAY TO PRESSURIZER	W-R BRANCH	92-144 11/05/92	PT NAD	B 9. 31
ISI- 6 RTD RETURN 'A'	W- 4 PIPE - Valve	92-281 11/19/92	PT NAD	B 9. 21
ISI- 6 RTD RETURN 'A'	W-R Branch - Pipe	92-177R 11/13/92	PT NAD	B 9. 31 Indication; Re-Work SAT.
ISI- 7 RTD TAKE OFF 'A' CLD	W-13 Valve - PIPE	92-350 11/26/92	PT NAD	B 9. 21
ISI- 7 RTD TAKE OFF 'A' CLD	W-22 ELBOW - TEE	92-195 11/11/92	PT NAD	B 9. 40
ISI- 8 RTD TAKE OFF 'A' HOT	RC-1-11 Valve Bolting	92-282 11/19/92	VT1 NAD	B 7. 70
ISI- 8 RTD TAKE OFF 'A' HOT	W-10 PIPE - RTD MANIFOLD	92-345 11/26/92	PT NAD	B 9. 21
ISI- 8 RTD TAKE OFF 'A' HOT	W-15 Valve - PIPE	92-343 11/26/92	PT NAD	B 9. 40 Limited Exam.
ISI- 8 RTD TAKE OFF 'A' HOT	W-15A PIPE - ELBOW	92-344 11/26/92	PT NAD	B 9. 21 Limited Exam.
ISI- 9 SIS HIGH HEAD 'A' C	W- 1A PIPE - PIPE	92-062 10/31/92	PT NAD	B 9. 21
ISI- 9 SIS HIGH HEAD 'A' C	W- 6 Valve - Pipe	92-358 11/30/92	PT NAD	B 9. 40

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ISO System	Item Item Description	Report Number Exam Date	Method Results	ASME Section XI Item Remarks
ISI-10 DRN (ON CROSSOVER) A	RPCH-13/C SPRING HANGER	92-354 11/27/92	VT3 NAD	F-A,B,C
ISI-10 DRN (ON CROSSOVER) A	W- 1 BRANCH - PIPE	92-271 11/23/92	PT NAD	B 9. 40
ISI-10 DRN (ON CROSSOVER) A	W- 4 PIPE - ELBOW	92-324 11/23/92	PT NAD	B 9. 21
ISI-11A SEAL INJ LOOP 'A'	W- 1 FLANGE - PIPE	92-187 11/10/92	PT NAD	B 9. 21
ISI-11B SEAL INJ LOOP 'A'	RCVCH-1479/E1 LATERAL RESTRAINT	92-021 10/27/92	VT3 NAD	F-A,B,C
ISI-11B SEAL INJ LOOP 'A'	RCVCH-903/B LATERAL SUPPORT	92-020 10/27/92	VT3 NAD	F-A,B,C
ISI-11B SEAL INJ LOOP 'A'	W-14 PIPE - ELBOW	92-026 11/06/92	PT NAD	B 9. 21
ISI-11B SEAL INJ LOOP 'A'	W-16A REDUCING TEE - PIPE	92-159 11/06/92	PT NAD	B 9. 21
ISI-11B SEAL INJ LOOP 'A'	W-17 Valve - PIPE	92-024 11/06/92	PT NAD	B 9. 40
ISI-11C SEAL INJ LOOP 'A'	RCVCH-864/L ROD HANGER	92-156 11/06/92	VT3 NAD	F-A,B,C
ISI-11C SEAL INJ LOOP 'A'	RCVCH-866/J ROD HANGER	92-023 10/27/92	VT3 NAD	F-A,B,C
ISI-11C SEAL INJ LOOP 'A'	RCVCH-870/G ROD HANGER	92-022R 11/07/92	VT3 NAD	F-A,B,C Re-Work SAT. See DRR-92-238.
ISI-11C SEAL INJ LOOP 'A'	RCVCH-898/W RIGID HANGER	92-115 11/04/92	VT3 NAD	F-A,B,C
ISI-11C SEAL INJ LOOP 'A'	W-27 ELBOW - PIPE	92-025 11/06/92	PT NAD	B 9. 21
ISI-11D SEAL INJ LOOP 'A'	2076-1 Flange / Pipe	92-390 12/01/92	PT NAD	B 9. 21 PSI. Replacement spool piece.
ISI-11D SEAL INJ LOOP 'A'	Bolts @ 2076-1 Flange Bolts	92-480 12/08/92	VT1 NAD	B 7. 70 PSI
ISI-11D SEAL INJ LOOP 'A'	W-48A FLANGE - PIPE	92-183 11/10/92	PT NAD	B 9. 21
ISI-11D SEAL INJ LOOP 'A'	W-48B PIPE - FLANGE	92-387 12/01/92	PT NAD	B 9. 21 PSI. Replacement spool piece.
ISI-11D SEAL INJ LOOP 'A'	W-49 Valve - PIPE	92-388 12/01/92	PT NAD	B 9. 21 PSI. Replacement spool piece.
ISI-11D SEAL INJ LOOP 'A'	W-50 PIPE - Valve	92-389 12/01/92	PT NAD	B 9. 21 PSI. Replacement spool piece.
ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-11 RC PUMP - PIPE	92-196 11/11/92	PT NAD	B 5. 70
ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-11 RC PUMP - PIPE	92-258 11/16/92	UT45 NAD	B 5. 70

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ISO System	Item Item Description	Report Number Exam Date	Method Results	ASME Section XI Item Remarks
ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-14 PIPE - SAFE END	92-504 12/30/92	PT NAD	B 5. 70
ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-14 S.E. SAFE END - NOZZLE	92-505 12/30/92	PT NAD	B 5. 70
ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-1 SAFE END - PIPE	92-503 12/30/92	PT NAD	B 5. 70
ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-3 PIPE - ELBOW	92-043 10/28/92	PT NAD	B 5. 70
ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-3 PIPE - ELBOW	92-050 10/28/92	UT45 GEO	B 5. 70
ISI-12 S.G REACTOR COOLANT 'A'	A-1 SUPPORT	92-102 11/03/92	VT3 NAD	F-A,B,C
ISI-12 S.G REACTOR COOLANT 'A'	RCC-A-6 ELBOW - PIPE	92-197 11/11/92	PT NAD	B 9. 11
ISI-12 S.G REACTOR COOLANT 'A'	RCC-A-6 ELBOW - PIPE	92-259 11/16/92	UT45 NAD	B 9. 11
ISI-13 R.C REACTOR COOLANT 'B'	RCC-B-12 PIPE - PIPE	92-128 11/05/92	PT NAD	B 9. 11 Limited Exam.
ISI-13 R.C REACTOR COOLANT 'B'	RCC-B-14 S.E. SAFE END - NOZZLE	92-506 12/30/92	PT NAD	B 5. 10
ISI-13 R.V REACTOR COOLANT 'B'	RCC-B-3 PIPE - ELBOW	92-134 11/05/92	PT NAD	B 9. 11
ISI-13 R.V REACTOR COOLANT 'B'	RCC-B-3 PIPE - ELBOW	92-154 11/06/92	UT45 NAD	B 9. 11 Limited Exam.
ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-6 ELBOW - PIPE	92-046 10/29/92	PT NAD	B 9. 11
ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-7 PIPE - ELBOW	92-047 10/29/92	PT NAD	B 9. 11
ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-7 PIPE - ELBOW	92-096 11/02/92	UT45 NAD	B 9. 11
ISI-17 12" ACCUMULATOR DSCH	100-S1S-2/B RUPTURE RESTRAINT	92-074R 11/02/92	VT3 NAD	F-A,B,C Accepted by Evaluation.
ISI-17 12" ACCUMULATOR DSCH	W-11 PIPE - ELBOW	92-359 11/30/92	PT NAD	B 9. 11
ISI-17 12" ACCUMULATOR DSCH	W-11 PIPE - ELBOW	92-265 11/16/92	UT45 NAD	B 9. 11 Limited Exam.
ISI-17 12" ACCUMULATOR DSCH	W-13 Valve - Elbow	92-360 11/30/92	PT NAD	B 9. 11
ISI-17 12" ACCUMULATOR DSCH	W-13 Valve - Elbow	92-264 11/16/92	UT45 NAD	B 9. 11 Limited Exam.
ISI-18 10 RHR RETURN LOOP B	25A WELDED ATTACHMENT	92-361R 12/16/92	PT NAD	B 9. 11 Indications; Re-Work SAT.
ISI-18 10 RHR RETURN LOOP B	25D WELDED ATTACHMENT	92-362R 12/16/92	PT NAD	B10. 10 Indications; Re-Work SAT.

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ISI-18 10 RHR RETURN LOOP B	RHRRH-30/G RUPTURE RESTRAINT	92-075 11/02/92	VT3 NAD	F-A,B,C
ISI-18 10 RHR RETURN LOOP B	RHRRH-9/D DOUBLE SPRING HANGER	92-067R 11/06/92	VT3 NAD	F-A,B,C Loose Bolt; Re-Work SAT.
ISI-18 10 RHR RETURN LOOP B	W- 2 ELBOW - PIPE	92-184 11/10/92	PT NAD	B 9. 11
ISI-18 10 RHR RETURN LOOP B	W- 2 ELBOW - PIPE	92-286 11/20/92	UT45 NAD	B 9. 11
ISI-19A 8" RHR TAKE OFF 'B'	9-RHR-7B/M RUPTURE RESTRAINT	92-077R 11/07/92	VT3 NAD	F-A,B,C Thread Engagement; Re-Work SAT.
ISI-19A 8" RHR TAKE OFF 'B'	9-RHR-7C/N RUPTURE RESTRAINT	92-076 11/02/92	VT3 NAD	F-A,B,C
ISI-19A 8" RHR TAKE OFF 'B'	MV-32231 Valve Bolting	92-098 11/02/92	VT1 NAD	B 7. 70
ISI-19B 8" RHR TAKE OFF 'B'	1032B WELDED ATTACHMENT	92-186 11/10/92	PT NAD	B10. 10 Limited Access.
ISI-19B 8" RHR TAKE OFF 'B'	1032C WELDED ATTACHMENT	92-185 11/10/92	PT NAD	B10. 10 Limited Access.
ISI-19B 8" RHR TAKE OFF 'B'	9-RHR-8A/D RUPTURE RESTRAINT	92-041R 11/20/92	VT3 NAD	F-A,B,C UNSATs; Re-Work SAT
ISI-19B 8" RHR TAKE OFF 'B'	RHRRH-36/H RUPTURE RESTRAINT	92-042 10/28/92	VT3 NAD	F-A,B,C
ISI-19B 8" RHR TAKE OFF 'B'	W- 9 Valve - PIPE	92-045 10/28/92	PT NAD	B 9. 11
ISI-19B 8" RHR TAKE OFF 'B'	W- 9 Valve - PIPE	92-190 11/10/92	UT45 NAD	B 9. 11 Limited Access.
ISI-19B 8" RHR TAKE OFF 'B'	W-10 PIPE - ELBOW	92-044 10/28/92	PT NAD	B 9. 11
ISI-19B 8" RHR TAKE OFF 'B'	W-10 PIPE - ELBOW	92-189 11/10/92	UT45 NAD	B 9. 11 Limited Access.
ISI-20 6" SIS HIGH HEAD 'B'	W- 2 Valve - ELBOW	92-136 11/05/92	PT NAD	B 9. 11
ISI-20 6" SIS HIGH HEAD 'B'	W- 2 Valve - ELBOW	92-285 11/20/92	UT45 NAD	B 9. 11 PSI
ISI-20 6" SIS HIGH HEAD 'B'	W-R BRANCH	92-139 11/05/92	PT NAD	B 9. 11
ISI-20 6" SIS HIGH HEAD 'B'	W-R BRANCH	92-155 11/06/92	UT45 NAD	B 9. 11 Limited Exam.
ISI-21 3" RTD RETURN LOOP B	W- 7 FLANGE - PIPE	92-129 11/05/92	PT NAD	B 9. 11
ISI-21 3" RTD RETURN LOOP B	W-R BRANCH	92-130 11/05/92	PT NAD	B 9. 31
ISI-22 2" RTD TAKEOFF CLD B	W-13 PIPE - ELBOW	92-137 11/05/92	PT NAD	B 9. 21

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ISI-22 2" RTD TAKEOFF CLD B	W-15 PIPE - ELBOW	92-138 11/05/92	PT NAD	B 9. 21
ISI-22 2" RTD TAKEOFF CLD B	W-R Branch - Pipe	92-200 11/11/92	PT NAD	B 9. 31
ISI-23 2" RTD TAKEOFF HOT B	W-14 PIPE - Valve	92-131R1 11/24/92	PT NAD	B 9. 21 Indication; Re-Work SAT.
ISI-23 2" RTD TAKEOFF HOT B	W-21 PIPE - ELBOW	92-132 11/05/92	PT NAD	B 9. 21
ISI-23 2" RTD TAKEOFF HOT B	W-24 ELBOW - REDUCER	92-133 11/05/92	PT NAD	B 9. 21
ISI-24 2" SIS HIGH HEAD 'B'	RSIH-93/C HYDR SNUBBER	92-092 11/03/92	VT3 NAD	F-A,B,C
ISI-24 2" SIS HIGH HEAD 'B'	W- 1 ELBOW - REDUCER	92-325 11/23/92	PT NAD	B 9. 21
ISI-24 2" SIS HIGH HEAD 'B'	W-13 TEE - ELBOW	92-319 11/23/92	PT NAD	B 9. 21
ISI-25 2" CROSSOVER DR 'B'	W- 1 BRANCH - PIPE	92-316 11/23/92	PT NAD	B 9. 21
ISI-25 2" CROSSOVER DR 'B'	W- 8 PIPE - Valve	92-290R 12/08/92	PT NAD	B 9. 21 Linears; Re-Work SAT.
ISI-26 2" CVCS LETDOWN 'B'	LCV-428 Valve Bolting	92-149 11/06/92	VT1 NAD	B 7. 70
ISI-26 2" CVCS LETDOWN 'B'	RPCH-126/D SPRING HANGER	92-151 11/06/92	VT3 NAD	F-A,B,C
ISI-26 2" CVCS LETDOWN 'B'	RPCH-142/H SUPPORT BRACKET	92-152 11/06/92	VT3 NAD	F-A,B,C
ISI-26 2" CVCS LETDOWN 'B'	RPCH-167/C LATERAL RESTRAINT	92-150 11/06/92	VT3 NAD	F-A,B,C
ISI-26 2" CVCS LETDOWN 'B'	W- 5 Valve - PIPE	92-491R 12/16/92	PT NAD	B 9. 21 Linear; Re-Work SAT.
ISI-26 2" CVCS LETDOWN 'B'	W-11 PIPE - ELBOW 45°	92-291 11/20/92	PT NAD	B 9. 21
ISI-27A 2"-1.5" SEAL INJ'B'	4 ORIFICE BLTS BOLTS @ W-3 (4)	92-033R 11/09/92	VT1 NAD	B 7. 50 Leakage; Re-work SAT.
ISI-27A 2"-1.5" SEAL INJ'B'	W- 2A TEE - PIPE	92-256 11/16/92	PT NAD	B 9. 21
ISI-27A 2"-1.5" SEAL INJ'B'	W-12R Valve - Pipe	92-498R 12/28/92	PT NAD	B 9. 21 PSI. Linears; Re-Work SAT.
ISI-27A 2"-1.5" SEAL INJ'B'	W-13 PIPE - Valve	92-029 10/27/92	PT NAD	B 9. 21
ISI-27A 2"-1.5" SEAL INJ'B'	W-13R PIPE - Valve	92-499R 12/28/92	PT NAD	B 9. 21 PSI. Linears; Re-Work SAT.
ISI-27B 2"-1.5" SEAL INJ'B'	RCVCH-924/D TRAPEZE HANGER	92-035 10/27/92	VT3 NAD	F-A,B,C

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ISI-27B 2"-1.5" SEAL INJ'B'	W-18 ELBOW - PIPE	92-030 10/27/92	PT NAD	B 9. 21
ISI-27C 2"-1.5" SEAL INJ'B'	138-CVCS-1A RUPTURE RESTRAINT	92-036 10/27/92	VT3 NAD	F-A,B,C
ISI-27C 2"-1.5" SEAL INJ'B'	RCVCH-1796/F1 RIGID SUPPORT	92-168 11/07/92	VT3 NAD	F-A,B,C
ISI-27C 2"-1.5" SEAL INJ'B'	W-29 ELBOW - PIPE	92-031R 11/06/92	PT NAD	B 9. 21 Moved Clamp for access.
ISI-27C 2"-1.5" SEAL INJ'B'	W-30 REDUCING TEE - ELBOW	92-032 10/27/92	PT NAD	B 9. 21
ISI-23 10" PRESSURIZER SURG	RCRH-43/D SPRING HANGER	92-490R 12/18/92	VT3 NAD	F-A,B,C PSI. Shims; Re-Work SAT.
ISI-29 PRESS SAFETY LINE B	W- 1B (1544) SAFE END - 45° ELBOW	92-171 11/07/92	PT NAD	B 5. 40
ISI-29 PRESS SAFETY LINE B	W- 1B (1544) SAFE END - 45° ELBOW	92-311 11/21/92	UT45 NAD	B 5. 40 Limited Exam.
ISI-29 PRESS SAFETY LINE A	W- 1B (1545) SAFE END - 45° ELBOW	92-170 11/07/92	PT NAD	B 5. 40
ISI-29 PRESS SAFETY LINE A	W- 1B (1545) SAFE END - 45° ELBOW	92-313 11/21/92	UT45 NAD	B 5. 40 Limited Exam.
ISI-29 PRESS SAFETY LINE A	W- 3 (827) 45° ELBOW - PIPE	92-174 11/07/92	PT NAD	B 9. 11
ISI-29 PRESS SAFETY LINE A	W- 3 (827) 45° ELBOW - PIPE	92-314 11/21/92	UT45 NAD	B 9. 11
ISI-29 PRESS SAFETY LINE B	W- 7 (824) PIPE - ELBOW	92-172 11/07/92	PT NAD	B 9. 11
ISI-29 PRESS SAFETY LINE B	W- 7 (824) PIPE - ELBOW	92-312 11/21/92	UT45 NAD	B 9. 11
ISI-30 REACTOR VESSEL SIS B	W- 2 BENT PIPE - SAFE END	92-501 12/29/92	PT NAD	B 5.130
ISI-30 REACTOR VESSEL SIS B	W- 2 BENT PIPE - SAFE END	92-502 12/29/92	UT45 NAD	B 5.130
ISI-30 REACTOR VESSEL SIS B	W- 4 REDUCER - 23° ELBOW	92-173 11/07/92	PT NAD	B 9. 11
ISI-30 REACTOR VESSEL SIS B	W- 4 REDUCER - 23° ELBOW	92-315 11/21/92	UT45 NAD	B 9. 11
ISI-31 PRESSURIZER RELIEF	CV-31231 Valve Bolting	92-099 11/03/92	VT1 NAD	B 7. 50
ISI-31 PRESSURIZER RELIEF	CV-31232 Valve Bolting	92-100 11/03/92	VT1 NAD	B 7. 50
ISI-31 PRESSURIZER RELIEF	W- 1 S.E. NOZZLE - SAFE END	92-175 11/09/92	PT NAD	B 5. 40 UT Not Done.
ISI-31 PRESSURIZER RELIEF	W- 1B SAFE END - 45° ELBOW	92-176 11/09/92	PT NAD	B 9. 21

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ISI-32 AUXILIARY SPRAY	1063 Pipe - Tee	92-275 11/18/92	PT NAD	B 9. 21 PSI
ISI-32 AUXILIARY SPRAY	1064 Tee - Pipe	92-276 11/18/92	PT NAD	B 9. 21 PSI.
ISI-32 AUXILIARY SPRAY	114-CVCS-1/A RUPTURE RESTRAINT	92-103 11/03/92	VT3 NAD	F-A,B,C
ISI-32 AUXILIARY SPRAY	CV-31329 Valve Bolting	92-101 11/03/92	VT1 NAD	B 7. 70
ISI-32 AUXILIARY SPRAY	RPCH-1/G SUPPORT BRACKET	92-158 11/06/92	VT3 NAD	F-A,B,C
ISI-32 AUXILIARY SPRAY	RPCH-7/C&D SPRING HANGER	92-157R 11/14/92	VT3 NAD	F-A,B,C Load Set; Re-Work SAT.
ISI-32 AUXILIARY SPRAY	W- 1 TEE - PIPE	92-297 11/21/92	PT NAD	B 9. 21
ISI-32 AUXILIARY SPRAY	W- 1C PIPE - VALVE	92-296 11/21/92	PT NAD	B 9. 21
ISI-33 LOW HEAD RV INJ 'B'	W- 1 BRANCH	92-302 11/21/92	PT NAD	B 9. 32
ISI-33 LOW HEAD RV INJ 'B'	W- 6 ELBOW - PIPE	92-301 11/21/92	PT NAD	B 9. 21
ISI-33 LOW HEAD RV INJ 'A'	W- 7 (1875) ELBOW - PIPE	92-303 11/21/92	PT NAD	B 9. 21
ISI-33 LOW HEAD RV INJ 'B'	W- 7 (1906) PIPE - ELBOW	92-300 11/21/92	PT NAD	B 9. 21
ISI-33 LOW HEAD RV INJ 'A'	W- 9 (1873) TEE - PIPE	92-298 11/21/92	PT NAD	B 9. 21
ISI-33 LOW HEAD RV INJ 'A'	W-11 (1867) PIPE - TEE	92-299 11/21/92	PT NAD	B 9. 21
ISI-35 RC PUMP 'B' S.H. BLT	UPPER BLTS 1-12 SEAL HOUSING BOLTS	92-161 11/07/92	VT1 NAD	B 7. 60
ISI-38 R.V. CONOSEAL BLTING	MARMON CLAMP MARMON CLAMP	92-289R 12/16/92	VT1 NAD	B 7. 10 Corrosion; Re-Work SAT.
ISI-42 PRESSURIZER SAFETY	MANWAY BLTS 1-16 MANWAY BOLTS	92-288 11/20/92	VT1 NAD	B 7. 20
ISI-43 STEAM GENERATOR #11	INLET 1-16 MANWAY BOLTS	92-239 11/14/92	VT1 NAD	B 7. 30
ISI-43 STEAM GENERATOR #12	INLET 1-16 MANWAY BOLTS	92-240 11/14/92	VT1 NAD	B 7. 30
ISI-43 Steam Generator 11	N1 IR Nozzle Inner Radius	92-087 10/30/92	UT45 GEO	C 2. 22
ISI-43 Steam Generator 12	N1 IR Nozzle Inner Radius	92-088 11/01/92	UT45 GEO	C 2. 22
ISI-43 STEAM GENERATOR #12	OUTLET 1-16 MANWAY BOLTS	92-241 11/14/92	VT1 NAD	B 7. 30

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ISI-43 STEAM GENERATOR #11	OUTLET 1-16 MANWAY BOLTS	92-207R 12/23/92	VT1 NAD	B 7. 30 Gouge, pits; Replaced.
ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	92-346 11/25/92	UT45 IND	C 1. 20 Linears; Accepted by Evaluation.
ISI-43 STEAM GENERATOR #11	W-H TOP HEAD - SHELL	92-246 11/14/92	UT60 IND	C 1. 20 Linear; Accepted by Evaluation.
ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	92-355 11/25/92	UT60 IND	C 1. 20 Linears; Accepted by Evaluation.
ISI-43 STEAM GENERATOR #11	W-H TOP HEAD - SHELL	92-206 11/12/92	UT_0 NAD	C 1. 20 Limited Exam.
ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	92-353 11/25/92	UT_0 NAD	C 1. 20
ISI-51A MAIN STEAM 'A'	MS- 4 ELBOW - PIPE	92-180 11/10/92	MT NAD	B 9. 11 Limited Access.
ISI-51A MAIN STEAM 'A'	MS- 4 ELBOW - PIPE	92-188 11/10/92	UT45 NAD	B 9. 11 Limited Access.
ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-162R 11/12/92	MT NAD	C 5. 20 Linear; Re-Work SAT.
ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-162LS 12/19/92	MT NAD	C 5. 20
ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-163 11/07/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-163LS 12/18/92	UT45 NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS- 11 / LS D Pipe / Pipe HELB	92-495 12/12/92	MT NAD	FSAR Limited Exam.
ISI-51B MAIN STEAM 'A'	MS- 11 / LS D Pipe / Pipe HELB	92-492 12/14/92	UT45 NAD	FSAR Limited Exam.
ISI-51B MAIN STEAM 'A'	MS- 14 / LS U&D PIPE - REDUCING TEE	92-071 10/31/92	MT NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS- 14 / LS U&D PIPE - REDUCING TEE	92-093 11/02/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-51B MAIN STEAM 'A'	MS- 16 / LS U&D 45° ELBOW - PIPE	92-072 10/31/92	MT NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS- 16 / LS U&D 45° ELBOW - PIPE	92-094 11/02/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-51B MAIN STEAM 'A'	MS-149 Valve - REDUCER	92-080 11/02/92	MT NAD	C 5. 11
ISI-51B MAIN STEAM 'A'	MS-150 REDUCER - Valve	92-081 11/02/92	MT NAD	C 5. 11
ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-073 10/31/92	MT NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-073LS 12/19/92	MT NAD	C 5. 20

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ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-108 11/03/92	UT45 NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-108LS 12/19/92	UT45 NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	92-085LS 12/19/92	MT NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	92-109 11/03/92	UT45 NAD	C 5. 20
ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	92-109LS 12/19/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-51C MAIN STEAM 'A'	MS-28 / LS U&D Pipe - Pipe HELB	92-486 12/10/92	MT NAD	FSAR
ISI-51C MAIN STEAM 'A'	MS-28 / LS U&D Pipe - Pipe HELB	92-489 12/10/92	UT45 NAD	FSAR
ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	92-403 12/02/92	MT NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	92-295 11/18/92	UT45 GEO	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	92-420 12/03/92	UT_0 NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-155 PIPE - ELBOW	92-048R 11/09/92	MT NAD	C 5. 21 Indication; Re-Work SAT.
ISI-52A FEEDWATER LOOP 'A'	FW-155 PIPE - ELBOW	92-049 10/29/92	UT45 NAD	C 5. 21
ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	92-400R 12/03/92	MT NAD	C 5. 21 Linears; Re-Work SAT.
ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	92-467 12/04/92	UT45 GEO	C 5. 21 PSI.
ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	92-435 12/02/92	UT_0 NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	92-279 12/02/92	MT NAD	C 5. 31
ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	92-419 12/02/92	UT45 IND	C 5. 31 Linears; Accepted by Evaluation.
ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	92-434 12/02/92	UT_0 NAD	C 5. 31 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	92-401 12/02/92	MT NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	92-412 12/02/92	UT45 NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	92-418 12/02/92	UT_0 NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	92-284 12/02/92	MT NAD	C 5. 21 PSI

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ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	92-466 12/04/92	UT45 GEO	C 5. 21 PSI.
ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	92-436 12/02/92	UT_0 NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	92-402 12/02/92	MT NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	92-257 11/12/92	UT45 NAD	C 5. 21
ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	92-421 12/03/92	UT_0 NAD	C 5. 21 PSI
ISI-52A FEEDWATER LOOP 'A'	FWH-29/QQ WELDED ATTACHMENT	92-097 11/03/92	MT NAD	C 3. 20
ISI-52B FEEDWATER LOOP 'A'	FORCE REST @ 17 FORCE RESTRAINT	92-123R 11/13/92	VT3 NAD	F-A,B,C Bent Post; Re-Work SAT.
ISI-52B FEEDWATER LOOP 'A'	FW-128A WELDED ATTACHMENT	92-328 11/24/92	MT NAD	C 3. 20 Limited Exam.
ISI-52B FEEDWATER LOOP 'A'	FW-128B WELDED ATTACHMENT	92-329 11/24/92	MT NAD	C 3. 20 Limited Exam.
ISI-52B FEEDWATER LOOP 'A'	FW-144 Valve - PIPE HELB	92-338 11/25/92	MT NAD	FSAR
ISI-52B FEEDWATER LOOP 'A'	FW-144 Valve - PIPE HELB	92-347 11/26/92	UT45 NAD	FSAR
ISI-52B FEEDWATER LOOP 'A'	FW-145 PIPE - ELBOW HELB	92-339R 12/08/92	MT NAD	FSAR Linear; Re-Work SAT.
ISI-52B FEEDWATER LOOP 'A'	FW-145 PIPE - ELBOW HELB	92-348 11/26/92	UT45 NAD	FSAR
ISI-52B FEEDWATER LOOP 'A'	FW-221 ELBOW - PIPE HELB	92-340 11/25/92	MT NAD	FSAR
ISI-52B FEEDWATER LOOP 'A'	FW-221 ELBOW - PIPE HELB	92-349 11/26/92	UT45 NAD	FSAR
ISI-52B FEEDWATER LOOP 'A'	FWH-25/M SUPPORT	92-124 11/05/92	VT3 NAD	F-A,B,C
ISI-52B FEEDWATER LOOP 'A'	FWH-26/N SUPPORT	92-323 11/23/92	VT3 NAD	F-A,B,C
ISI-53 RHR SUCTION PUMP 'A'	17 / LS D PIPE - ELBOW	92-473 12/07/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	23 / LS U ELBOW - PIPE	92-468 12/05/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	27 / LS ELBOW - PIPE	92-472 12/07/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	29 / LS RED. TEE - REDUCER	92-481 12/08/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	57 / LS PIPE - ELBOW	92-010 10/21/92	PT NAD	C 5. 10

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ISI-53 RHR SUCTION PUMP 'A'	59 / LS PIPE - ELBOW	92-004 10/20/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	60 / LS ELBOW - PIPE	92-005 10/20/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	71 / LS PIPE - TEE	92-013 10/21/92	PT NAD	C 5. 10
ISI-53 RHR SUCTION PUMP 'A'	75 / LS ELBOW - PIPE	92-012R 11/18/92	PT NAD	C 5. 10 Re-Work SAT.
ISI-53 RHR SUCTION PUMP 'A'	1044 / LS D REDUCER - ELBOW	92-111 11/03/92	PT NAD	C 5. 10
ISI-54 RHR SUCTION PUMP 'A'	9-RHR-12/A RUPTURE RESTRAINT	92-179R 11/09/92	VT3 NAD	F-A,B,C Bolt UNSAT; Accepted by Evaluation.
ISI-54 RHR SUCTION PUMP 'A'	PEN 9 ANCHOR/C ANCHOR	92-178 11/09/92	VT3 NAD	F-A,B,C
ISI-54 RHR SUCTION PUMP 'A'	RHRH-18/I SEISMIC RESTRAINT	92-192R 11/11/92	VT3 NAD	F-A,B,C Thread Engagement; Accepted.
ISI-54 RHR SUCTION PUMP 'A'	RHRH-21/W Welded Attachments	92-006 10/20/92	PT NAD	C 3. 20
ISI-54 RHR SUCTION PUMP 'A'	RHRH-21/W DOUBLE SPRING HANGER	92-009R 11/24/92	VT3 NAD	F-A,B,C See DRR # 92-238.
ISI-54 RHR Pump Section A	RHRH-23/R SPRING HANGER	92-003 10/20/92	VT3 NAD	F-A,B,C
ISI-54 RHR SUCTION PUMP 'A'	RHRH-24/Q ANCHOR	92-008 10/20/92	VT3 NAD	F-A,B,C
ISI-54 RHR SUCTION PUMP 'A'	RHRH-26/N SEISMIC RESTRAINT	92-267 11/18/92	VT3 NAD	F-A,B,C
ISI-54 RHR SUCTION PUMP 'A'	RHRH-27/M SPRING HANGER	92-266 11/18/92	VT3 NAD	F-A,B,C
ISI-54 RHR SUCTION PUMP 'A'	RHRH-42/O DOUBLE SPRING HANGER	92-007R 11/24/92	VT3 NAD	F-A,B,C Accepted by Engineering Evaluation.
ISI-54 RHR SUCTION PUMP 'A'	RHRH-57/F SEISMIC RESTRAINT	92-231 11/14/92	VT3 NAD	F-A,B,C
ISI-55 RHR PUMP "A" DISCH	W- 90 PIPE - ELBOW	92-014R 11/18/92	PT NAD	C 5. 11 Indication; Re-Work SAT.
ISI-55 RHR PUMP "A" DISCH	W- 120 ELBOW - PIPE	92-017 10/23/92	PT NAD	C 5. 11
ISI-55 RHR PUMP "A" DISCH	W- 126 PIPE - FLANGE	92-269 11/18/92	PT NAD	C 5. 11
ISI-55 RHR PUMP "A" DISCH	W- 128 PIPE - ELBOW	92-464 12/04/92	PT NAD	C 5. 11
ISI-55 RHR PUMP "A" DISCH	W- 130 PIPE - 45° ELBOW	92-268 11/18/92	PT NAD	C 5. 11
ISI-55 RHR PUMP "A" DISCH	W- 131 ELBOW - PIPE	92-465 12/04/92	PT NAD	C 5. 11

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ISI-55 RHR PUMP "A" DISCH	W- 235 Elbow - Elbow	92-016 10/23/92	PT NAD	C 5. 11
ISI-55 RHR PUMP "A" DISCH	W- 245 TEE - FLANGE	92-470 12/05/92	PT NAD	C 5. 11 Limited Exam.
ISI-55 RHR PUMP "A" DISCH	W- 246 FLANGE - Valve	92-471 12/05/92	PT NAD	C 5. 11
ISI-56 RHR Pump A Discharge	RHRH-40/D SEISMIC RESTRAINT	92-002 10/20/92	VT3 NAD	F-A,B,C
ISI-56 RHR PUMP "A" DISCH	RHRH-42/F SUPPORT	92-242 11/14/92	VT3 NAD	F-A,B,C
ISI-56 RHR PUMP "A" DISCH	RHRH-45/I DOUBLE SPRING HANGER	92-194 11/11/92	VT3 NAD	F-A,B,C
ISI-56 RHR PUMP "A" DISCH	RHRH-46/J SWAY STRUT	92-193R 12/08/92	VT3 NAD	F-A,B,C Bolts not flush; Re-Work SAT.
ISI-56 RHR PUMP "A" DISCH	SIH-24/N ANCHOR	92-384 12/01/92	VT3 NAD	F-A,B,C
ISI-68A MAINSTEAM 'B'	MS- 63 / LS D NOZZLE - RED. ELBOW	92-027R 11/07/92	MT NAD	C 5. 20 Indications. Re-Work SAT.
ISI-68B MAINSTEAM 'B'	MS-185A PIPE - SWEEPolet	92-148 11/05/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPolet	92-082 11/02/92	MT NAD	C 5. 20
ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPolet	92-082LS 12/19/92	MT NAD	C 5. 20
ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPolet	92-148LS 12/19/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-68B MAINSTEAM 'B'	MS-186B TEE - SWEEPolet	92-083 11/02/92	MT NAD	C 5. 20 Limited Exam.
ISI-68B MAINSTEAM 'B'	MS-186B TEE - SWEEPolet	92-147 11/05/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-68B MAINSTEAM 'B'	MS-186B / LS U TEE - SWEEPolet	92-083LS 12/19/92	MT NAD	C 5. 20
ISI-68B MAINSTEAM 'B'	MS-186B / LS U TEE - SWEEPolet	92-147LS 12/19/92	UT45 NAD	C 5. 20 Limited Exam.
ISI-68B MAINSTEAM 'B'	MSH-48/O HANGER	92-069R 12/08/92	VT3 NAD	F-A,B,C Loose Nut; Re-Work SAT.
ISI-68B MAINSTEAM 'B'	MSH-6B HANGER	92-070 10/31/92	VT3 NAD	F-A,B,C
ISI-68C MAINSTEAM 'B'	MS- B1 / LS D Valve - Pipe HELB	92-487 12/10/92	MT NAD	FSAR
ISI-68C MAINSTEAM 'B'	MS- B1 / LS D Valve - Pipe HELB	92-488 12/10/92	UT45 NAD	FSAR Limited Exam.
ISI-68C Main Steam B	MS- B2 / LS U&D Pipe/Pipe HELB	92-169 11/07/92	MT NAD	FSAR

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ISI-68C Main Steam B	MS- 82 / LS U&D Pipe/Pipe HELB	92-497 12/21/92	MT NAD	FSAR
ISI-68C Main Steam B	MS- 82 / LS U&D Pipe/Pipe HELB	92-182 11/09/92	UT45 NAD	FSAR
ISI-68C Main Steam B	MS- 83 / LS U&D Pipe/Elbow HELB	92-160 11/05/92	MT NAD	FSAR
ISI-68C Main Steam B	MS- 83 / LS U&D Pipe/Elbow HELB	92-181 11/09/92	UT45 NAD	FSAR
ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	92-367 11/30/92	MT NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	92-255 11/11/92	UT45 IND	C 5. 21 Linear IND. Accepted by Evaluation
ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	92-408 11/30/92	UT_0 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	92-368 11/30/92	MT NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	92-410 12/01/92	UT45 GEO	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	92-406 11/30/92	UT_0 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	92-366 11/30/92	MT NAD	C 5. 31 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	92-204 12/01/92	UT45 NAD	C 5. 31 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	92-405 11/30/92	UT_0 NAD	C 5. 31 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	92-365 11/30/92	MT NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	92-411 12/01/92	UT45 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	92-407 11/30/92	UT_0 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-216R Pipe / Reducer	92-364 11/30/92	MT NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-216R Reducer / Nozzle	92-205 12/01/92	UT45 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-216R Pipe / Reducer	92-404 11/30/92	UT_0 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	92-363 11/30/92	MT NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	92-254 11/11/92	UT45 NAD	C 5. 21 PSI.
ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	92-409 11/30/92	UT_0 NAD	C 5. 21 PSI.

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ISI-69B FEEDWATER LOOP 'B'	FW-220 ELBOW - PIPE	92-084 11/02/92	MT NAD	C 5. 21
ISI-69B FEEDWATER LOOP 'B'	FW-220 ELBOW - PIPE	92-122 11/04/92	UT45 NAD	C 5. 21
ISI-73 PRESSURIZER BASE	BASE BLTS 1-24 ANCHOR BOLTS	92-253 11/16/92	VT3 NAD	F-A,B,C
ISI-76 RHR SUCTION 'B'	37 REDUCER - RED. TEE	92-305 11/21/92	PT NAD	C 5. 10 Long Seam by Procedure.
ISI-76 RHR SUCTION 'B'	42 / LS U PIPE - TEE	92-310R 12/08/92	PT NAD	C 5. 10 Linears; Re-Work SAT.
ISI-76 RHR SUCTION 'B'	45 / LS U PIPE - ELBOW	92-306 11/21/92	PT NAD	C 5. 10
ISI-77 RHR SUCTION 'B'	RHRH-11/D DOUBLE SPRING HANGER	92-247 11/14/92	VT3 NAD	F-A,B,C
ISI-77 RHR SUCTION 'B'	RHRH-12/E SUPPORT	92-243 11/14/92	VT3 NAD	F-A,B,C
ISI-78 RHR PUMP 'B' DISCH	SI-109 REDUCING TEE - ELBOW	92-304 11/21/92	PT NAD	C 5. 10
ISI-78 RHR PUMP 'B' DISCH	SI-129 ELBOW - PIPE	92-413 12/02/92	PT NAD	C 5. 11
ISI-78 RHR PUMP 'B' DISCH	W- 1 PEN #10 - PIPE - ELL	92-320 11/23/92	PT NAD	C 5. 11
ISI-78 RHR PUMP 'B' DISCH	W- 24 TEE - Valve	92-057 10/30/92	PT NAD	C 5. 10
ISI-78 RHR PUMP 'B' DISCH	W-138 TEE- PIPE	92-307R 12/08/92	PT NAD	C 5. 11 Undercut; Re-Work SAT.
ISI-78 RHR PUMP 'B' DISCH	W-172 Pipe / Elbow	92-019R 12/09/92	PT NAD	C 5. 10 Indication: Re-Work SAT.
ISI-78 RHR PUMP 'B' DISCH	W-177 / LS U ELBOW - PIPE	92-469R 12/07/92	PT NAD	C 5. 10 Linear; Re-Work SAT.
ISI-78 RHR PUMP 'B' DISCH	W-193 / LS U ELBOW - PIPE	92-309R 12/08/92	PT NAD	C 5. 10 Undercut; Re-Work SAT.
ISI-78 RHR PUMP 'B' DISCH	W-222 / LS U ELBOW - PIPE	92-351 11/27/92	PT NAD	C 5. 10
ISI-78 RHR PUMP 'B' DISCH	W-243 TEE - FLANGE	92-308 11/21/92	PT NAD	C 5. 11 Limited Exam.
ISI-79 RHR PUMP 'B' DISCH	RHRH-28/B SPRING BASE	92-248 11/14/92	VT3 NAD	F-A,B,C
ISI-79 RHR PUMP 'B' DISCH	RHRH-29/D SPRING HANGER	92-244 11/14/92	VT3 NAD	F-A,B,C
ISI-79 RHR PUMP 'B' DISCH	RHRH-55/V SWAY STRUT ASSY	92-245 11/14/92	VT3 NAD	F-A,B,C
ISI-79 RHR PUMP 'B' DISCH	RHRH-56/Q SEISMIC RESTRAINT	92-038 10/23/92	VT3 NAD	F-A,B,C

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ISI-79 RHR PUMP 'B' DISCH	RHRH-62/S ANCHOR	92-203 11/12/92	VT3 NAD	F-A,B,C
ISI-79 RHR PUMP 'B' DISCH	RHRH-64/C SWAY STRUT	92-422 12/03/92	VT3 NAD	F-A,B,C
ISI-79 RHR PUMP 'B' DISCH	RHRH-68/O SEISMIC RESTRAINT	92-037R 11/09/92	VT3 NAD	F-A,B,C Loose Nuts; Re-Work SAT.
ISI-79 RHR PUMP 'B' DISCH	SIH-16/J SEISMIC RESTRAINT	92-386 12/01/92	VT3 NAD	F-A,B,C
ISI-79 RHR PUMP 'B' DISCH	SIH-17/I HANGER	92-385 12/01/92	VT3 NAD	F-A,B,C
ISI-80 R.W.S.T.D.	179 / LS ELBOW - ELBOW	92-414 12/02/92	PT NAD	C 5. 10
ISI-80 R.W.S.T.D.	183 / LS D RED. TEE - PIPE	92-416 12/02/92	PT NAD	C 5. 10
ISI-80 R.W.S.T.D.	184 / LS D RED. TEE - PIPE	92-417 12/02/92	PT NAD	C 5. 10
ISI-80 R.W.S.T.D.	187 Valve - TEE	92-391 12/01/92	PT NAD	C 5. 10
ISI-80 R.W.S.T.D.	201 / LS PIPE - ELBOW	92-011 10/21/92	PT NAD	C 5. 10 Limited Exam.
ISI-80 R.W.S.T.D.	202 / LS ELBOW - REDUCING TEE	92-015 10/21/92	PT NAD	C 5. 10
ISI-80 R.W.S.T.D.	213 / LS U ELBOW - Valve	92-352 11/27/92	PT NAD	C 5. 10
ISI-80 R.W.S.T.D.	255 / LS UD PIPE - PIPE	92-415 12/02/92	PT NAD	C 5. 10
ISI-82 S.I. PUMP SUCTION	101 RED. TEE - PIPE	92-392 12/01/92	PT NAD	C 5. 10
ISI-82 S.I. PUMP SUCTION	102 PIPE - TEE	92-393R 12/03/92	PT NAD	C 5. 10 Indication; Re-Work SAT.
ISI-82 S.I. PUMP SUCTION	SIH-11/D RIGID SUPPORT	92-001R 10/23/92	VT3 NAD	F-A,B,C Loose Nut; Re-work SAT.
ISI-82 S.I. PUMP SUCTION	SIH-93/I RIGID SUPPORT	92-199R 11/11/92	VT3 NAD	F-A,B,C Bent Rod; Accepted.
ISI-83 S.I. PUMP SUCTION	12 ELBOW - TEE	92-398 12/01/92	PT NAD	C 5. 10
ISI-83 S.I. PUMP SUCTION	15 PIPE - ELBOW	92-396 12/01/92	PT NAD	C 5. 10
ISI-83 S.I. PUMP SUCTION	17W FLANGE - PIPE	92-397 12/01/92	PT NAD	C 5. 10
ISI-83 S.I. PUMP SUCTION	138 PIPE - ELBOW	92-394 12/01/92	PT NAD	C 5. 10
ISI-83 S.I. PUMP SUCTION	141W PIPE - S.I. PUMP #12	92-395 12/01/92	PT NAD	C 5. 11

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ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT A S.I. PUMP #11 SUPP	92-164 11/07/92	VT3 NAD	F-A,B,C
ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT B S.I. PUMP #11 SUPP	92-165 11/07/92	VT3 NAD	F-A,B,C
ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT C S.I. PUMP #11 SUPP	92-166 11/07/92	VT3 NAD	F-A,B,C
ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT D S.I. PUMP #11 SUPP	92-167 11/07/92	VT3 NAD	F-A,B,C
ISI-84 S.I. PUMP SUCTION	SIH-80/U RIGID HANGER	92-201 11/12/92	VT3 NAD	F-A,B,C
ISI-84 S.I. PUMP SUCTION	SIH-83/R RIGID HANGER	92-212 11/13/92	VT3 NAD	F-A,B,C
ISI-84 S.I. PUMP SUCTION	SIH-86/O RESTRAINT	92-213 11/13/92	VT3 NAD	F-A,B,C
ISI-84 S.I. PUMP SUCTION	SIH-88/M RESTRAINT	92-214 11/13/92	VT3 NAD	F-A,B,C
ISI-84 S.I. PUMP SUCTION	SIH-89/L RESTRAINT	92-202 11/12/92	VT3 NAD	F-A,B,C
ISI-85 ACC ACCUMULATOR DISCH	W-1317 Valve - PIPE	92-321 11/21/92	PT NAD	C 5. 21
ISI-85 ACC ACCUMULATOR DISCH	W-1317 Valve - PIPE	92-263 11/16/92	UT45 NAD	C 5. 21 Limited Exam
ISI-88 CONT. SUMP 'B' DISCH	211A WELDED ATTACHMENT	92-330 11/24/92	PT NAD	C 3. 20 Limited Exam.
ISI-88 CONT. SUMP 'B' DISCH	215A WELDED ATTACHMENT	92-332 11/24/92	PT NAD	C 3. 20 Limited Exam.
ISI-88 CONT. SUMP 'B' DISCH	RHRH-9/D ANCHOR	92-333 11/24/92	VT3 NAD	F-A,B,C Limited Exam.
ISI-88 CONT. SUMP 'B' DISCH	RHRH-10/A ANCHOR	92-331 11/24/92	VT3 NAD	F-A,B,C Limited Exam.
ISI-90 R. V. SAFETY INJ.	RHRRH-2/F SEISMIC SUPPORT	92-224 11/13/92	VT3 NAD	F-A,B,C
ISI-90 R. V. SAFETY INJ.	RHRRH-4/H SPRING HANGER	92-225R 11/24/92	VT3 NAD	F-A,B,C See DRR # 92-238. Thrd Engage; Acc.
ISI-90 R. V. SAFETY INJ.	RHRRH-7/I SWAY STRUT	92-226R 11/26/92	VT3 NAD	F-A,B,C Loose Bolt; Re-Work SAT.
ISI-90 R. V. SAFETY INJ.	SIRH-9/D HYDR SNUBBER	92-223 11/13/92	VT3 NAD	F-A,B,C
ISI-91 ALT CONT SP SUCTION	229 ELBOW - PIPE	92-482 12/09/92	PT NAD	C 5. 11
ISI-91 ALT CONT SP SUCTION	230 ELBOW - PIPE	92-485 12/09/92	PT NAD	C 5. 11
ISI-91 ALT CONT SP SUCTION	269 FLANGE - PIPE	92-483 12/09/92	PT NAD	C 5. 11

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ISI-91 ALT CONT SP SUCTION	270 FLANGE - PIPE	92-484 12/09/92	PT NAD	C 5. 11
ISI-92 ALT CONT SP SUCTION	CSH-21/D SPRING HANGER	92-039 10/23/92	VT3 NAD	F., B, C
ISI-92 ALT CONT SP SUCTION	SIH-21/A ANCHOR	92-018 10/23/92	VT3 NAD	F-A, B, C
NQ-159005 RCS Draindown Loop A	A- 1 Tee - Pipe	92-234 11/14/92	PT NAD	B 9. 21
NQ-159005 RCS Draindown Loop A	A- 2 Pipe - Elbow	92-235 11/14/92	PT NAD	B 9. 21
NQ-159005 RCS Draindown Loop A	A- 3 Elbow - Pipe	92-236 11/14/92	PT NAD	B 9. 21
NQ-159005 RCS Draindown Loop A	A- 4 Pipe - Valve	92-237 11/14/92	PT NAD	B 9. 21
NQ-159005 RCS Draindown Loop A	A- 5 Valve - Pipe	92-238 11/14/92	PT NAD	B 9. 21
NQ-159005 RCS Draindown Loop A	A- 6 Pipe - Valve	92-274 11/18/92	PT NAD	B 9. 21
NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	92-334 11/18/92	PT NAD	B 9. 11 PSI.
NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	92-277 11/18/92	UT45 NAD	B 9. 11 PSI. Limited Exam.
NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	92-278 11/18/92	UT_0 NAD	B 9. 11 PSI.
NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	92-215 11/13/92	PT NAD	B 9. 11 PSI.
NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	92-232 11/14/92	UT45 NAD	B 9. 11 PSI.
NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	92-233 11/14/92	UT_0 NAD	B 9. 11 PSI.
NQ-159008 RCS Draindown Loop A	A- 3 Reducer - Elbow	92-216 11/13/92	PT NAD	B 9. 21 PSI.
NQ-159008 RCS Draindown Loop A	A- 4 Elbow - Pipe	92-217 11/13/92	PT NAD	B 9. 21 PSI.
NQ-159008 RCS Draindown Loop A	A- 5 Pipe - Elbow	92-218 11/13/92	PT NAD	B 9. 21 PSI.
NQ-159008 RCS Draindown Loop A	A- 6 Elbow - Pipe	92-219 11/13/92	PT NAD	B 9. 21 PSI.
NQ-159008 RCS Draindown Loop A	A- 7 Pipe - Valve	92-220 11/13/92	PT NAD	B 9. 21 PSI.
NQ-159008 RCS Draindown Loop A	A- 8 Valve - Pipe	92-221 11/13/92	PT NAD	B 9. 21 PSI.
NQ-159008 RCS Draindown Loop A	A- 9 Pipe - Valve	92-222 11/13/92	PT NAD	B 9. 21 PSI.

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Welch, MN 55089

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Minneapolis, MN 55401

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XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	92-322 11/23/92	MT NAD	FSAR
XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	92-326 11/23/92	UT45 NAD	FSAR
XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	92-327 11/23/92	UT_0 NAD	FSAR
XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	92-391 11/01/92	MT NAD	FSAR
XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	92-260 11/17/92	UT45 NAD	FSAR
XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	92-261 11/17/92	UT_0 NAD	FSAR
XH-106-241 Main Steam A	MS- 38 / LS UD Elbow / Pipe HELB	92-383 12/01/92	MT NAD	FSAR
XH-106-241 Main Steam A	MS- 38 / LS UD Elbow / Pipe HELB	92-474 12/07/92	UT45 NAD	FSAR
XH-106-241 Main Steam B	MS-107 / LS U Pipe/Stop Valve HELB	92-496 12/21/92	MT NAD	FSAR
XH-106-241 Main Steam B	MS-107 / LS U Pipe/Stop Valve HELB	92-500 12/21/92	UT45 NAD	FSAR

NORTHERN STATES POWER
PRAIRIE ISLAND UNIT 1

ISI SUMMARY REPORT
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Appendix B - List of Examinations by ASME XI Item No.

Pages 1 to 20 Follow.

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ASME Section XI Item Remarks	ISO System	Item Item Description	Report Number Exam Date	Method Results
B 5. 10	ISI-13 R.C REACTOR COOLANT 'B'	RCC-B-14 S.E. SAFE END - NOZZLE	92-506 12/30/92	PT NAD
B 5. 40	ISI-29 PRESS SAFETY LINE A	W- 1B (1545) SAFE END - 45° ELBOW	92-170 11/07/92	PT NAD
B 5. 40	ISI-29 PRESS SAFETY LINE B	W- 1B (1544) SAFE END - 45° ELBOW	92-171 11/07/92	PT NAD
B 5. 40 UT Not Done.	ISI-31 PRESSURIZER RELIEF	W- 1 S.E. NOZZLE - SAFE END	92-175 11/09/92	PT NAD
B 5. 40 Limited Exam.	ISI-29 PRESS SAFETY LINE B	W- 1B (1544) SAFE END - 45° ELBOW	92-311 11/21/92	UT45 NAD
B 5. 40 Limited Exam.	ISI-29 PRESS SAFETY LINE A	W- 1B (1545) SAFE END - 45° ELBOW	92-313 11/21/92	UT45 NAD
B 5. 70	ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-3 PIPE - ELBOW	92-043 10/28/92	PT NAD
B 5. 70	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-11 RC PUMP - PIPE	92-196 11/11/92	PT NAD
B 5. 70	ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-1 SAFE END - PIPE	92-503 12/30/92	PT NAD
B 5. 70	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-14 PIPE - SAFE END	92-504 12/30/92	PT NAD
B 5. 70	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-14 S.E. SAFE END - NOZZLE	92-505 12/30/92	PT NAD
B 5. 70	ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-3 PIPE - ELBOW	92-050 10/28/92	UT45 GEO
B 5. 70	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-11 RC PUMP - PIPE	92-258 11/16/92	UT45 NAD
B 5.130	ISI-30 REACTOR VESSEL SIS B	W- 2 BENT PIPE - SAFE END	92-501 12/29/92	PT NAD
B 5.130	ISI-30 REACTOR VESSEL SIS B	W- 2 BENT PIPE - SAFE END	92-502 12/29/92	UT45 NAD
B 7. 10 Corrosion; Re-Work SAT.	ISI-38 R.V. CONOSEAL BLTING	MARMON CLAMP MARMON CLAMP	92-289R 12/16/92	VT1 NAD
B 7. 20	ISI-42 PRESSURIZER SAFETY	MANWAY BLTS 1-16 MANWAY BOLTS	92-288 11/20/92	VT1 NAD
B 7. 30	ISI-43 STEAM GENERATOR #11	INLET 1-16 MANWAY BOLTS	92-239 11/14/92	VT1 NAD
B 7. 30	ISI-43 STEAM GENERATOR #12	INLET 1-16 MANWAY BOLTS	92-240 11/14/92	VT1 NAD
B 7. 30	ISI-43 STEAM GENERATOR #12	OUTLET 1-16 MANWAY BOLTS	92-241 11/14/92	VT1 NAD
B 7. 30 Gouge, pits; Replaced.	ISI-43 STEAM GENERATOR #11	OUTLET 1-16 MANWAY BOLTS	92-207R 12/23/92	VT1 NAD
B 7. 50	ISI-31 PRESSURIZER RELIEF	CV-31231 Valve Bolting	92-099 11/03/92	VT1 NAD

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B 7. 50	ISI-31 PRESSURIZER RELIEF	CV-31232 Valve Bolting	92-100 11/03/92	VT1 NAD
B 7. 50 Leakage; Re-work SAT.	ISI-27A 2"-1.5" SEAL INJ 'B'	4 ORIFICE BLTS BOLTS @ W-3 (4)	92-033R 11/09/92	VT1 NAD
B 7. 60	ISI-35 RC PUMP 'B' S.H. BLT	UPPER BLTS 1-12 SEAL HOUSING BOLTS	92-161 11/07/92	VT1 NAD
B 7. 70	ISI- 3A RHR LOOP 'A'	MV-32164 Valve Bolting	92-089 11/03/92	VT1 NAD
B 7. 70	ISI- 5D SPRAY TO PRESSURIZER	CV-31225 Valve Bolting	92-090 11/03/92	VT1 NAD
B 7. 70	ISI-19A 8" RHR TAKE OFF 'B'	MV-32231 Valve Bolting	92-098 11/02/92	VT1 NAD
B 7. 70	ISI-32 AUXILIARY SPRAY	CV-31329 Valve Bolting	92-101 11/03/92	VT1 NAD
B 7. 70	ISI-26 2" CVCS LETDOWN 'B'	LCV-428 Valve Bolting	92-149 11/06/92	VT1 NAD
B 7. 70	ISI- 8 RTD TAKE OFF 'A' HOT	RC-1-11 Valve Bolting	92-282 11/19/92	VT1 NAD
B 7. 70 PSI	ISI-11D SEAL INJ LOOP 'A'	Bolts @ 2076-1 Flange Bolts	92-480 12/08/92	VT1 NAD
B 9. 11 Limited Access.	ISI-51A MAIN STEAM 'A'	MS- 4 ELBOW - PIPE	92-180 11/10/92	MT NAD
B 9. 11	ISI-19B 8" RHR TAKE OFF 'B'	W-10 PIPE - ELBOW	92-044 10/28/92	PT NAD
B 9. 11	ISI-19B 8" RHR TAKE OFF 'B'	W- 9 Valve - PIPE	92-045 10/28/92	PT NAD
B 9. 11	ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-6 ELBOW - PIPE	92-046 10/29/92	PT NAD
B 9. 11	ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-7 PIPE - ELBOW	92-047 10/29/92	PT NAD
B 9. 11 Limited Exam.	ISI- 3B RHR LOOP 'A'	W-12 ELBOW - PIPE	92-110 11/03/92	PT NAD
B 9. 11 UT Not Done.	ISI- 5C SPRAY TO PRESSURIZER	W- 29A S.E. SAFE END	92-120 11/04/92	PT NAD
B 9. 11 Limited Exam.	ISI-13 R.C REACTOR COOLANT 'B'	RCC-B-12 PIPE - PIPE	92-128 11/05/92	PT NAD
B 9. 11	ISI-21 3" RTD RETURN LOOP B	W- 7 FLANGE - PIPE	92-129 11/05/92	PT NAD
B 9. 11	ISI-13 R.V REACTOR COOLANT 'B'	RCC-B-3 PIPE - ELBOW	92-134 11/05/92	PT NAD
B 9. 11	ISI-20 6" SIS HIGH HEAD 'B'	W- 2 Valve - ELBOW	92-136 11/05/92	PT NAD
B 9. 11	ISI-20 6" SIS HIGH HEAD 'B'	W-R BRANCH	92-139 11/05/92	PT NAD

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B 9. 11	ISI-29 PRESS SAFETY LINE B	W- 7 (824) PIPE - ELBOW	92-172 11/07/92	PT NAD
B 9. 11	ISI-30 REACTOR VESSEL SIS B	W- 4 REDUCER - 23° ELBOW	92-173 11/07/92	PT NAD
B 9. 11	ISI-29 PRESS SAFETY LINE A	W- 3 (827) 45° ELBOW - PIPE	92-174 11/07/92	PT NAD
B 9. 11	ISI-18 10 RHR RETURN LOOP B	W- 2 ELBOW - PIPE	92-184 11/10/92	PT NAD
B 9. 11	ISI-12 S.G REACTOR COOLANT 'A'	RCC-A-6 ELBOW - PIPE	92-197 11/11/92	PT NAD
B 9. 11 PSI.	NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	92-215 11/13/92	PT NAD
B 9. 11	ISI- 4 SIS HIGH HEAD 'A'	W- 1 ELBOW - BRANCH	92-270 11/18/92	PT NAD
B 9. 11	ISI- 3A RHR LOOP 'A'	W- 1 BRANCH - PIPE	92-280 11/19/92	PT NAD
B 9. 11 PSI.	NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	92-334 11/18/92	PT NAD
B 9. 11	ISI- 2 ACCUM. DISCHARGE 'A'	W- 2 PIPE - ELBOW	92-342 11/26/92	PT NAD
B 9. 11	ISI-17 12" ACCUMULATOR DSCH	W-11 PIPE - ELBOW	92-359 11/30/92	PT NAD
B 9. 11	ISI-17 12" ACCUMULATOR DSCH	W-13 Valve - Elbow	92-360 11/30/92	PT NAD
B 9. 11 Indications; Re-Work SAT.	ISI-18 10 RHR RETURN LOOP B	25A WELDED ATTACHMENT	92-361R 12/16/92	PT NAD
B 9. 11	ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-7 PIPE - ELBOW	92-096 11/02/92	UT45 NAD
B 9. 11 Limited Exam.	ISI-13 R.V REACTOR COOLANT 'B'	RCC-B-3 PIPE - ELBOW	92-154 11/06/92	UT45 NAD
B 9. 11 Limited Exam.	ISI-20 6" SIS HIGH HEAD 'B'	W-R BRANCH	92-155 11/06/92	UT45 NAD
B 9. 11 Limited Access.	ISI-51A MAIN STEAM 'A'	MS- 4 ELBOW - PIPE	92-188 11/10/92	UT45 NAD
B 9. 11 Limited Access.	ISI-19B 8" RHR TAKE OFF 'B'	W-10 PIPE - ELBOW	92-189 11/10/92	UT45 NAD
B 9. 11 Limited Access.	ISI-19B 8" RHR TAKE OFF 'B'	W- 9 Valve - PIPE	92-190 11/10/92	UT45 NAD
B 9. 11 PSI.	NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	92-232 11/14/92	UT45 NAD
B 9. 11	ISI-12 S.G REACTOR COOLANT 'A'	RCC-A-6 ELBOW - PIPE	92-259 11/16/92	UT45 NAD
B 9. 11 Limited Exam.	ISI- 4 SIS HIGH HEAD 'A'	W- 1 ELBOW - BRANCH	92-262 11/17/92	UT45 NAD

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B 9. 11 Limited Exam.	ISI-17 12" ACCUMULATOR DSCH	W-13 Valve - Elbow	92-264 11/16/92	UT45 NAD
B 9. 11 Limited Exam.	ISI-17 12" ACCUMULATOR DSCH	W-11 PIPE - ELBOW	92-265 11/16/92	UT45 NAD
B 9. 11 PSI. Limited Exam.	NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	92-277 11/18/92	UT45 NAD
B 9. 11 Limited Exam.	ISI- 3A RHR LOOP 'A'	W- 1 BRANCH - PIPE	92-283 11/19/92	UT45 NAD
B 9. 11 PSI	ISI-20 6" SIS HIGH HEAD 'B'	W- 2 Valve - ELBOW	92-285 11/20/92	UT45 NAD
B 9. 11	ISI-18 10 RHR RETURN LOOP B	W- 2 ELBOW - PIPE	92-286 11/20/92	UT45 NAD
B 9. 11	ISI-29 PRESS SAFETY LINE B	W- 7 (B24) PIPE - ELBOW	92-312 11/21/92	UT45 NAD
B 9. 11	ISI-29 PRESS SAFETY LINE A	W- 3 (B27) 45° ELBOW - PIPE	92-314 11/21/92	UT45 NAD
B 9. 11	ISI-30 REACTOR VESSEL SIS B	W- 4 REDUCER - 23° ELBOW	92-315 11/21/92	UT45 NAD
B 9. 11	ISI- 2 ACCUM. DISCHARGE 'A'	W- 2 PIPE - ELBOW	92-357 11/27/92	UT45 NAD
B 9. 11 PSI.	NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	92-233 11/14/92	UT 0 NAD
B 9. 11 PSI.	NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	92-278 11/18/92	UT 0 NAD
B 9. 21	ISI-11C SEAL INJ LOOP 'A'	W-27 ELBOW - PIPE	92-025 11/06/92	PT NAD
B 9. 21	ISI-11B SEAL INJ LOOP 'A'	W-14 PIPE - ELBOW	92-026 11/06/92	PT NAD
B 9. 21	ISI-27A 2"-1.5" SEAL INJ 'B'	W-13 PIPE - Valve	92-029 10/27/92	PT NAD
B 9. 21	ISI-27B 2"-1.5" SEAL INJ 'B'	W-18 ELBOW - PIPE	92-030 10/27/92	PT NAD
B 9. 21	ISI-27C 2"-1.5" SEAL INJ 'B'	W-30 REDUCING TEE - ELBOW	92-032 10/27/92	PT NAD
B 9. 21	ISI- 9 SIS HIGH HEAD 'A' C	W- 1A PIPE - PIPE	92-062 10/31/92	PT NAD
B 9. 21	ISI- 1C CHARGING LINE 'B'	W-29 Pipe - Valve	92-063 10/31/92	PT NAD
B 9. 21	ISI- 1D CHARGING LINE 'B'	W-34 TEE - PIPE	92-064 10/31/92	PT NAD
B 9. 21	ISI- 1B CHARGING LINE 'B'	W-20 PIPE - 45° ELBOW	92-104 11/03/92	PT NAD
B 9. 21	ISI- 1B CHARGING LINE 'B'	W-21 45° ELBOW - PIPE	92-105 11/03/92	PT NAD

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B 9. 21	ISI- 1E CHARGING LINE 'B'	W-57 ELBOW - PIPE	92-106 11/03/92	PT NAD
B 9. 21	ISI- 1F CHARGING LINE 'B'	W-66 45° ELBOW - PIPE	92-107 11/03/92	PT NAD
B 9. 21	ISI- 5B SPRAY TO PRESSURIZER	W- 19 PIPE - 45° ELBOW	92-117 11/04/92	PT NAD
B 9. 21	ISI- 5B SPRAY TO PRESSURIZER	W- 20 45° ELBOW - PIPE	92-118 11/04/92	PT NAD
B 9. 21 Limited Exam.	ISI- 5C SPRAY TO PRESSURIZER	W- 23 45° ELBOW - PIPE	92-119 11/04/92	PT NAD
B 9. 21	ISI- 5D SPRAY TO PRESSURIZER	W-14 PIPE - TEE	92-121 11/04/92	PT NAD
B 9. 21	ISI- 1A CHARGING LINE 'B'	W- 1 PIPE - BRANCH	92-126 11/05/92	PT NAD
B 9. 21	ISI-23 2" RTD TAKEOFF HOT B	W-21 PIPE - ELBOW	92-132 11/05/92	PT NAD
B 9. 21	ISI-23 2" RTD TAKEOFF HOT B	W-24 ELBOW - REDUCER	92-133 11/05/92	PT NAD
B 9. 21	ISI- 5A SPRAY TO PRESSURIZER	W-11 PIPE - 45° ELBOW	92-135 11/05/92	PT NAD
B 9. 21	ISI-22 2" RTD TAKEOFF CLD B	W-13 PIPE - ELBOW	92-137 11/05/92	PT NAD
B 9. 21	ISI-22 2" RTD TAKEOFF CLD B	W-15 PIPE - ELBOW	92-138 11/05/92	PT NAD
B 9. 21	ISI- 5D SPRAY TO PRESSURIZER	W- 1 BRANCH - PIPE	92-145 11/05/92	PT NAD
B 9. 21 Moved Clamp for access.	ISI-27C 2"-1.5" SEAL INJ 'B'	W-29 ELBOW - PIPE	92-031R 11/06/92	PT NAD
B 9. 21	ISI-11B SEAL INJ LOOP 'A'	W-16A REDUCING TEE - PIPE	92-159 11/06/92	PT NAD
B 9. 21	ISI-31 PRESSURIZER RELIEF	W- 1B SAFE END - 45° ELBOW	92-176 11/09/92	PT NAD
B 9. 21	ISI-11D SEAL INJ LOOP 'A'	W-48A FLANGE - PIPE	92-183 11/10/92	PT NAD
B 9. 21	ISI-11A SEAL INJ LOOP 'A'	W- 1 FLANGE - PIPE	92-187 11/10/92	PT NAD
B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 3 Reducer - Elbow	92-216 11/13/92	PT NAD
B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 4 Elbow - Pipe	92-217 11/13/92	PT NAD
B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 5 Pipe - Elbow	92-218 11/13/92	PT NAD
B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 6 Elbow - Pipe	92-219 11/13/92	PT NAD

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B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 7 Pipe - Valve	92-220 11/13/92	PT NAD
B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 8 Valve - Pipe	92-221 11/13/92	PT NAD
B 9. 21 PSI.	NQ-159008 RCS Draindown Loop A	A- 9 Pipe - Valve	92-222 11/13/92	PT NAD
B 9. 21	NQ-159005 RCS Draindown Loop A	A- 1 Tee - Pipe	92-234 11/14/92	PT NAD
B 9. 21	NQ-159005 RCS Draindown Loop A	A- 2 Pipe - Elbow	92-235 11/14/92	PT NAD
B 9. 21	NQ-159005 RCS Draindown Loop A	A- 3 Elbow - Pipe	92-236 11/14/92	PT NAD
B 9. 21	NQ-159005 RCS Draindown Loop A	A- 4 Pipe - Valve	92-237 11/14/92	PT NAD
B 9. 21	NQ-159005 RCS Draindown Loop A	A- 5 Valve - Pipe	92-238 11/14/92	PT NAD
B 9. 21	ISI-27A 2"-1.5" SEAL INJ 'B'	W- 2A TEE - PIPE	92-256 11/16/92	PT NAD
B 9. 21 PSI.	ISI- 5A SPRAY TO PRESSURIZER	W-928 Valve - Pipe	92-272 11/18/92	PT NAD
B 9. 21	ISI- 5A SPRAY TO PRESSURIZER	W-929 Pipe - Valve	92-273 11/18/92	PT NAD
B 9. 21	NQ-159005 RCS Draindown Loop A	A- 6 Pipe - Valve	92-274 11/18/92	PT NAD
B 9. 21 PSI.	ISI-32 AUXILIARY SPRAY	1063 Pipe - Tee	92-275 11/18/92	PT NAD
B 9. 21 PSI.	ISI-32 AUXILIARY SPRAY	1064 Tee - Pipe	92-276 11/18/92	PT NAD
B 9. 21	ISI- 6 RTD RETURN 'A'	W- 4 PIPE - Valve	92-281 11/19/92	PT NAD
B 9. 21	ISI-26 2" CVCS LETDOWN 'B'	W-11 PIPE - ELBOW 45°	92-291 11/20/92	PT NAD
B 9. 21	ISI-32 AUXILIARY SPRAY	W- 1C PIPE - VALVE	92-296 11/21/92	PT NAD
B 9. 21	ISI-32 AUXILIARY SPRAY	W- 1 TEE - PIPE	92-297 11/21/92	PT NAD
B 9. 21	ISI-33 LOW HEAD RV INJ 'A'	W- 9 (1873) TEE - PIPE	92-298 11/21/92	PT NAD
B 9. 21	ISI-33 LOW HEAD RV INJ 'A'	W-11 (1867) PIPE - TEE	92-299 11/21/92	PT NAD
B 9. 21	ISI-33 LOW HEAD RV INJ 'B'	W- 7 (1906) PIPE - ELBOW	92-300 11/21/92	PT NAD
B 9. 21	ISI-33 LOW HEAD RV INJ 'B'	W- 6 ELBOW - PIPE	92-301 11/21/92	PT NAD

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B 9. 21	ISI-33 LOW HEAD RV INJ 'A'	W- 7 (1875) ELBOW - PIPE	92-303 11/21/92	PT NAD
B 9. 21	ISI-25 2" CROSSOVER DR 'B'	W- 1 BRANCH - PIPE	92-316 11/23/92	PT NAD
B 9. 21	ISI-24 2"SIS HIGH HEAD 'B'	W-13 TEE - ELBOW	92-319 11/23/92	PT NAD
B 9. 21	ISI-10 DRN (ON CROSSOVER) A	W- 4 PIPE - ELBOW	92-324 11/23/92	PT NAD
B 9. 21	ISI-24 2"SIS HIGH HEAD 'B'	W- 1 ELBOW - REDUCER	92-325 11/23/92	PT NAD
B 9. 21 Indication; Re-Work SAT.	ISI-23 2" RTD TAKEOFF HOT B	W-14 PIPE - Valve	92-131R1 11/24/92	PT NAD
B 9. 21 Limited Exam.	ISI- 8 RTD TAKE OFF 'A' . T	W-15A PIPE - ELBOW	92-344 11/26/92	PT NAD
B 9. 21	ISI- 8 RTD TAKE OFF 'A' HOT	W-10 PIPE - RTD MANIFOLD	92-345 11/26/92	PT NAD
B 9. 21	ISI- 7 RTD TAKE OFF 'A' CLD	W-13 Valve - PIPE	92-350 11/26/92	PT NAD
B 9. 21 PSI. Replacement spool piece.	ISI-11D SEAL INJ LOOP 'A'	W-48B PIPE - FLANGE	92-387 12/01/92	PT NAD
B 9. 21 PSI. Replacement spool piece.	ISI-11D SEAL INJ LOOP 'A'	W-49 Valve - PIPE	92-388 12/01/92	PT NAD
B 9. 21 PSI. Replacement spool piece.	ISI-11D SEAL INJ LOOP 'A'	W-50 PIPE - Valve	92-389 12/01/92	PT NAD
B 9. 21 PSI. Replacement spool piece.	ISI-11D SEAL INJ LOOP 'A'	2076-1 Flange / Pipe	92-390 12/01/92	PT NAD
B 9. 21 Linears; Re-Work SAT.	ISI-25 2" CROSSOVER DR 'B'	W- 8 PIPE - Valve	92-290R 12/08/92	PT NAD
B 9. 21 Linear; Re-Work SAT.	ISI-26 2" CVCS LETDOWN 'B'	W- 5 Valve - PIPE	92-491R 12/16/92	PT NAD
B 9. 21 PSI. Linears; Re-Work SAT.	ISI-27A 2"-1.5" SEAL INJ'B'	W-12R Valve - Pipe	92-498R 12/28/92	PT NAD
B 9. 21 PSI. Linears; Re-Work SAT.	ISI-27A 2"-1.5" SEAL INJ'B'	W-13R PIPE - Valve	92-499R 12/28/92	PT NAD
B 9. 31	ISI-21 3" RTD RETURN LOOP B	W-R BRANCH	92-130 11/05/92	PT NAD
B 9. 31	ISI- 5D SPRAY TO PRESSURIZER	W-R BRANCH	92-144 11/05/92	PT NAD
B 9. 31	ISI-22 2" RTD TAKEOFF CLD B	W-R Branch - Pipe	92-200 11/11/92	PT NAD
B 9. 31 Indication; Re-Work SAT.	ISI- 6 RTD RETURN 'A'	W-R Branch - Pipe	92-177R 11/13/92	PT NAD
B 9. 31	ISI- 2 ACCUM. DISCHARGE 'A'	W-R Nozzle - Pipe	92-341 11/26/92	PT NAD

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B 9. 31 Limited Exam.	ISI- 2 ACCUM. DISCHARGE 'A'	W-R Nozzle - Pipe	92-356 11/27/92	UT45 NAD
B 9. 32	ISI- 1A CHARGING LINE 'B'	W-R BRANCH	92-127 11/05/92	PT NAD
B 9. 32	ISI-33 LOW HEAD RV INJ 'B'	W- 1 BRANCH	92-302 11/21/92	PT NAD
B 9. 40	ISI-11B SEAL INJ LOOP 'A'	W-17 Valve - PIPE	92-024 11/06/92	PT NAD
B 9. 40	ISI- 7 RTD TAKE OFF 'A' CLD	W-22 ELBOW - TEE	92-195 11/11/92	PT NAD
B 9. 40	ISI-10 DRN (ON CROSSOVER) A	W- 1 BRANCH - PIPE	92-271 11/23/92	PT NAD
B 9. 40 Limited Exam.	ISI- 8 RTD TAKE OFF 'A' HOT	W-15 Valve - PIPE	92-343 11/26/92	PT NAD
B 9. 40	ISI- 9 SIS HIGH HEAD 'A' C	W- 6 Valve - Pipe	92-358 11/30/92	PT NAD
B 9.11 Limited Exam.	ISI- 3B RHR LOOP 'A'	W-12 ELBOW - PIPE	92-146 11/05/92	UT45 NAD
B10. 10 Limited Access.	ISI-19B 8" RHR TAKE OFF 'B'	1032C WELDED ATTACHMENT	92-185 11/10/92	PT NAD
B10. 10 Limited Access.	ISI-19B 8" RHR TAKE OFF 'B'	1032B WELDED ATTACHMENT	92-186 11/10/92	PT NAD
B10. 10	ISI- 3C RHR LOOP 'A'	1009A WELDED ATTACHMENT	92-292 11/20/92	PT NAD
B10. 10	ISI- 3C RHR LOOP 'A'	1009B WELDED ATTACHMENT	92-293 11/20/92	PT NAD
B10. 10	ISI- 3A RHR LOOP 'A'	1001B WELDED ATTACHMENT	92-317 11/23/92	PT NAD
B10. 10	ISI- 3A RHR LOOP 'A'	1001C WELDED ATTACHMENT	92-318 11/21/92	PT NAD
B10. 10 Indications; Re-Work SAT.	ISI-18 10 RHR RETURN LOOP B	25D WELDED ATTACHMENT	92-362R 12/16/92	PT NAD
C 1. 20 Linears; Accepted by Evaluation.	ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	92-346 11/25/92	UT45 IND
C 1. 20 Linear; Accepted by Evaluation.	ISI-43 STEAM GENERATOR #11	W-H TOP HEAD - SHELL	92-246 11/14/92	UT60 IND
C 1. 20 Linears; Accepted by Evaluation.	ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	92-355 11/25/92	UT60 IND
C 1. 20 Limited Exam.	ISI-43 STEAM GENERATOR #11	W-H TOP HEAD - SHELL	92-206 11/12/92	UT 0 NAD
C 1. 20	ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	92-353 11/25/92	UT 0 NAD
C 2. 22	ISI-43 Steam Generator 11	N1 IR Nozzle Inner Radius	92-087 10/30/92	UT45 GEO

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C 2. 22	ISI-43 Steam Generator 12	N1 IR Nozzle Inner Radius	92-088 11/01/92	UT45 GEO
C 3. 20	ISI-52A FEEDWATER LOOP 'A'	FW-29/90 WELDED ATTACHMENT	92-097 11/03/92	MT NAD
C 3. 20 Limited Exam.	ISI-52B FEEDWATER LOOP 'A'	FW-128A WELDED ATTACHMENT	92-328 11/24/92	MT NAD
C 3. 20 Limited Exam.	ISI-52B FEEDWATER LOOP 'A'	FW-128B WELDED ATTACHMENT	92-329 11/24/92	MT NAD
C 3. 20	ISI-54 RHR SUCTION PUMP 'A'	RHR-21/W Welded Attachments	92-006 10/20/92	PT NAD
C 3. 20 Limited Exam.	ISI-88 CONT. SUMP 'B' DISCH	211A WELDED ATTACHMENT	92-330 11/24/92	PT NAD
C 3. 20 Limited Exam.	ISI-88 CONT. SUMP 'B' DISCH	215A WELDED ATTACHMENT	92-332 11/24/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	59 / LS PIPE - ELBOW	92-004 10/20/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	60 / LS ELBOW - PIPE	92-005 10/20/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	57 / LS PIPE - ELBOW	92-010 10/21/92	PT NAD
C 5. 10 Limited Exam.	ISI-80 R.W.S.T.D.	201 / LS PIPE - ELBOW	92-011 10/21/92	PT NAD
C 5. 10 Re-Work SAT.	ISI-53 RHR SUCTION PUMP 'A'	75 / LS ELBOW - PIPE	92-012R 11/18/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	71 / LS PIPE - TEE	92-013 10/21/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	202 / LS ELBOW - REDUCING TEE	92-015 10/21/92	PT NAD
C 5. 10	ISI-78 RHR PUMP 'B' DISCH	W- 24 TEE - Valve	92-057 10/30/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	1044 / LS D REDUCER - ELBOW	92-111 11/03/92	PT NAD
C 5. 10	ISI-78 RHR PUMP 'B' DISCH	SI-109 REDUCING TEE - ELBOW	92-304 11/21/92	PT NAD
C 5. 10 Long Seam by Procedure.	ISI-76 RHR SUCTION 'B'	37 REDUCER - RED. TEE	92-305 11/21/92	PT NAD
C 5. 10	ISI-76 RHR SUCTION 'B'	45 / LS U PIPE - ELBOW	92-306 11/21/92	PT NAD
C 5. 10	ISI-78 RHR PUMP 'B' DISCH	W-222 / LS U ELBOW - PIPE	92-351 11/27/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	213 / LS U ELBOW - Valve	92-352 11/27/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	187 Valve - TEE	92-391 12/01/92	PT NAD

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C 5. 10	ISI-82 S.I. PUMP SUCTION	101 RED. TEE - PIPE	92-392 12/01/92	PT NAD
C 5. 10	ISI-83 S.I. PUMP SUCTION	138 PIPE - ELBOW	92-394 12/01/92	PT NAD
C 5. 10	ISI-83 S.I. PUMP SUCTION	15 PIPE - ELBOW	92-396 12/01/92	PT NAD
C 5. 10	ISI-83 S.I. PUMP SUCTION	17W FLANGE - PIPE	92-397 12/01/92	PT NAD
C 5. 10	ISI-83 S.I. PUMP SUCTION	12 ELBOW - TEE	92-398 12/01/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	179 / LS ELBOW - ELBOW	92-414 12/02/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	255 / LS UD PIPE - PIPE	92-415 12/02/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	183 / LS D RED. TEE - PIPE	92-416 12/02/92	PT NAD
C 5. 10	ISI-80 R.W.S.T.D.	184 / LS D RED. TEE - PIPE	92-417 12/02/92	PT NAD
C 5. 10 Indication; Re-Work SAT.	ISI-82 S.I. PUMP SUCTION	102 PIPE - TEE	92-393R 12/03/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	23 / LS U ELBOW - PIPE	92-468 12/05/92	PT NAD
C 5. 10 Linear; Re-Work SAT.	ISI-78 RHR PUMP 'B' DISCH	W-177 / LS U ELBOW - PIPE	92-469R 12/07/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	27 / LS ELBOW - PIPE	92-472 12/07/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	17 / LS D PIPE - ELBOW	92-473 12/07/92	PT NAD
C 5. 10 Undercut; Re-Work SAT.	ISI-78 RHR PUMP 'B' DISCH	W-193 / LS U ELBOW - PIPE	92-309R 12/08/92	PT NAD
C 5. 10 Linears; Re-Work SAT.	ISI-76 RHR SUCTION 'B'	42 / LS U PIPE - TEE	92-310R 12/08/92	PT NAD
C 5. 10	ISI-53 RHR SUCTION PUMP 'A'	29 / LS RED. TEE - REDUCER	92-481 12/08/92	PT NAD
C 5. 10 Indication; Re-Work SAT.	ISI-78 RHR PUMP 'B' DISCH	W-172 Pipe / Elbow	92-019R 12/09/92	PT NAD
C 5. 11	ISI-51B MAIN STEAM 'A'	MS-149 Valve - REDUCER	92-080 11/02/92	MT NAD
C 5. 11	ISI-51B MAIN STEAM 'A'	MS-150 REDUCER - Valve	92-081 11/02/92	MT NAD
C 5. 11 Indication; Re-Work SAT.	ISI-55 RHR PUMP 'A' DISCH	W- 90 PIPE - ELBOW	92-014R 11/18/92	PT NAD
C 5. 11	ISI-55 RHR PUMP 'A' DISCH	W- 235 Elbow - Elbow	92-016 10/23/92	PT NAD

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C 5. 11	ISI-55 RHR PUMP "A" DISCH	W- 120 ELBOW - PIPE	92-017 10/23/92	PT NAD
C 5. 11	ISI-55 RHR PUMP "A" DISCH	W- 130 PIPE - 45° ELBOW	92-268 11/18/92	PT NAD
C 5. 11	ISI-55 RHR PUMP "A" DISCH	W- 126 PIPE - FLANGE	92-269 11/18/92	PT NAD
C 5. 11 Limited Exam.	ISI-78 RHR PUMP "B" DISCH	W-243 TEE - FLANGE	92-308 11/21/92	PT NAD
C 5. 11	ISI-78 RHR PUMP "B" DISCH	W- 1 PEN #10 - PIPE - ELL	92-320 11/23/92	PT NAD
C 5. 11	ISI-83 S.I. PUMP SUCTION	141W PIPE - S.I. PUMP #12	92-395 12/01/92	PT NAD
C 5. 11	ISI-78 RHR PUMP "B" DISCH	S1-129 ELBOW - PIPE	92-413 12/02/92	PT NAD
C 5. 11	ISI-55 RHR PUMP "A" DISCH	W- 128 PIPE - ELBOW	92-464 12/04/92	PT NAD
C 5. 11	ISI-55 RHR PUMP "A" DISCH	W- 131 ELBOW - PIPE	92-465 12/04/92	PT NAD
C 5. 11 Limited Exam.	ISI-55 RHR PUMP "A" DISCH	W- 245 TEE - FLANGE	92-470 12/05/92	PT NAD
C 5. 11	ISI-55 RHR PUMP "A" DISCH	W- 246 FLANGE - Valve	92-471 12/05/92	PT NAD
C 5. 11 Undercut; Re-Work SAT.	ISI-78 RHR PUMP "B" DISCH	W-138 TEE - PIPE	92-307R 12/08/92	PT NAD
C 5. 11	ISI-91 ALT CONT SP SUCTION	229 ELBOW - PIPE	92-482 12/09/92	PT NAD
C 5. 11	ISI-91 ALT CONT SP SUCTION	269 FLANGE - PIPE	92-483 12/09/92	PT NAD
C 5. 11	ISI-91 ALT CONT SP SUCTION	270 FLANGE - PIPE	92-484 12/09/92	PT NAD
C 5. 11	ISI-91 ALT CONT SP SUCTION	230 ELBOW - PIPE	92-485 12/09/92	PT NAD
C 5. 20	ISI-51B MAIN STEAM "A"	MS- 14 / LS U&D PIPE - REDUCING TEE	92-071 10/31/92	MT NAD
C 5. 20	ISI-51B MAIN STEAM "A"	MS- 16 / LS U&D 45° ELBOW - PIPE	92-072 10/31/92	MT NAD
C 5. 20	ISI-51B MAIN STEAM "A"	MS-181 / LS U PIPE - CAP	92-073 10/31/92	MT NAD
C 5. 20	ISI-68B MAINSTEAM "B"	MS-185A / LS U PIPE - SWEEPOLET	92-082 11/02/92	MT NAD
C 5. 20 Limited Exam.	ISI-68B MAINSTEAM "B"	MS-186B TEE - SWEEPOLET	92-083 11/02/92	MT NAD
C 5. 20 Indications. Re-Work SAT.	ISI-68A MAINSTEAM "B"	MS- 63 / LS D NOZZLE - RED. ELBOW	92-027R 11/07/92	MT NAD

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C 5. 20 Linear; Re-Work SAT.	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-162R 11/12/92	MT NAD
C 5. 20	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-073LS 12/19/92	MT NAD
C 5. 20	ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	92-085LS 12/19/92	MT NAD
C 5. 20	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-162LS 12/19/92	MT NAD
C 5. 20	ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPOLET	92-082LS 12/19/92	MT NAD
C 5. 20	ISI-68B MAINSTEAM 'B'	MS-186B / LS U TEE - SWEEPOLET	92-083LS 12/19/92	MT NAD
C 5. 20 Limited Exam.	ISI-51B MAIN STEAM 'A'	MS- 14 / LS U&D PIPE - REDUCING TEE	92-093 11/02/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-51B MAIN STEAM 'A'	MS- 16 / LS U&D 45° ELBOW - PIPE	92-094 11/02/92	UT45 NAD
C 5. 20	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-108 11/03/92	UT45 NAD
C 5. 20	ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	92-109 11/03/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-68B MAINSTEAM 'B'	MS-186B TEE - SWEEPOLET	92-147 11/05/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-68B MAINSTEAM 'B'	MS-185A PIPE - SWEEPOLET	92-148 11/05/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-163 11/07/92	UT45 NAD
C 5. 20	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	92-163LS 12/18/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	92-109LS 12/19/92	UT45 NAD
C 5. 20	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	92-108LS 12/19/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-68B MAINSTEAM 'B'	MS-186B / LS U TEE - SWEEPOLET	92-147LS 12/19/92	UT45 NAD
C 5. 20 Limited Exam.	ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPOLET	92-148LS 12/19/92	UT45 NAD
C 5. 21	ISI-69B FEEDWATER LOOP 'B'	FW-220 ELBOW - PIPE	92-084 11/02/92	MT NAD
C 5. 21 Indication; Re-Work SAT.	ISI-52A FEEDWATER LOOP 'A'	FW-155 PIPE - ELBOW	92-048R 11/09/92	MT NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	92-284 12/02/92	MT NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	92-363 11/30/92	MT NAD

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C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-216R Pipe / Reducer	92-364 11/30/92	MT NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	92-365 11/30/92	MT NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	92-367 11/30/92	MT NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	92-368 11/30/92	MT NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	92-401 12/02/92	MT NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	92-402 12/02/92	MT NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	92-403 12/02/92	MT NAD
C 5. 21 Linears; Re-Work SAT.	ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	92-400R 12/03/92	MT NAD
C 5. 21	ISI-85 ACC ACCUMULATOR DISCH	W-1317 Valve - PIPE	92-321 11/21/92	PT NAD
C 5. 21	ISI-52A FEEDWATER LOOP 'A'	FW-155 PIPE - ELBOW	92-049 10/29/92	UT45 NAD
C 5. 21	ISI-69B FEEDWATER LOOP 'B'	FW-220 ELBOW - PIPE	92-122 11/04/92	UT45 NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-216R Reducer / Nozzle	92-205 12/01/92	UT45 NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	92-254 11/11/92	UT45 NAD
C 5. 21 Linear IND. Accepted by Evaluation	ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	92-255 11/11/92	UT45 IND
C 5. 21	ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	92-257 11/12/92	UT45 NAD
C 5. 21 Limited Exam	ISI-85 ACC ACCUMULATOR DISCH	W-1317 Valve - PIPE	92-263 11/16/92	UT45 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	92-295 11/18/92	UT45 GEO
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	92-410 12/01/92	UT45 GEO
C 5. 21 PSI	ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	92-411 12/01/92	UT45 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	92-412 12/02/92	UT45 NAD
C 5. 21 PSI.	ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	92-467 12/04/92	UT45 GEO
C 5. 21 PSI.	ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	92-466 12/04/92	UT45 GEO

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C 5. 21 PSI	ISI-69A FEEDWATER LOOP 'B'	FW-216R Pipe / Reducer	92-404 11/30/92	UT_0 NAD
C 5. 21 PSI	ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	92-406 11/30/92	UT_0 NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	92-407 11/30/92	UT_0 NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	92-408 11/30/92	UT_0 NAD
C 5. 21 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	92-409 11/30/92	UT_0 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	92-418 12/02/92	UT_0 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	92-420 12/03/92	UT_0 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	92-421 12/03/92	UT_0 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	92-435 12/02/92	UT_0 NAD
C 5. 21 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	92-436 12/02/92	UT_0 NAD
C 5. 31	ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	92-279 12/02/92	MT NAD
C 5. 31 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	92-366 11/30/92	MT NAD
C 5. 31 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	92-204 12/01/92	UT45 NAD
C 5. 31 Linears; Accepted by Evaluation.	ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	92-419 12/02/92	UT45 IND
C 5. 31 PSI.	ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	92-405 11/30/92	UT_0 NAD
C 5. 31 PSI	ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	92-434 12/02/92	UT_0 NAD
F-A,B,C	ISI-56 RHR Pump A Discharge	RHRH-40/D SEISMIC RESTRAINT	92-002 10/20/92	VT3 NAD
F-A,B,C	ISI-54 RHR Pump Suction A	RHRH-23/R SPRING HANGER	92-003 10/20/92	VT3 NAD
F-A,B,C	ISI-54 RHR SUCTION PUMP 'A'	RHRH-24/Q ANCHOR	92-008 10/20/92	VT3 NAD
F-A,B,C	ISI-92 ALT CONT SP SUCTION	SIH-21/A ANCHOR	92-018 10/23/92	VT3 NAD
F-A,B,C Loose Nut; Re-work SAT.	ISI-82 S.I. PUMP SUCTION	SIH-11/D RIGID SUPPORT	92-001R 10/23/92	VT3 NAD
F-A,B,C	ISI-11B SEAL INJ LOOP 'A'	RCVCH-903/B LATERAL SUPPORT	92-020 10/27/92	VT3 NAD

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F-A,B,C	ISI-11B SEAL INJ LOOP 'A'	RCVCH-1479/E1 LATERAL RESTRAINT	92-021 10/27/92	VT3 NAD
F-A,B,C	ISI-11C SEAL INJ LOOP 'A'	RCVCH-866/J ROD HANGER	92-023 10/27/92	VT3 NAD
F-A,B,C	ISI-27B 2"-1.5" SEAL INJ 'B'	RCVCH-924/D TRAPEZE HANGER	92-035 10/27/92	VT3 NAD
F-A,B,C	ISI-27C 2"-1.5" SEAL INJ 'B'	13B-CVCS-1A RUPTURE RESTRAINT	92-036 10/27/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	RHRH-56/Q SEISMIC RESTRAINT	92-038 10/23/92	VT3 NAD
F-A,B,C	ISI-92 ALT CONT SP SUCTION	CSH-21/D SPRING HANGER	92-039 10/23/92	VT3 NAD
F-A,B,C	ISI-19B B" RHR TAKE OFF 'B'	RHRRH-36/H RUPTURE RESTRAINT	92-042 10/28/92	VT3 NAD
F-A,B,C	ISI- 1B CHARGING LINE 'B'	RPCH-34/E LATERAL RESTRAINT	92-051 10/30/92	VT3 NAD
F-A,B,C	ISI- 1B CHARGING LINE 'B'	RPCH-145/F RIGID RESTRAINT	92-052 10/30/92	VT3 NAD
F-A,B,C	ISI- 1B CHARGING LINE 'B'	109 CVCS 1B/J SUPPORT	92-053 10/30/92	VT3 NAD
F-A,B,C	ISI- 1E CHARGING LINE 'B'	RCVCH-908/R SPRING HANGER	92-054 10/30/92	VT3 NAD
F-A,B,C	ISI- 1F CHARGING LINE 'B'	RCVCH-907/S DOUBLE SPRING HANGER	92-055 10/30/92	VT3 NAD
F-A,B,C	ISI- 1E CHARGING LINE 'B'	RCVCH-127B/P RIGID RESTRAINT	92-056 10/30/92	VT3 NAD
F-A,B,C	ISI- 3A RHR LOOP 'A'	9-RHR-1B/E1 RUPTURE RESTRAINT	92-059 10/30/92	VT3 NAD
F-A,B,C	ISI- 3A RHR LOOP 'A'	RHRRH-32/F HANGER LUGS	92-060 10/30/92	VT3 NAD
F-A,B,C	ISI-68B MAINSTEAM 'B'	MSH-68 HANGER	92-070 10/31/92	VT3 NAD
F-A,B,C	ISI-1B 10 RHR RETURN LOOP B	RHRRH-30/G RUPTURE RESTRAINT	92-075 11/02/92	VT3 NAD
F-A,B,C	ISI-19A B" RHR TAKE OFF 'B'	9-RHR-7C/N RUPTURE RESTRAINT	92-076 11/02/92	VT3 NAD
F-A,B,C	ISI- 3A RHR LOOP 'A'	9-RHR-16/A RUPTURE RESTRAINT	92-078 11/02/92	VT3 NAD
F-A,B,C	ISI- 5B SPRAY TO PRESSURIZER	RCRH-7/J TRAPEZE	92-086 11/02/92	VT3 NAD
F-A,B,C	ISI- 5D SPRAY TO PRESSURIZER	111-RC-10B/D1 RUPTURE RESTRAINT	92-091 11/03/92	VT3 NAD
F-A,B,C	ISI-24 2" SIS HIGH HEAD 'B'	RSIH-93/C HYDR SNUBBER	92-092 11/03/92	VT3 NAD

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F-A,B,C	ISI-12 S.G REACTOR COOLANT 'A'	A-1 SUPPORT	92-102 11/03/92	VT3 NAD
F-A,B,C	ISI-32 AUXILIARY SPRAY	114-CVCS-1/A RUPTURE RESTRAINT	92-103 11/03/92	VT3 NAD
F-A,B,C	ISI- 5D SPRAY TO PRESSURIZER	RCRH-1/B SPRING HANGER	92-113 11/04/92	VT3 NAD
F-A,B,C	ISI- 5D SPRAY TO PRESSURIZER	RCRH-2/C LATERAL RESTRAINT	92-114 11/04/92	VT3 NAD
F-A,B,C	ISI-11C SEAL INJ LOOP 'A'	RCVCH-B98/W RIGID HANGER	92-115 11/04/92	VT3 NAD
F-A,B,C	ISI-52B FEEDWATER LOOP 'A'	FWH-25/M SUPPORT	92-124 11/05/92	VT3 NAD
F-A,B,C	ISI- 5A SPRAY TO PRESSURIZER	RCRH-23/A HYDR SNUBBER	92-140 11/05/92	VT3 NAD
F-A,B,C	ISI- 5A SPRAY TO PRESSURIZER	113-RC-11/C1 RUPTURE RESTRAINT	92-142 11/05/92	VT3 NAD
F-A,B,C	ISI-26 2" CVCS LETDOWN 'B'	RPCH-167/C LATERAL RESTRAINT	92-150 11/06/92	VT3 NAD
F-A,B,C	ISI-26 2" CVCS LETDOWN 'B'	RPCH-126/D SPRING HANGER	92-151 11/06/92	VT3 NAD
F-A,B,C	ISI-26 2" CVCS LETDOWN 'B'	RPCH-142/H SUPPORT BRACKET	92-152 11/06/92	VT3 NAD
F-A,B,C	ISI-11C SEAL INJ LOOP 'A'	RCVCH-B64/L ROD HANGER	92-156 11/06/92	VT3 NAD
F-A,B,C	ISI-32 AUXILIARY SPRAY	RPCH-1/G SUPPORT BRACKET	92-158 11/06/92	VT3 NAD
F-A,B,C Loose Bolt; Re-Work SAT.	ISI-18 1D RHR RETURN LOOP B	RHRRH-9/D DOUBLE SPRING HANGER	92-067R 11/06/92	VT3 NAD
F-A,B,C Re-Work SAT. See DRR-92-238.	ISI-11C SEAL INJ LOOP 'A'	RCVCH-B70/G ROD HANGER	92-022R 11/07/92	VT3 NAD
F-A,B,C Thread Engagement; Re-Work SAT.	ISI-19A 8" RHR TAKE OFF 'B'	9-RHR-7B/M RUPTURE RESTRAINT	92-077R 11/07/92	VT3 NAD
F-A,B,C	ISI- 3C RHR LOOP 'A'	RHRRH-34/K1 Support	92-068R 11/07/92	VT3 NAD
F-A,B,C	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT A S.I. PUMP #11 SUPP	92-164 11/07/92	VT3 NAD
F-A,B,C	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT B S.I. PUMP #11 SUPP	92-165 11/07/92	VT3 NAD
F-A,B,C	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT C S.I. PUMP #11 SUPP	92-166 11/07/92	VT3 NAD
F-A,B,C	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT D S.I. PUMP #11 SUPP	92-167 11/07/92	VT3 NAD
F-A,B,C	ISI-27C 2"-1.5" SEAL INJ 'B'	RCVCH-1796/F1 RIGID SUPPORT	92-168 11/07/92	VT3 NAD

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F-A,B,C Loose Nuts; Re-Work SAT.	ISI-79 RHR PUMP 'B' DISCH	RHRH-6B/O SEISMIC RESTRAINT	92-037R 11/09/92	VT3 NAD
F-A,B,C	ISI-54 RHR SUCTION PUMP 'A'	PEN 9 ANCHOR/C ANCHOR	92-178 11/09/92	VT3 NAD
F-A,B,C	ISI-56 RHR PUMP 'A' DISCH	RHRH-45/I DOUBLE SPRING HANGER	92-194 11/11/92	VT3 NAD
F-A,B,C	ISI-84 S.I. PUMP SUCTION	SIH-80/U RIGID HANGER	92-201 11/12/92	VT3 NAD
F-A,B,C	ISI-84 S.I. PUMP SUCTION	SIH-89/L RESTRAINT	92-202 11/12/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	RHRH-62/S ANCHOR	92-203 11/12/92	VT3 NAD
F-A,B,C Thread Engagement; Re-Work SAT.	ISI- 3B RHR LOOP 'A'	RHRH-19/H ROD HANGER	92-061R 11/13/92	VT3 NAD
F-A,B,C Thread Engagement; Re-Work SAT.	ISI- 3B RHR LOOP 'A'	9-RHR-5/J1 HANGER	92-066R 11/13/92	VT3 NAD
F-A,B,C Bent Post; Re-Work SAT.	ISI-52B FEEDWATER LOOP 'A'	FORCE REST @ 17 FORCE RESTRAINT	92-123R 11/13/92	VT3 NAD
F-A,B,C	ISI-84 S.I. PUMP SUCTION	SIH-83/R RIGID HANGER	92-212 11/13/92	VT3 NAD
F-A,B,C	ISI-84 S.I. PUMP SUCTION	SIH-86/O RESTRAINT	92-213 11/13/92	VT3 NAD
F-A,B,C	ISI-84 S.I. PUMP SUCTION	SIH-88/M RESTRAINT	92-214 11/13/92	VT3 NAD
F-A,B,C	ISI-90 R. V. SAFETY INJ.	SIH- 9/D HYDR SNUBBER	92-223 11/13/92	VT3 NAD
F-A,B,C	ISI-90 R. V. SAFETY INJ.	RHRH-2/F SEISMIC SUPPORT	92-224 11/13/92	VT3 NAD
F-A,B,C Thread Engagement; Accepted.	ISI-54 RHR SUCTION PUMP 'A'	RHRH-18/I SEISMIC RESTRAINT	92-192R 11/11/92	VT3 NAD
F-A,B,C Bent Rod; Accepted.	ISI-82 S.I. PUMP SUCTION	SIH-93/I RIGID SUPPORT	92-199R 11/11/92	VT3 NAD
F-A,B,C Load Set; Re-Work SAT.	ISI-32 AUXILIARY SPRAY	RPCH-7/C&D SPRING HANGER	92-157R 11/14/92	VT3 NAD
F-A,B,C	ISI-54 RHR SUCTION PUMP 'A'	RHRH-57/F SEISMIC RESTRAINT	92-231 11/14/92	VT3 NAD
F-A,B,C	ISI-56 RHR PUMP 'A' DISCH	RHRH-42/F SUPPORT	92-242 11/14/92	VT3 NAD
F-A,B,C	ISI-77 RHR SUCTION 'B'	RHRH-12/E SUPPORT	92-243 11/14/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	RHRH-29/D SPRING HANGER	92-244 11/14/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	RHRH-55/V SWAY STRUT ASSY	92-245 11/14/92	VT3 NAD

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F-A,B,C	ISI-77 RHR SUCTION 'B'	RHRH-11/D DOUBLE SPRING HANGER	92-247 11/14/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	RHRH-28/B SPRING BASE	92-248 11/14/92	VT3 NAD
F-A,B,C	ISI-73 PRESSURIZER BASE	BASE BLTS 1-24 ANCHOR BOLTS	92-253 11/16/92	VT3 NAD
F-A,B,C	ISI-54 RHR SUCTION PUMP 'A'	RHRH-27/M SPRING HANGER	92-266 11/18/92	VT3 NAD
F-A,B,C	ISI-54 RHR SUCTION PUMP 'A'	RHRH-26/N SEISMIC RESTRAINT	92-267 11/18/92	VT3 NAD
F-A,B,C Bolt UNSAT; Accepted by Evaluation.	ISI-54 RHR SUCTION PUMP 'A'	9-RHR-12/A RUPTURE RESTRAINT	92-179R 11/09/92	VT3 NAD
F-A,B,C UNSAT; Re-Work SAT	ISI-19B 8" RHR TAKE OFF 'B'	9-RHR-8A/D RUPTURE RESTRAINT	92-041R 11/20/92	VT3 NAD
F-A,B,C Accepted by Evaluation.	ISI-17 12" ACCUMULATOR DSCH	100-SIS-2/B RUPTURE RESTRAINT	92-074R 11/02/92	VT3 NAD
F-A,B,C	ISI-52B FEEDWATER LOOP 'A'	FWH-26/N SUPPORT	92-323 11/23/92	VT3 NAD
F-A,B,C Limited Exam.	ISI-88 CONT. SUMP 'B' DISCH	RHRH-10/A ANCHOR	92-331 11/24/92	VT3 NAD
F-A,B,C Limited Exam.	ISI-88 CONT. SUMP 'B' DISCH	RHRH-9/D ANCHOR	92-333 11/24/92	VT3 NAD
F-A,B,C See DRR # 92-238.	ISI-54 RHR SUCTION PUMP 'A'	RHRH-21/W DOUBLE SPRING HANGER	92-009R 11/24/92	VT3 NAD
F-A,B,C See DRR # 92-238. Thrd Engage; Acc.	ISI-90 R. V. SAFETY INJ.	RHRH-4/H SPRING HANGER	92-225R 11/24/92	VT3 NAD
F-A,B,C Extra Shim; See DRR 92-238.	ISI-1C CHARGING LINE 'B'	109 CVCS 1A/K RUPTURE RESTRAINT	92-065R 11/24/92	VT3 NAD
F-A,B,C Accepted by Engineering Evaluation.	ISI-54 RHR SUCTION PUMP 'A'	RHRH-4B/O DOUBLE SPRING HANGER	92-007R 11/24/92	VT3 NAD
F-A,B,C Sheared Pin; Re-Work SAT.	ISI-5B SPRAY TO PRESSURIZER	RCRH-16/I DOUBLE HYDR SNUBBER	92-143R 11/26/92	VT3 NAD
F-A,B,C Loose Bolt; Re-Work SAT.	ISI-90 R. V. SAFETY INJ.	RHRH-7/I SWAY STRUT	92-226R 11/26/92	VT3 NAD
F-A,B,C Bottomed; Re-Work SAT.	ISI-5B SPRAY TO PRESSURIZER	RCRH-8/K CONST. SUPPORT	92-079R 11/26/92	VT3 NAD
F-A,B,C	ISI-10 DRN (ON CROSSOVER) A	RPCN-13/C SPRING HANGER	92-354 11/27/92	VT3 NAD
F-A,B,C	ISI-56 RHR PUMP 'A' DISCH	SIH-24/N ANCHOR	92-384 12/01/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	SIH-17/I HANGER	92-385 12/01/92	VT3 NAD
F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	SIH-16/J SEISMIC RESTRAINT	92-386 12/01/92	VT3 NAD

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F-A,B,C	ISI-79 RHR PUMP 'B' DISCH	RHRH-64/C SWAY STRUT	92-422 12/03/92	VT3 NAD
F-A,B,C Loose Nut; Re-Work SAT.	ISI-68B MAINSTEAM 'B'	MSH-48/O HANGER	92-069R 12/08/92	VT3 NAD
F-A,B,C Bolts not flush; Re-Work SAT.	ISI-56 RHR PUMP "A" DISCH	RHRH-46/J SWAY STRUT	92-193R 12/08/92	VT3 NAD
F-A,B,C Bolt Bearing; Reworked. DRR-92-238.	ISI- 5A SPRAY TO PRESSURIZER	RCRH-23/B HYDR SNUBBER	92-141R 12/14/92	VT3 NAD
F-A,B,C PSI. Shims; Re-Work SAT.	ISI-28 10" PRESSURIZER SURG	RCRH-43/D SPRING HANGER	92-490R 12/18/92	VT3 NAD
FSAR	ISI-68C Main Steam B	MS- 83 / LS U&D Pipe/Elbow HELB	92-160 11/05/92	MT NAD
FSAR	ISI-68C Main Steam B	MS- 82 / LS U&D Pipe/Pipe HELB	92-169 11/07/92	MT NAD
FSAR	XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	92-191 11/01/92	MT NAD
FSAR	XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	92-322 11/23/92	MT NAD
FSAR	ISI-52B FEEDWATER LOOP 'A'	FW-144 Valve - PIPE HELB	92-338 11/25/92	MT NAD
FSAR	ISI-52B FEEDWATER LOOP 'A'	FW-221 ELBOW - PIPE HELB	92-340 11/25/92	MT NAD
FSAR	XH-106-241 Main Steam A	MS- 38 / LS UD Elbow / Pipe HELB	92-383 12/01/92	MT NAD
FSAR Linear; Re-Work SAT.	ISI-52B FEEDWATER LOOP 'A'	FW-145 PIPE - ELBOW HELB	92-339R 12/08/92	MT NAD
FSAR	ISI-51C MAIN STEAM 'A'	MS-28 / LS U&D Pipe - Pipe HELB	92-486 12/10/92	MT NAD
FSAR	ISI-68C MAINSTEAM 'B'	MS- 81 / LS D Valve - Pipe HELB	92-487 12/10/92	MT NAD
FSAR Limited Exam.	ISI-51B MAIN STEAM 'A'	MS- 11 / LS D Pipe / Pipe HELB	92-495 12/12/92	MT NAD
FSAR	XH-106-241 Main Steam B	MS-107 / LS U Pipe/Stop Valve HELB	92-496 12/21/92	MT NAD
FSAR	ISI-68C Main Steam B	MS- 82 / LS U&D Pipe/Pipe HELB	92-497 12/21/92	MT NAD
FSAR	ISI-68C Main Steam B	MS- 83 / LS U&D Pipe/Elbow HELB	92-181 11/09/92	UT45 NAD
FSAR	ISI-68C Main Steam B	MS- 82 / LS U&D Pipe/Pipe HELB	92-182 11/09/92	UT45 NAD
FSAR	XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	92-260 11/17/92	UT45 NAD
FSAR	XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	92-326 11/23/92	UT45 NAD

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FSAR	ISI-52B FEEDWATER LOOP 'A'	FW-144 Valve - PIPE HELB	92-347 11/26/92	UT45 NAD
FSAR	ISI-52B FEEDWATER LOOP 'A'	FW-145 PIPE - ELBOW HELB	92-348 11/26/92	UT45 NAD
FSAR	ISI-52B FEEDWATER LOOP 'A'	FW-221 ELBOW - PIPE HELB	92-349 11/26/92	UT45 NAD
FSAR	XH-106-241 Main Steam A	MS- 38 / LS UD Elbow / Pipe HELB	92-474 12/07/92	UT45 NAD
FSAR Limited Exam.	ISI-68C MAINSTEAM 'B'	MS- 81 / LS D Valve - Pipe HELB	92-48R 12/10/92	UT45 NAD
FSAR	ISI-51C MAIN STEAM 'A'	MS-28 / LS U&D Pipe - Pipe HELB	92-489 12/10/92	UT45 NAD
FSAR Limited Exam.	ISI-51B MAIN STEAM 'A'	MS- 11 / LS D Pipe / Pipe HELB	92-492 12/14/92	UT45 NAD
FSAR	XH-106-241 Main Steam B	MS-107 / LS U Pipe/Stop Valve HELB	92-500 12/21/92	UT45 NAD
FSAR	XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	92-261 11/17/92	UT_0 NAD
FSAR	XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	92-327 11/23/92	UT_0 NAD

NORTHERN STATES POWER
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Appendix C - List of Examinations by Report No.

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92-001R 10/23/92	ISI-82 S.I. PUMP SUCTION	SIH-11/D RIGID SUPPORT	VT3 NAD	F-A,B,C Loose Nut; Re-work SAT.
92-002 10/20/92	ISI-56 RHR Pump A Discharge	RHRH-40/D SEISMIC RESTRAINT	VT3 NAD	F-A,B,C
92-003 10/20/92	ISI-54 RHR Pump Suction A	RHRH-23/R SPRING HANGER	VT3 NAD	F-A,B,C
92-004 10/20/92	ISI-53 RHR SUCTION PUMP 'A'	59 / LS PIPE - ELBOW	PT NAD	C 5. 10
92-005 10/20/92	ISI-53 RHR SUCTION PUMP 'A'	60 / LS ELBOW - PIPE	PT NAD	C 5. 10
92-006 10/20/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-21/W Welded Attachments	PT NAD	C 3. 20
92-007R 11/24/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-48/D DOUBLE SPRING HANGER	VT3 NAD	F-A,B,C Accepted by Engineering Evaluation.
92-008 10/20/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-24/D ANCHOR	VT3 NAD	F-A,B,C
92-009R 11/24/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-21/W DOUBLE SPRING HANGER	VT3 NAD	F-A,B,C See DRR # 92-238.
92-010 10/21/92	ISI-53 RHR SUCTION PUMP 'A'	57 / LS PIPE - ELBOW	PT NAD	C 5. 10
92-011 10/21/92	ISI-80 R.W.S.T.D.	201 / LS PIPE - ELBOW	PT NAD	C 5. 10 Limited Exam.
92-012R 11/18/92	ISI-53 RHR SUCTION PUMP 'A'	75 / LS ELBOW - PIPE	PT NAD	C 5. 10 Re-Work SAT.
92-013 10/21/92	ISI-53 RHR SUCTION PUMP 'A'	71 / LS PIPE - TEE	PT NAD	C 5. 10
92-014R 11/18/92	ISI-55 RHR PUMP "A" DISCH	W- 90 PIPE - ELBOW	PT NAD	C 5. 11 Indication; Re-Work SAT.
92-015 10/21/92	ISI-80 R.W.S.T.D.	202 / LS ELBOW - REDUCING TEE	PT NAD	C 5. 10
92-016 10/23/92	ISI-55 RHR PUMP "A" DISCH	W- 235 Elbow - Elbow	PT NAD	C 5. 11
92-017 10/23/92	ISI-55 RHR PUMP "A" DISCH	W- 120 ELBOW - PIPE	PT NAD	C 5. 11
92-018 10/23/92	ISI-92 ALT CONT SP SUCTION	SIH-21/A ANCHOR	VT3 NAD	F-A,B,C
92-019R 12/09/92	ISI-78 RHR PUMP 'B' DISCH	W-172 Pipe / Elbow	PT NAD	C 5. 10 Indication; Re-Work SAT.
92-020 10/27/92	ISI-11B SEAL INJ LOOP 'A'	RCVCH-903/B LATERAL SUPPORT	VT3 NAD	F-A,B,C
92-021 10/27/92	ISI-11B SEAL INJ LOOP 'A'	RCVCH-1479/E1 LATERAL RESTRAINT	VT3 NAD	F-A,B,C
92-022R 11/07/92	ISI-11C SEAL INJ LOOP 'A'	RCVCH-870/G ROD HANGER	VT3 NAD	F-A,B,C Re-Work SAT. See DRR-92-238.

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92-023 10/27/92	ISI-11C SEAL INJ LOOP 'A'	RCVCH-866/J ROD HANGER	VT3 NAD	F-A,B,C
92-024 11/06/92	ISI-11B SEAL INJ LOOP 'A'	W-17 Valve - PIPE	PT NAD	B 9. 40
92-025 11/06/92	ISI-11C SEAL INJ LOOP 'A'	W-27 ELBOW - PIPE	PT NAD	B 9. 21
92-026 11/06/92	ISI-11B SEAL INJ LOOP 'A'	W-14 PIPE - ELBOW	PT NAD	B 9. 21
92-027R 11/07/92	ISI-68A MAINSTEAM 'B'	MS- 63 / LS D NOZZLE - RED. ELBOW	MT NAD	C 5. 20 Indications. Re-Work SAT.
92-029 10/27/92	ISI-27A 2"-1.5" SEAL INJ 'B'	W-13 PIPE - Valve	PT NAD	B 9. 21
92-030 10/27/92	ISI-27B 2"-1.5" SEAL INJ 'B'	W-18 ELBOW - PIPE	PT NAD	B 9. 21
92-031R 11/06/92	ISI-27C 2"-1.5" SEAL INJ 'B'	W-29 ELBOW - PIPE	PT NAD	B 9. 21 Moved Clamp for access.
92-032 10/27/92	ISI-27C 2"-1.5" SEAL INJ 'B'	W-30 REDUCING TEE - ELBOW	PT NAD	B 9. 21
92-033R 11/09/92	ISI-27A 2"-1.5" SEAL INJ 'B'	4 ORIFICE BLTS BOLTS @ W-3 (4)	VT1 NAD	B 7. 50 Leakage; Re-work SAT.
92-035 10/27/92	ISI-27B 2"-1.5" SEAL INJ 'B'	RCVCH-924/D TRAPEZE HANGER	VT3 NAD	F-A,B,C
92-036 10/27/92	ISI-27C 2"-1.5" SEAL INJ 'B'	13B-CVCS-1A RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-037R 11/09/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-68/O SEISMIC RESTRAINT	VT3 NAD	F-A,B,C Loose Nuts; Re-Work SAT.
92-038 10/23/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-56/Q SEISMIC RESTRAINT	VT3 NAD	F-A,B,C
92-039 10/23/92	ISI-92 ALT CONT SP SUCTION	CSH-21/D SPRING HANGER	VT3 NAD	F-A,B,C
92-041R 11/20/92	ISI-19B 8" RHR TAKE OFF 'B'	9-RHR-8A/D RUPTURE RESTRAINT	VT3 NAD	F-A,B,C UNSAT; Re-Work SAT
92-042 10/28/92	ISI-19B 8" RHR TAKE OFF 'B'	RHRH-36/H RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-043 10/28/92	ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-3 PIPE - ELBOW	PT NAD	B 5. 70
92-044 10/28/92	ISI-19B 8" RHR TAKE OFF 'B'	W-10 PIPE - ELBOW	PT NAD	B 9. 11
92-045 10/28/92	ISI-19B 8" RHR TAKE OFF 'B'	W- 9 Valve - PIPE	PT NAD	B 9. 11
92-046 10/29/92	ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-6 ELBOW - PIPE	PT NAD	B 9. 11
92-047 10/29/92	ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-7 PIPE - ELBOW	PT NAD	B 9. 11

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92-048R 11/09/92	ISI-52A FEEDWATER LOOP 'A'	FW-155 PIPE - ELBOW	MT NAD	C 5. 21 Indication; Re-Work SAT.
92-049 10/29/92	ISI-52A FEEDWATER LOOP 'A'	FW-155 PIPE - ELBOW	UT45 NAD	C 5. 21
92-050 10/28/92	ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-3 PIPE - ELBOW	UT45 GEO	B 5. 70
92-051 10/30/92	ISI- 1B CHARGING LINE 'B'	RPCH-34/E LATERAL RESTRAINT	VT3 NAD	F-A,B,C
92-052 10/30/92	ISI- 1B CHARGING LINE 'B'	RPCH-145/F RIGID RESTRAINT	VT3 NAD	F-A,B,C
92-053 10/30/92	ISI- 1B CHARGING LINE 'B'	109 CVCS 1B/J SUPPORT	VT3 NAD	F-A,B,C
92-054 10/30/92	ISI- 1E CHARGING LINE 'B'	RCVCH-908/R SPRING HANGER	VT3 NAD	F-A,B,C
92-055 10/30/92	ISI- 1F CHARGING LINE 'B'	RCVCH-907/S DOUBLE SPRING HANGER	VT3 NAD	F-A,B,C
92-056 10/30/92	ISI- 1E CHARGING LINE 'B'	RCVCH-127B/P RIGID RESTRAINT	VT3 NAD	F-A,B,C
92-057 10/30/92	ISI-7B RHR PUMP 'B' DISCH	W- 24 TEE - Valve	PT NAD	C 5. 10
92-059 10/30/92	ISI- 3A RHR LOOP 'A'	9-RHR-1B/E1 RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-060 10/30/92	ISI- 3A RHR LOOP 'A'	RHRRH-32/F HANGER LUGS	VT3 NAD	F-A,B,C
92-061R 11/13/92	ISI- 3B RHR LOOP 'A'	RHRRH-19/H ROD HANGER	VT3 NAD	F-A,B,C Thread Engagement; Re-Work SAT.
92-062 10/31/92	ISI- 9 SIS HIGH HEAD 'A' C	W- 1A PIPE - PIPE	PT NAD	B 9. 21
92-063 10/31/92	ISI- 1C CHARGING LINE 'B'	W-29 Pipe - Valve	PT NAD	B 9. 21
92-064 10/31/92	ISI- 1D CHARGING LINE 'B'	W-34 TEE - PIPE	PT NAD	B 9. 21
92-065R 11/24/92	ISI- 1C CHARGING LINE 'B'	109 CVCS 1A/K RUPTURE RESTRAINT	VT3 NAD	F-A,B,C Exrta Shim; See DRR 92-238.
92-066R 11/13/92	ISI- 3B RHR LOOP 'A'	9-RHR-5/J1 HANGER	VT3 NAD	F-A,B,C Thread Engagement; Re-Work SAT.
92-067R 11/06/92	ISI-1B 10 RHR RETURN LOOP B	RHRRH-9/D DOUBLE SPRING HANGER	VT3 NAD	F-A,B,C Loose Bolt; Re-Work SAT.
92-068R 11/07/92	ISI- 3C RHR LOOP 'A'	RHRRH-34/K1 Support	VT3 NAD	F-A,B,C
92-069R 12/08/92	ISI-68B MAINSTEAM 'B'	MSH-4B/D HANGER	VT3 NAD	F-A,B,C Loose Nut; Re-Work SAT.
92-070 10/31/92	ISI-68B MAINSTEAM 'B'	MSH-68 HANGER	VT3 NAD	F-A,B,C

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92-071 10/31/92	ISI-51B MAIN STEAM 'A'	MS-14 / LS U&D PIPE - REDUCING TEE	MT NAD	C 5. 20
92-072 10/31/92	ISI-51B MAIN STEAM 'A'	MS-16 / LS U&D 45° ELBOW - PIPE	MT NAD	C 5. 20
92-073 10/31/92	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	MT NAD	C 5. 20
92-073LS 12/19/92	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	MT NAD	C 5. 20
92-074R 11/02/92	ISI-17 12" ACCUMULATOR DSCH	100-SIS-2/B RUPTURE RESTRAINT	VT3 NAD	F-A,B,C Accepted by Evaluation.
92-075 11/02/92	ISI-18 10 RHR RETURN LOOP B	RHRH-30/G RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-076 11/02/92	ISI-19A 8" RHR TAKE OFF 'B'	9-RHR-7C/W RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-077R 11/07/92	ISI-19A 8" RHR TAKE OFF 'B'	9-RHR-7B/M RUPTURE RESTRAINT	VT3 NAD	F-A,B,C Thread Engagement; Re-Work SAT.
92-078 11/02/92	ISI-3A RHR LOOP 'A'	9-RHR-16/A RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-079R 11/26/92	ISI-5B SPRAY TO PRESSURIZER	RCRH-8/K CONST. SUPPORT	VT3 NAD	F-A,B,C Bottomed; Re-Work SAT.
92-080 11/02/92	ISI-51B MAIN STEAM 'A'	MS-149 Valve - REDUCER	MT NAD	C 5. 11
92-081 11/02/92	ISI-51B MAIN STEAM 'A'	MS-150 REDUCER - Valve	MT NAD	C 5. 11
92-082 11/02/92	ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPOLET	MT NAD	C 5. 20
92-082LS 12/19/92	ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPOLET	MT NAD	C 5. 20
92-083 11/02/92	ISI-68B MAINSTEAM 'B'	MS-186B TEE - SWEEPOLET	MT NAD	C 5. 20 Limited Exam.
92-083LS 12/19/92	ISI-68B MAINSTEAM 'B'	MS-186B / LS U TEE - SWEEPOLET	MT NAD	C 5. 20
92-084 11/02/92	ISI-69B FEEDWATER LOOP 'B'	FW-220 ELBOW - PIPE	MT NAD	C 5. 21
92-085LS 12/19/92	ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	MT NAD	C 5. 20
92-086 11/02/92	ISI-5B SPRAY TO PRESSURIZER	RCRH-7/J TRAPEZE	VT3 NAD	F-A,B,C
92-087 10/30/92	ISI-43 Steam Generator 11	N1 IR Nozzle Inner Radius	UT45 GEO	C 2. 22
92-088 11/01/92	ISI-43 Steam Generator 12	N1 IR Nozzle Inner Radius	UT45 GEO	C 2. 22
92-089 11/03/92	ISI-3A RHR LOOP 'A'	MV-32164 Valve Bolting	VT1 NAD	B 7. 70

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92-090 11/03/92	ISI- 5D SPRAY TO PRESSURIZER	CV-31225 Valve Bolting	VT1 NAD	B 7. 70
92-091 11/03/92	ISI- 5D SPRAY TO PRESSURIZER	111-RC-10B/D1 RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-092 11/03/92	ISI-24 2" SIS HIGH HEAD 'B'	RSIH-93/C HYDR SNUBBER	VT3 NAD	F-A,B,C
92-093 11/02/92	ISI-51B MAIN STEAM 'A'	MS- 14 / LS U&D PIPE - REDUCING TEE	UT45 NAD	C 5. 20 Limited Exam.
92-094 11/02/92	ISI-51B MAIN STEAM 'A'	MS- 16 / LS U&D 45° ELBOW - PIPE	UT45 NAD	C 5. 20 Limited Exam.
92-096 11/02/92	ISI-13 S.G REACTOR COOLANT 'B'	RCC-B-7 PIPE - ELBOW	UT45 NAD	B 9. 11
92-097 11/03/92	ISI-52A FEEDWATER LOOP 'A'	FWH-29/QQ WELDED ATTACHMENT	MT NAD	C 3. 20
92-098 11/02/92	ISI-19A 8" RHR TAKE OFF 'B'	MV-32231 Valve Bolting	VT1 NAD	B 7. 70
92-099 11/03/92	ISI-31 PRESSURIZER RELIEF	CV-31231 Valve Bolting	VT1 NAD	B 7. 50
92-100 11/03/92	ISI-31 PRESSURIZER RELIEF	CV-31232 Valve Bolting	VT1 NAD	B 7. 50
92-101 11/03/92	ISI-32 AUXILIARY SPRAY	CV-31329 Valve Bolting	VT1 NAD	B 7. 70
92-102 11/03/92	ISI-12 S.G REACTOR COOLANT 'A'	A-1 SUPPORT	VT3 NAD	F-A,B,C
92-103 11/03/92	ISI-32 AUXILIARY SPRAY	114-CVCS-1/A RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-104 11/03/92	ISI- 1B CHARGING LINE 'B'	W-20 PIPE - 45° ELBOW	PT NAD	B 9. 21
92-105 11/03/92	ISI- 1B CHARGING LINE 'B'	W-21 45° ELBOW - PIPE	PT NAD	B 9. 21
92-106 11/03/92	ISI- 1E CHARGING LINE 'B'	W-57 ELBOW - PIPE	PT NAD	B 9. 21
92-107 11/03/92	ISI- 1F CHARGING LINE 'B'	W-66 45° ELBOW - PIPE	PT NAD	B 9. 21
92-108 11/03/92	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	UT45 NAD	C 5. 20
92-108LS 12/19/92	ISI-51B MAIN STEAM 'A'	MS-181 / LS U PIPE - CAP	UT45 NAD	C 5. 20
92-109 11/03/92	ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	UT45 NAD	C 5. 20
92-109LS 12/19/92	ISI-51B MAIN STEAM 'A'	MS-182 / LS D TEE - PIPE	UT45 NAD	C 5. 20 Limited Exam.
92-110 11/03/92	ISI- 3B RHR LOOP 'A'	W-12 ELBOW - PIPE	PT NAD	B 9. 11 Limited Exam.

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92-111 11/03/92	ISI-53 RHR SUCTION PUMP 'A'	1044 / LS D REDUCER - ELBOW	PT NAD	C 5. 10
92-113 11/04/92	ISI- 5D SPRAY TO PRESSURIZER	RCRH-1/B SPRING HANGER	VT3 NAD	F-A,B,C
92-114 11/04/92	ISI- 5D SPRAY TO PRESSURIZER	RCRH-2/C LATERAL RESTRAINT	VT3 NAD	F-A,B,C
92-115 11/04/92	ISI-11C SEAL INJ LOOP 'A'	RCVCH-B9B/W RIGID HANGER	VT3 NAD	F-A,B,C
92-117 11/04/92	ISI- 5B SPRAY TO PRESSURIZER	W- 19 PIPE - 45° ELBOW	PT NAD	B 9. 21
92-118 11/04/92	ISI- 5B SPRAY TO PRESSURIZER	W- 20 45° ELBOW - PIPE	PT NAD	B 9. 21
92-119 11/04/92	ISI- 5C SPRAY TO PRESSURIZER	W- 23 45° ELBOW - PIPE	PT NAD	B 9. 21 Limited Exam.
92-120 11/04/92	ISI- 5C SPRAY TO PRESSURIZER	W- 29A S.E. SAFE END	PT NAD	B 9. 11 UT Not Done.
92-121 11/04/92	ISI- 5D SPRAY TO PRESSURIZER	W-14 PIPE - TEE	PT NAD	B 9. 21
92-122 11/04/92	ISI-69B FEEDWATER LOOP 'B'	FW-220 ELBOW - PIPE	UT45 NAD	C 5. 21
92-123R 11/13/92	ISI-52B FEEDWATER LOOP 'A'	FORCE REST @ 17 FORCE RESTRAINT	VT3 NAD	F-A,B,C Bent Post; Re-Work SAT.
92-124 11/05/92	ISI-52B FEEDWATER LOOP 'A'	FWH-25/M SUPPORT	VT3 NAD	F-A,B,C
92-126 11/05/92	ISI- 1A CHARGING LINE 'B'	W- 1 PIPE - BRANCH	PT NAD	B 9. 21
92-127 11/05/92	ISI- 1A CHARGING LINE 'B'	W-R BRANCH	PT NAD	B 9. 32
92-128 11/05/92	ISI-13 R.C REACTOR COOLANT 'B'	RCC-B-12 PIPE - PIPE	PT NAD	B 9. 11 Limited Exam.
92-129 11/05/92	ISI-21 3" RTD RETURN LOOP B	W- 7 FLANGE - PIPE	PT NAD	B 9. 11
92-130 11/05/92	ISI-21 3" RTD RETURN LOOP B	W-R BRANCH	PT NAD	B 9. 31
92-131R1 11/24/92	ISI-23 2" RTD TAKEOFF HOT B	W-14 PIPE - Valve	PT NAD	B 9. 21 Indication; Re-Work SAT.
92-132 11/05/92	ISI-23 2" RTD TAKEOFF HOT B	W-21 PIPE - ELBOW	PT NAD	B 9. 21
92-133 11/05/92	ISI-23 2" RTD TAKEOFF HOT B	W-24 ELBOW - REDUCER	PT NAD	B 9. 21
92-134 11/05/92	ISI-13 R.V REACTOR COOLANT 'B'	RCC-B-3 PIPE - ELBOW	PT NAD	B 9. 11
92-135 11/05/92	ISI- 5A SPRAY TO PRESSURIZER	W-11 PIPE - 45° ELBOW	PT NAD	B 9. 21

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92-136 11/05/92	ISI-20 6" SIS HIGH HEAD 'B'	W-2 Valve - ELBOW	PT NAD	B 9. 11
92-137 11/05/92	ISI-22 2" RTD TAKEOFF CLD B	W-13 PIPE - ELBOW	PT NAD	B 9. 21
92-138 11/05/92	ISI-22 2" RTD TAKEOFF CLD B	W-15 PIPE - ELBOW	PT NAD	B 9. 21
92-139 11/05/92	ISI-20 6" SIS HIGH HEAD 'B'	W-R BRANCH	PT NAD	B 9. 11
92-140 11/05/92	ISI- 5A SPRAY TO PRESSURIZER	RCRH-23/A HYDR SNUBBER	VT3 NAD	F-A,B,C
92-141R 12/14/92	ISI- 5A SPRAY TO PRESSURIZER	RCRH-23/B HYDR SNUBBER	VT3 NAD	F-A,B,C Bolt Bearing; Reworked. DRR-92-238.
92-142 11/05/92	ISI- 5A SPRAY TO PRESSURIZER	113-RC-11/C1 RUPTURE RESTRAINT	VT3 NAD	F-A,B,C
92-143R 11/26/92	ISI- 5B SPRAY TO PRESSURIZER	RCRH-16/1 DOUBLE HYDR SNUBBER	VT3 NAD	F-A,B,C Sheared Pin; Re-Work SAT.
92-144 11/05/92	ISI- 5D SPRAY TO PRESSURIZER	W-R BRANCH	PT NAD	B 9. 31
92-145 11/05/92	ISI- 5D SPRAY TO PRESSURIZER	W- 1 BRANCH - PIPE	PT NAD	B 9. 21
92-146 11/05/92	ISI- 3B RHR LOOP 'A'	W-12 ELBOW - PIPE	UT45 NAD	B 9. 11 Limited Exam.
92-147 11/05/92	ISI-68B MAINSTEAM 'B'	MS-186B TEE - SWEEPOLET	UT45 NAD	C 5. 20 Limited Exam.
92-147LS 12/19/92	ISI-68B MAINSTEAM 'B'	MS-186B / LS U TEE - SWEEPOLET	UT45 NAD	C 5. 20 Limited Exam.
92-148 11/05/92	ISI-68B MAINSTEAM 'B'	MS-185A PIPE - SWEEPOLET	UT45 NAD	C 5. 20 Limited Exam.
92-148LS 12/19/92	ISI-68B MAINSTEAM 'B'	MS-185A / LS U PIPE - SWEEPOLET	UT45 NAD	C 5. 20 Limited Exam.
92-149 11/06/92	ISI-26 2" CVCS LETDOWN 'B'	LCV-42B Valve Bolting	VT1 NAD	B 7. 70
92-150 11/06/92	ISI-26 2" CVCS LETDOWN 'B'	RPCH-167/C LATERAL RESTRAINT	VT3 NAD	F-A,B,C
92-151 11/06/92	ISI-2 2" CVCS LETDOWN 'B'	RPCH-126/D SPRING HANGER	VT3 NAD	F-A,B,C
92-152 11/06/92	ISI-26 2" CVCS LETDOWN 'B'	RPCH-142/H SUPPORT BRACKET	VT3 NAD	F-A,B,C
92-154 11/06/92	ISI-13 R.V REACTOR COOLANT 'B'	RCC-B-3 PIPE - ELBOW	UT45 NAD	B 9. 11 Limited Exam.
92-155 11/06/92	ISI-20 6" SIS HIGH HEAD 'B'	W-R BRANCH	UT45 NAD	B 9. 11 Limited Exam.
92-156 11/06/92	ISI-11C SEAL INJ LOOP 'A'	RCVCH-B64/L ROD HANGER	VT3 NAD	F-A,B,C

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92-157R 11/14/92	ISI-32 AUXILIARY SPRAY	RPCH-7/C&D SPRING HANGER	VT3 NAD	F-A,B,C Load Set; Re-Work SAT.
92-158 11/06/92	ISI-32 AUXILIARY SPRAY	RPCH-1/G SUPPORT BRACKET	VT3 NAD	F-A,B,C
92-159 11/06/92	ISI-11B SEAL INJ LOOP 'A'	W-16A REDUCING TEE - PIPE	PT NAD	B 9. 21
92-160 11/05/92	ISI-68C Main Steam B	MS- 83 / LS U&D Pipe/Elbow HELB	MT NAD	FSAR
92-161 11/07/92	ISI-35 RC PUMP 'B' S.H. BLT	UPPER BLTS 1-12 SEAL HOUSING BOLTS	VT1 NAD	B 7. 60
92-162LS 12/19/92	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	MT NAD	C 5. 20
92-162R 11/12/92	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	MT NAD	C 5. 20 Linear; Re-Work SAT.
92-163 11/07/92	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	UT45 NAD	C 5. 20 Limited Exam.
92-163LS 12/18/92	ISI-51A MAIN STEAM 'A'	MS- 7 / LS U&D PIPE - ELBOW	UT45 NAD	C 5. 20
92-164 11/07/92	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT A S.I. PUMP #11 SUPP	VT3 NAD	F-A,B,C
92-165 11/07/92	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT B S.I. PUMP #11 SUPP	VT3 NAD	F-A,B,C
92-166 11/07/92	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT C S.I. PUMP #11 SUPP	VT3 NAD	F-A,B,C
92-167 11/07/92	ISI-83 S.I. PUMP SUCTION	SUPPORT FOOT D S.I. PUMP #11 SUPP	VT3 NAD	F-A,B,C
92-168 11/07/92	ISI-27C 2"-1.5" SEAL INJ 'B'	RCVCH-1796/F1 RIGID SUPPORT	VT3 NAD	F-A,B,C
92-169 11/07/92	ISI-68C Main Steam B	MS- 82 / LS U&D Pipe/Pipe HELB	MT NAD	FSAR
92-170 11/07/92	ISI-29 PRESS SAFETY LINE A	W- 1B (1545) SAFE END - 45° ELBOW	PT NAD	B 5. 40
92-171 11/07/92	ISI-29 PRESS SAFETY LINE B	W- 1B (1544) SAFE END - 45° ELBOW	PT NAD	B 5. 40
92-172 11/07/92	ISI-29 PRESS SAFETY LINE B	W- 7 (824) PIPE - ELBOW	PT NAD	B 9. 11
92-173 11/07/92	ISI-30 REACTOR VESSEL SIS B	W- 4 REDUCER - 23° ELBOW	PT NAD	B 9. 11
92-174 11/07/92	ISI-29 PRESS SAFETY LINE A	W- 3 (827) 45° ELBOW - PIPE	PT NAD	B 9. 11
92-175 11/09/92	ISI-31 PRESSURIZER RELIEF	W- 1 S.E. NOZZLE - SAFE END	PT NAD	B 5. 40 UT Not done.
92-176 11/09/92	ISI-31 PRESSURIZER RELIEF	W- 1B SAFE END - 45° ELBOW	PT NAD	B 9. 21

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92-177R 11/13/92	ISI- 6 RTD RETURN 'A'	W-R Branch - Pipe	PT NAD	B 9. 31 Indication; Re-Work SAT.
92-178 11/09/92	ISI-54 RHR SUCTION PUMP 'A'	PEN 9 ANCHOR/C ANCHOR	VT3 NAD	F-A,B,C
92-179R 11/09/92	ISI-54 RHR SUCTION PUMP 'A'	9-RHR-12/A RUPTURE RESTRAINT	VT3 NAD	F-A,B,C Bolt UNSAT; Accepted by Evaluation.
92-180 11/10/92	ISI-51A MAIN STEAM 'A'	MS- 4 ELBOW - PIPE	MT NAD	B 9. 11 Limited Access.
92-181 11/09/92	ISI-68C Main Steam B	MS- B3 / LS U&D Pipe/Elbow HELB	UT45 NAD	FSAR
92-182 11/09/92	ISI-68C Main Steam B	MS- B2 / LS U&D Pipe/Pipe HELB	UT45 NAD	FSAR
92-183 11/10/92	ISI-11D SEAL INJ LOOP 'A'	W-48A FLANGE - PIPE	PT NAD	B 9. 21
92-184 11/10/92	ISI-18 10 RHR RETURN LOOP B	W- 2 ELBOW - PIPE	PT NAD	B 9. 11
92-185 11/10/92	ISI-19B 8" RHR TAKE OFF 'B'	1032C WELDED ATTACHMENT	PT NAD	B10. 10 Limited Access.
92-186 11/10/92	ISI-19B 8" RHR TAKE OFF 'B'	1032B WELDED ATTACHMENT	PT NAD	B10. 10 Limited Access.
92-187 11/10/92	ISI-11A SEAL INJ LOOP 'A'	W- 1 FLANGE - PIPE	PT NAD	B 9. 21
92-188 11/10/92	ISI-51A MAIN STEAM 'A'	MS- 4 ELBOW - PIPE	UT45 NAD	B 9. 11 Limited Access.
92-189 11/10/92	ISI-19B 8" RHR TAKE OFF 'B'	W-10 PIPE - ELBOW	UT45 NAD	B 9. 11 Limited Access.
92-190 11/10/92	ISI-19B 8" RHR TAKE OFF 'B'	W- 9 Valve - PIPE	UT45 NAD	B 9. 11 Limited Access.
92-191 11/01/92	XH-106-129 Feedwater	FW- 94 Pipe / Tee HELB	MT NAD	FSAR
92-192R 11/11/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-1B/I SEISMIC RESTRAINT	VT3 NAD	F-A,B,C Thread Engagement; Accepted.
92-193R 12/08/92	ISI-56 RHR PUMP "A" DISCH	RHRH-46/J SWAY STRUT	VT3 NAD	F-A,B,C Bolts not flush; Re-Work SAT.
92-194 11/11/92	ISI-56 RHR PUMP "A" DISCH	RHRH-45/I DOUBLE SPRING HANGER	VT3 NAD	F-A,B,C
92-195 11/11/92	ISI- 7 RTD TAKE OFF 'A' CLD	W-22 ELBOW - TEE	PT NAD	B 9. 40
92-196 11/11/92	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-11 RC PUMP - PIPE	PT NAD	B 5. 70
92-197 11/11/92	ISI-12 S.G REACTOR COOLANT 'A'	RCC-A-6 ELBOW - PIPE	PT NAD	B 9. 11
92-199R 11/11/92	ISI-82 S.I. PUMP SUCTION	SIH-93/I RIGID SUPPORT	VT3 NAD	F-A,B,C Bent Rod; Accepted.

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92-200 11/11/92	ISI-22 2" RTD TAKEOFF CLD B	W-R Branch - Pipe	PT NAD	B 9. 31
92-201 11/12/92	ISI-84 S.I. PUMP SUCTION	SIH-80/U RIGID HANGER	VT3 NAD	F-A,B,C
92-202 11/12/92	ISI-84 S.I. PUMP SUCTION	SIH-89/L RESTRAINT	VT3 NAD	F-A,B,C
92-203 11/12/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-62/S ANCHOR	VT3 NAD	F-A,B,C
92-204 12/01/92	ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	UT45 NAD	C 5. 31 PSI.
92-205 12/01/92	ISI-69A FEEDWATER LOOP 'B'	FW-216R Reducer / Nozzle	UT45 NAD	C 5. 21 PSI.
92-206 11/12/92	ISI-43 STEAM GENERATOR #11	W-H TOP HEAD - SHELL	UT_0 NAD	C 1. 20 Limited Exam.
92-207R 12/23/92	ISI-45 STEAM GENERATOR #11	OUTLET 1-16 MANWAY BOLTS	VT1 NAD	B 7. 30 Gouge, pits; Replaced.
92-212 11/13/92	ISI-84 S.I. PUMP SUCTION	SIH-83/R RIGID HANGER	VT3 NAD	F-A,B,C
92-213 11/13/92	ISI-84 S.I. PUMP SUCTION	SIH-86/O RESTRAINT	VT3 NAD	F-A,B,C
92-214 11/13/92	ISI-84 S.I. PUMP SUCTION	SIH-88/M RESTRAINT	VT3 NAD	F-A,B,C
92-215 11/13/92	NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	PT NAD	B 9. 11 PSI.
92-216 11/13/92	NQ-159008 RCS Draindown Loop A	A- 3 Reducer - Elbow	PT NAD	B 9. 21 PSI.
92-217 11/13/92	NQ-159008 RCS Draindown Loop A	A- 4 Elbow - Pipe	PT NAD	B 9. 21 PSI.
92-218 11/13/92	NQ-159008 RCS Draindown Loop A	A- 5 Pipe - Elbow	PT NAD	B 9. 21 PSI.
92-219 11/13/92	NQ-159008 RCS Draindown Loop A	A- 6 Elbow - Pipe	PT NAD	B 9. 21 PSI.
92-220 11/13/92	NQ-159008 RCS Draindown Loop A	A- 7 Pipe - Valve	PT NAD	B 9. 21 PSI.
92-221 11/13/92	NQ-159008 RCS Draindown Loop A	A- 8 Valve - Pipe	PT NAD	B 9. 21 PSI.
92-222 11/13/92	NQ-159008 RCS Draindown Loop A	A- 9 Pipe - Valve	PT NAD	B 9. 21 PSI.
92-223 11/13/92	ISI-90 R. V. SAFETY INJ.	SIRH- 9/D HYDR SNUBBER	VT3 NAD	F-A,B,C
92-224 11/13/92	ISI-90 R. V. SAFETY INJ.	RHRRH-2/F SEISMIC SUPPORT	VT3 NAD	F-A,B,C
92-225R 11/24/92	ISI-90 R. V. SAFETY INJ.	RHRRH-4/H SPRING HANGER	VT3 NAD	F-A,B,C See DRR # 92-238. Thrd Engage; Acc.

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92-226R 11/26/92	ISI-90 R. V. SAFETY INJ.	RHRH-7/I SWAY STRUT	VT3 NAD	F-A,B,C Loose Bolt; Re-Work SAT.
92-231 11/14/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-57/F SEISMIC RESTRAINT	VT3 NAD	F-A,B,C
92-232 11/14/92	NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	UT45 NAD	B 9. 11 PSI.
92-233 11/14/92	NQ-159008 RCS Draindown Loop A	A- 2 Pipe - Reducer	UT 0 NAD	B 9. 11 PSI.
92-234 11/14/92	NQ-159005 RCS Draindown Loop A	A- 1 Tee - Pipe	PT NAD	B 9. 21
92-235 11/14/92	NQ-159005 RCS Draindown Loop A	A- 2 Pipe - Elbow	PT NAD	B 9. 21
92-236 11/14/92	NQ-159005 RCS Draindown Loop A	A- 3 Elbow - Pipe	PT NAD	B 9. 21
92-237 11/14/92	NQ-159005 RCS Draindown Loop A	A- 4 Pipe - Valve	PT NAD	B 9. 21
92-238 11/14/92	NQ-159005 RCS Draindown Loop A	A- 5 Valve - Pipe	PT NAD	B 9. 21
92-239 11/14/92	ISI-43 STEAM GENERATOR #11	INLET 1-16 MANWAY BOLTS	VT1 NAD	B 7. 30
92-240 11/14/92	ISI-43 STEAM GENERATOR #12	INLET 1-16 MANWAY BOLTS	VT1 NAD	B 7. 30
92-241 11/14/92	ISI-43 STEAM GENERATOR #12	OUTLET 1-16 MANWAY BOLTS	VT1 NAD	B 7. 30
92-242 11/14/92	ISI-56 RHR PUMP "A" DISCH	RHRH-42/F SUPPORT	VT3 NAD	F-A,B,C
92-243 11/14/92	ISI-77 RHR SUCTION 'B'	RHRH-12/E SUPPORT	VT3 NAD	F-A,B,C
92-244 11/14/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-29/D SPRING HANGER	VT3 NAD	F-A,B,C
92-245 11/14/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-55/V SWAY STRUT ASSY	VT3 NAD	F-A,B,C
92-246 11/14/92	ISI-43 STEAM GENERATOR #11	W-H TOP HEAD - SHELL	UT60 IND	C 1. 20 Linear; Accepted by Evaluation.
92-247 11/14/92	ISI-77 RHR SUCTION 'B'	RHRH-11/D DOUBLE SPRING HANGER	VT3 NAD	F-A,B,C
92-248 11/14/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-28/B SPRING BASE	VT3 NAD	F-A,B,C
92-253 11/16/92	ISI-73 PRESSURIZER BASE	BASE BLTS 1-24 ANCHOR BOLTS	VT3 NAD	F-A,B,C
92-254 11/11/92	ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	UT45 NAD	C 5. 21 PSI.
92-255 11/11/92	ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	UT45 IND	C 5. 21 PSI Linear IND. Accepted by Evaluation.

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92-256 11/16/92	ISI-27A 2"-1.5" SEAL INJ'B'	W- 2A TEE - PIPE	PT NAD	B 9. 21
92-257 11/12/92	ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	UT45 NAD	C 5. 21
92-258 11/16/92	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-11 RC PUMP - PIPE	UT45 NAD	B 5. 70
92-259 11/16/92	ISI-12 S.G REACTOR COOLANT 'A'	RCC-A-6 ELBOW - PIPE	UT45 NAD	B 9. 11
92-260 11/17/92	XH-106-129 Feedwater	FW- 94 Pipe / Tee	UT45 NAD	FSAR
92-261 11/17/92	XH-106-129 Feedwater	FW- 94 Pipe / Tee	UT 0 NAD	FSAR
92-262 11/17/92	ISI- 4 SIS HIGH HEAD 'A'	W- 1 ELBOW - BRANCH	UT45 NAD	B 9. 11 Limited Exam.
92-263 11/16/92	ISI-85 ACC ACCUMULATOR DISCH	W-1317 Valve - PIPE	UT45 NAD	C 5. 21 Limited Exam
92-264 11/16/92	ISI-17 12" ACCUMULATOR DSCH	W-13 Valve - Elbow	UT45 NAD	B 9. 11 Limited Exam.
92-265 11/16/92	ISI-17 12" ACCUMULATOR DSCH	W-11 PIPE - ELBOW	UT45 NAD	B 9. 11 Limited Exam.
92-266 11/18/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-27/M SPRING HANGER	VT3 NAD	F-A,B,C
92-267 11/18/92	ISI-54 RHR SUCTION PUMP 'A'	RHRH-26/N SEISMIC RESTRAINT	VT3 NAD	F-A,B,C
92-268 11/18/92	ISI-55 RHR PUMP "A" DISCH	W- 130 PIPE - 45°ELBOW	PT NAD	C 5. 11
92-269 11/18/92	ISI-55 RHR PUMP "A" DISCH	W- 126 PIPE - FLANGE	PT NAD	C 5. 11
92-270 11/18/92	ISI- 4 SIS HIGH HEAD 'A'	W- 1 ELBOW - BRANCH	PT NAD	B 9. 11
92-271 11/23/92	ISI-10 DRN (ON CROSSOVER) A	W- 1 BRANCH - PIPE	PT NAD	B 9. 40
92-272 11/18/92	ISI- 5A SPRAY TO PRESSURIZER	W-928 Valve - Pipe	PT NAD	B 9. 21 PSI.
92-273 11/18/92	ISI- 5A SPRAY TO PRESSURIZER	W-929 Pipe - Valve	PT NAD	B 9. 21
92-274 11/18/92	NQ-159005 RCS Draindown Loop A	A- 6 Pipe - Valve	PT NAD	B 9. 21
92-275 11/18/92	ISI-32 AUXILIARY SPRAY	1063 Pipe - Tee	PT NAD	B 9. 21 PSI
92-276 11/18/92	ISI-32 AUXILIARY SPRAY	1064 Tee - Pipe	PT NAD	B 9. 21 PSI.
92-277 11/18/92	NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	UT45 NAD	B 9. 11 PSI. Limited Exam.

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92-278 11/18/92	NQ-159008 RCS Draindown Loop A	A- 1 Sweepolet - Pipe	UT_0 NAD	B 9. 11 PSI.
92-279 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	MT NAD	C 5. 31
92-280 11/19/92	ISI- 3A RHR LOOP 'A'	W- 1 BRANCH - PIPE	PT NAD	B 9. 11
92-281 11/19/92	ISI- 6 RTD RETURN 'A'	W- 4 PIPE - Valve	PT NAD	B 9. 21
92-282 11/19/92	ISI- 8 RTD TAKE OFF 'A' HOT	RC-1-11 Valve Bolting	VT1 NAD	B 7. 70
92-283 11/19/92	ISI- 3A RHR LOOP 'A'	W- 1 BRANCH - PIPE	UT45 NAD	B 9. 11 Limited Exam.
92-284 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	MT NAD	C 5. 21 PSI
92-285 11/20/92	ISI-20 6" SIS HIGH HEAD 'B'	W- 2 Valve - ELBOW	UT45 NAD	B 9. 11 PSI
92-286 11/20/92	ISI-18 10 RHR RETURN LOOP B	W- 2 ELBOW - PIPE	UT45 NAD	B 9. 11
92-288 11/20/92	ISI-42 PRESSURIZER SAFETY	MNWAY BLTS 1-16 MANWAY BOLTS	VT1 NAD	B 7. 20
92-289R 12/16/92	ISI-38 R.V. CONOSEAL BLTING	MARMON CLAMP MARMON CLAMP	VT1 NAD	B 7. 10 Corrosion; Re-Work SAT.
92-290R 12/08/92	ISI-25 2" CROSSOVER DR 'B'	W- 8 PIPE - Valve	PT NAD	B 9. 21 Linears; Re-Work SAT.
92-291 11/20/92	ISI-26 2" CVCS LETDOWN 'B'	W-11 PIPE - ELBOW 45°	PT NAD	B 9. 21
92-292 11/20/92	ISI- 3C RHR LOOP 'A'	1009A WELDED ATTACHMENT	PT NAD	B10. 10
92-293 11/20/92	ISI- 3C RHR LOOP 'A'	1009B WELDED ATTACHMENT	PT NAD	B10. 10
92-295 11/18/92	ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	UT45 GEO	C 5. 21 PSI
92-296 11/21/92	ISI-32 AUXILIARY SPRAY	W- 1C PIPE - VALVE	PT NAD	B 9. 21
92-297 11/21/92	ISI-32 AUXILIARY SPRAY	W- 1 TEE - PIPE	PT NAD	B 9. 21
92-298 11/21/92	ISI-33 LOW HEAD RV INJ 'A'	W- 9 (1873) TEE - PIPE	PT NAD	B 9. 21
92-299 11/21/92	ISI-33 LOW HEAD RV INJ 'A'	W-11 (1867) PIPE - TEE	PT NAD	B 9. 21
92-300 11/21/92	ISI-33 LOW HEAD RV INJ 'B'	W- 7 (1906) PIPE - ELBOW	PT NAD	B 9. 21
92-301 11/21/92	ISI-33 LOW HEAD RV INJ 'B'	W- 6 ELBOW - PIPE	PT NAD	B 9. 21

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92-302 11/21/92	ISI-33 LOW HEAD RV INJ 'B'	W- 1 BRANCH	PT NAD	B 9. 32
92-303 11/21/92	ISI-33 LOW HEAD RV INJ 'A'	W- 7 (1875) ELBOW - PIPE	PT NAD	B 9. 21
92-304 11/21/92	ISI-78 RHR PUMP 'B' DISCH	SI-109 REDUCING TEE - ELBOW	PT NAD	C 5. 10
92-305 11/21/92	ISI-76 RHR SUCTION 'B'	37 REDUCER - RED. TEE	PT NAD	C 5. 10 Long Seam by Procedure.
92-306 11/21/92	ISI-76 RHR SUCTION 'B'	45 / LS U PIPE - ELBOW	PT NAD	C 5. 10
92-307R 12/08/92	ISI-78 RHR PUMP 'B' DISCH	W-138 TEE- PIPE	PT NAD	C 5. 11 Undercut; Re-Work SAT.
92-308 11/21/92	ISI-78 RHR PUMP 'B' DISCH	W-243 TEE - FLANGE	PT NAD	C 5. 11 Limited Exam.
92-309R 12/08/92	ISI-78 RHR PUMP 'B' DISCH	W-193 / LS U ELBOW - PIPE	PT NAD	C 5. 10 Undercut; Re-Work SAT.
92-310R 12/08/92	ISI-76 RHR SUCTION 'B'	42 / LS U PIPE - TEE	PT NAD	C 5. 10 Linears; Re-Work SAT.
92-311 11/21/92	ISI-29 PRESS SAFETY LINE B	W- 1B (1544) SAFE END - 45° ELBOW	UT45 NAD	B 5. 40 Limited Exam.
92-312 11/21/92	ISI-29 PRESS SAFETY LINE B	W- 7 (824) PIPE - ELBOW	UT45 NAD	B 9. 11
92-313 11/21/92	ISI-29 PRESS SAFETY LINE A	W- 1B (1545) SAFE END - 45° ELBOW	UT45 NAD	B 5. 40 Limited Exam.
92-314 11/21/92	ISI-29 PRESS SAFETY LINE A	W- 3 (827) 45° ELBOW - PIPE	UT45 NAD	B 9. 11
92-315 11/21/92	ISI-30 REACTOR VESSEL SIS B	W- 4 REDUCER - 23° ELBOW	UT45 NAD	B 9. 11
92-316 11/23/92	ISI-25 2" CROSSOVER DR 'B'	W- 1 BRANCH - PIPE	PT NAD	B 9. 21
92-317 11/23/92	ISI- 3A RHR LOOP 'A'	1001B WELDED ATTACHMENT	PT NAD	B10. 10
92-318 11/21/92	ISI- 3A RHR LOOP 'A'	1001C WELDED ATTACHMENT	PT NAD	B10. 10
92-319 11/23/92	ISI-24 2"SIS HIGH HEAD 'B'	W-13 TEE - ELBOW	PT NAD	B 9. 21
92-320 11/23/92	ISI-78 RHR PUMP 'B' DISCH	W- 1 PEN #10 - PIPE - ELL	PT NAD	C 5. 11
92-321 11/21/92	ISI-85 ACC ACCUMULATOR DISCH	W-1317 Valve - PIPE	PT NAD	C 5. 21
92-322 11/23/92	XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	MT NAD	FSAR
92-323 11/23/92	ISI-52B FEEDWATER LOOP 'A'	FWH-26/W SUPPORT	VT3 NAD	F-A,B,C

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92-324 11/23/92	ISI-10 DRN (ON CROSSOVER) A	W- 4 PIPE - ELBOW	PT NAD	B 9. 21
92-325 11/23/92	ISI-24 2" SIS HIGH HEAD 'B'	W- 1 ELBOW - REDUCER	PT NAD	B 9. 21
92-326 11/23/92	XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	UT45 NAD	FSAR
92-327 11/23/92	XH-106-129 Feedwater	FW- 53 Nozzle / Pipe HELB	UT_0 NAD	FSAR
92-328 11/24/92	ISI-52B FEEDWATER LOOP 'A'	FW-128A WELDED ATTACHMENT	MT NAD	C 3. 20 Limited Exam.
92-329 11/24/92	ISI-52B FEEDWATER LOOP 'A'	FW-128B WELDED ATTACHMENT	MT NAD	C 3. 20 Limited Exam.
92-330 11/24/92	ISI-88 CONT. SUMP 'B' DISCH	211A WELDED ATTACHMENT	PT NAD	C 3. 20 Limited Exam.
92-331 11/24/92	ISI-88 CONT. SUMP 'B' DISCH	RHRH-10/A ANCHOR	VT3 NAD	F-A,B,C Limited Exam.
92-332 11/24/92	ISI-88 CONT. SUMP 'B' DISCH	215A WELDED ATTACHMENT	PT NAD	C 3. 20 Limited Exam.
92-333 11/24/92	ISI-88 CONT. SUMP 'B' DISCH	RHRH- 9/D ANCHOR	VT3 NAD	F-A,B,C Limited Exam.
92-334 11/18/92	NQ-15900B RCS Draindown Loop A	A- 1 Sweepolet - Pipe	PT NAD	B 9. 11 PSI.
92-338 11/25/92	ISI-52B FEEDWATER LOOP 'A'	FW-144 Valve - PIPE HELB	MT NAD	FSAR
92-339R 12/08/92	ISI-52B FEEDWATER LOOP 'A'	FW-145 PIPE - ELBOW HELB	MT NAD	FSAR Linear; Re-Work SAT.
92-340 11/25/92	ISI-52B FEEDWATER LOOP 'A'	FW-221 ELBOW - PIPE HELB	MT NAD	FSAR
92-341 11/26/92	ISI- 2 ACCUM. DISCHARGE 'A'	W-R Nozzle - Pipe	PT NAD	B 9. 31
92-342 11/26/92	ISI- 2 ACCUM. DISCHARGE 'A'	W- 2 PIPE - ELBOW	PT NAD	B 9. 11
92-343 11/26/92	ISI- 8 RTD TAKE OFF 'A' HOT	W-15 Valve - PIPE	PT NAD	B 9. 40 Limited Exam.
92-344 11/26/92	ISI- 8 RTD TAKE OFF 'A' HOT	W-15A PIPE - ELBOW	PT NAD	B 9. 21 Limited Exam.
92-345 11/26/92	ISI- 8 RTD TAKE OFF 'A' HOT	W-10 PIPE - RTD MANIFOLD	PT NAD	B 9. 21
92-346 11/25/92	ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	UT45 IND	C 1. 20 Linears; Accepted by Evaluation.
92-347 11/26/92	ISI-52B FEEDWATER LOOP 'A'	FW-144 Valve - PIPE HELB	UT45 NAD	FSAR
92-348 11/26/92	ISI-52B FEEDWATER LOOP 'A'	FW-145 PIPE - ELBOW HELB	UT45 NAD	FSAR

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92-349 11/26/92	ISI-52B FEEDWATER LOOP 'A'	FW-221 ELBOW - PIPE HELB	UT45 NAD	FSAR
92-350 11/26/92	ISI- 7 RTD TAKE OFF 'A' CLD	W-13 Valve - PIPE	PT NAD	B 9. 21
92-351 11/27/92	ISI-7B RHR PUMP 'B' DISCH	W-222 / LS U ELBOW - PIPE	PT NAD	C 5. 10
92-352 11/27/92	ISI-80 R.W.S.T.D.	213 / LS U ELBOW - Valve	PT NAD	C 5. 10
92-353 11/25/92	ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	UT_0 NAD	C 1. 20
92-354 11/27/92	ISI-10 DRN (ON CROSSOVER) A	RPCH-13/C SPRING HANGER	VT3 NAD	F-A,B,C
92-355 11/25/92	ISI-43 STEAM GENERATOR #12	W-H TOP HEAD - SHELL	UT60 IND	C 1. 20 Linears; Accepted by Evalution.
92-356 11/27/92	ISI- 2 ACCUM. DISCHARGE 'A'	W-R Nozzle - Pipe	UT45 NAD	B 9. 31 Limited Exam.
92-357 11/27/92	ISI- 2 ACCUM. DISCHARGE 'A'	W- 2 PIPE - ELBOW	UT45 NAD	B 9. 11
92-358 11/30/92	ISI- 9 SIS HIGH HEAD 'A' C	W- 6 Valve - Pipe	PT NAD	B 9. 40
92-359 11/30/92	ISI-17 12" ACCUMULATOR DSCH	W-11 PIPE - ELBOW	PT NAD	B 9. 11
92-360 11/30/92	ISI-17 12" ACCUMULATOR DSCH	W-13 Valve - Elbow	PT NAD	B 9. 11
92-361R 12/16/92	ISI-18 10 RHR RETURN LOOP B	25A WELDED ATTACHMENT	PT NAD	B 9. 11 Indications; Re-Work SAT.
92-362R 12/16/92	ISI-18 10 RHR RETURN LOOP B	25D WELDED ATTACHMENT	PT NAD	B10. 10 Indications; Re-Work SAT.
92-363 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	MT NAD	C 5. 21 PSI.
92-364 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-216R Pipe / Reducer	MT NAD	C 5. 21 PSI.
92-365 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	MT NAD	C 5. 21 PSI.
92-366 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	MT NAD	C 5. 31 PSI.
92-367 11/30/92	ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	MT NAD	C 5. 21 PSI.
92-368 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	MT NAD	C 5. 21 PSI.
92-383 12/01/92	XH-106-241 Main Steam A	MS- 3B / LS UD Elbow / Pipe HELB	MT NAD	FSAR
92-384 12/01/92	ISI-56 RHR PUMP 'A' DISCH	SIH-24/N ANCHOR	VT3 NAD	F-A,B,C

Prairie Island Nuclear Generating Plant, Unit 1
1717 Wakonade Drive
Welch, MN 55089

Northern States Power Company
414 Nicollet Mall
Minneapolis, MN 55401

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Report Number Exam Date	ISO System	Item Item Description	Method Results	ASME Section XI Item Remarks
92-385 12/01/92	ISI-79 RHR PUMP 'B' DISCH	SIH-17/I HANGER	VT3 NAD	F-A,B,C
92-386 12/01/92	ISI-79 RHR PUMP 'B' DISCH	SIH-16/J SEISMIC RESTRAINT	VT3 NAD	F-A,B,C
92-387 12/01/92	ISI-11D SEAL INJ LOOP 'A'	W-48B PIPE - FLANGE	PT NAD	B 9. 21 PSI. Replacement spool piece.
92-388 12/01/92	ISI-11D SEAL INJ LOOP 'A'	W-49 Valve - PIPE	PT NAD	B 9. 21 PSI. Replacement spool piece.
92-389 12/01/92	ISI-11D SEAL INJ LOOP 'A'	W-50 PIPE - Valve	PT NAD	B 9. 21 PSI. Replacement spool piece.
92-390 12/01/92	ISI-11D SEAL INJ LOOP 'A'	2076-1 Flange / Pipe	PT NAD	B 9. 21 PSI. Replacement spool piece.
92-391 12/01/92	ISI-80 R.W.S.T.D.	187 Valve - TEE	PT NAD	C 5. 10
92-392 12/01/92	ISI-82 S.I. PUMP SUCTION	101 RED. TEE - PIPE	PT NAD	C 5. 10
92-393R 12/03/92	ISI-82 S.I. PUMP SUCTION	102 PIPE - TEE	PT NAD	C 5. 10 Indication; Re-Work SAT.
92-394 12/01/92	ISI-83 S.I. PUMP SUCTION	138 PIPE - ELBOW	PT NAD	C 5. 10
92-395 12/01/92	ISI-83 S.I. PUMP SUCTION	141W PIPE - S.I. PUMP #12	PT NAD	C 5. 11
92-396 12/01/92	ISI-83 S.I. PUMP SUCTION	15 PIPE - ELBOW	PT NAD	C 5. 10
92-397 12/01/92	ISI-83 S.I. PUMP SUCTION	17W FLANGE - PIPE	PT NAD	C 5. 10
92-398 12/01/92	ISI-83 S.I. PUMP SUCTION	12 ELBOW - TEE	PT NAD	C 5. 10
92-400R 12/03/92	ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	MT NAD	C 5. 21 Linears; Re-Work SAT.
92-401 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	MT NAD	C 5. 21 PSI
92-402 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	MT NAD	C 5. 21 PSI
92-403 12/02/92	ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	MT NAD	C 5. 21 PSI
92-404 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-216R Pipe / Reducer	UT 0 NAD	C 5. 21 PSI
92-405 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-215R Sweepolet / Pipe	UT 0 NAD	C 5. 31 PSI.
92-406 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	UT 0 NAD	C 5. 21 PSI
92-407 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	UT 0 NAD	C 5. 21 PSI.

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Report Number Exam Date	ISO System	Item Item Description	Method Results	ASME Section XI Item Remarks
92-408 11/30/92	ISI-69A FEEDWATER LOOP 'B'	AFW-129R Reducer / Pipe	UT_0 NAD	C 5. 21 PSI.
92-409 11/30/92	ISI-69A FEEDWATER LOOP 'B'	FW-217R Pipe / Sweepolet	UT_0 NAD	C 5. 21 PSI.
92-410 12/01/92	ISI-69A FEEDWATER LOOP 'B'	FW-214R Elbow / Pipe	UT45 GEO	C 5. 21 PSI.
92-411 12/01/92	ISI-69A FEEDWATER LOOP 'B'	FW-216AR Reducer / Nozzle	UT45 NAD	C 5. 21 PSI
92-412 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	UT45 NAD	C 5. 21 PSI
92-413 12/02/92	ISI-78 RHR PUMP 'B' DISCH	SI-129 ELBOW - PIPE	PT NAD	C 5. 11
92-414 12/02/92	ISI-80 R.W.S.T.D.	179 / LS ELBOW - ELBOW	PT NAD	C 5. 10
92-415 12/02/92	ISI-80 R.W.S.T.D.	255 / LS UD PIPE - PIPE	PT NAD	C 5. 10
92-416 12/02/92	ISI-80 R.W.S.T.D.	183 / LS D RED. TEE - PIPE	PT NAD	C 5. 10
92-417 12/02/92	ISI-80 R.W.S.T.D.	184 / LS D RED. TEE - PIPE	PT NAD	C 5. 10
92-418 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-164AR Reducer / Nozzle	UT_0 NAD	C 5. 21 PSI
92-419 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	UT45 IND	C 5. 31 PSI Linears; Accepted by Evaluation.
92-420 12/03/92	ISI-52A FEEDWATER LOOP 'A'	AFW-202R Reducer / Pipe	UT_0 NAD	C 5. 21 PSI
92-421 12/03/92	ISI-52A FEEDWATER LOOP 'A'	FW-165R Pipe / Sweepolet	UT_0 NAD	C 5. 21 PSI
92-422 12/03/92	ISI-79 RHR PUMP 'B' DISCH	RHRH-64/C SWAY STRUT	VT3 NAD	F-A,B,C
92-434 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-163R Sweepolet / Pipe	UT_0 NAD	C 5. 31 PSI
92-435 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	UT_0 NAD	C 5. 21 PSI
92-436 12/02/92	ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	UT_0 NAD	C 5. 21 PSI
92-464 12/04/92	ISI-55 RHR PUMP 'A' DISCH	W- 128 PIPE - ELBOW	PT NAD	C 5. 11
92-465 12/04/92	ISI-55 RHR PUMP 'A' DISCH	W- 131 ELBOW - PIPE	PT NAD	C 5. 11
92-466 12/04/92	ISI-52A FEEDWATER LOOP 'A'	FW-164R Pipe / Reducer	UT45 GEO	C 5. 21 PSI.
92-467 12/04/92	ISI-52A FEEDWATER LOOP 'A'	FW-162R Elbow / Pipe	UT45 GEO	C 5. 21 PSI.

Prairie Island Nuclear Generating Plant, Unit 1
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Report Number Exam Date	ISO System	Item Item Description	Method Results	ASME Section XI Item Remarks
92-468 12/05/92	ISI-53 RHR SUCTION PUMP 'A'	23 / LS U ELBOW - PIPE	PT NAD	C 5. 10
92-469R 12/07/92	ISI-78 RHR PUMP 'B' DISCH	W-177 / LS U ELBOW - PIPE	PT NAD	C 5. 10 Linear; Re-Work SAT.
92-470 12/05/92	ISI-55 RHR PUMP "A" DISCH	W- 245 TEE - FLANGE	PT NAD	C 5. 11 Limited Exam.
92-471 12/05/92	ISI-55 RHR PUMP "A" DISCH	W- 246 FLANGE - Valve	PT NAD	C 5. 11
92-472 12/07/92	ISI-53 RHR SUCTION PUMP 'A'	27 / LS ELBOW - PIPE	PT NAD	C 5. 10
92-473 12/07/92	ISI-53 RHR SUCTION PUMP 'A'	17 / LS D PIPE - ELBOW	PT NAD	C 5. 10
92-474 12/07/92	XH-106-241 Main Steam A	MS- 38 / LS UD Elbow / Pipe HELB	UT45 NAD	FSAR
92-480 12/08/92	ISI-11D SEAL INJ LOOP 'A'	Bolts @ 2076-1 Flange Bolts	VT1 NAD	B 7. 70 PSI
92-481 12/08/92	ISI-53 RHR SUCTION PUMP 'A'	29 / LS RED. TEE - REDUCER	PT NAD	C 5. 10
92-482 12/09/92	ISI-91 ALT CONT SP SUCTION	229 ELBOW - PIPE	PT NAD	C 5. 11
92-483 12/09/92	ISI-91 ALT CONT SP SUCTION	269 FLANGE - PIPE	PT NAD	C 5. 11
92-484 12/09/92	ISI-91 ALT CONT SP SUCTION	270 FLANGE - PIPE	PT NAD	C 5. 11
92-485 12/09/92	ISI-91 ALT CONT SP SUCTION	230 ELBOW - PIPE	PT NAD	C 5. 11
92-486 12/10/92	ISI-51C MAIN STEAM 'A'	MS-28 / LS U&D Pipe - Pipe HELB	MT NAD	FSAR
92-487 12/10/92	ISI-68C MAINSTEAM 'B'	MS- 81 / LS D Valve - Pipe HELB	MT NAD	FSAR
92-488 12/10/92	ISI-68C MAINSTEAM 'B'	MS- 81 / LS D Valve - Pipe HELB	UT45 NAD	FSAR Limited Exam.
92-489 12/10/92	ISI-51C MAIN STEAM 'A'	MS-28 / LS U&D Pipe - Pipe HELB	UT45 NAD	FSAR
92-490R 12/18/92	ISI-28 10" PRESSURIZER SURG	RCRH-43/D SPRING HANGER	VT3 NAD	F-A,B,C PSI. Shims; Re-Work SAT.
92-491R 12/16/92	ISI-26 2" CVCS LETDOWN 'B'	W- 5 Valve - PIPE	PT NAD	B 9. 21 Linear; Re-Work SAT.
92-492 12/14/92	ISI-51B MAIN STEAM 'A'	MS- 11 / LS D Pipe / Pipe HELB	UT45 NAD	FSAR Limited Exam.
92-495 12/12/92	ISI-51B MAIN STEAM 'A'	MS- 11 / LS D Pipe / Pipe HELB	MT NAD	FSAR Limited Exam.
92-496 12/21/92	XH-106-241 Main Steam B	MS-107 / LS U Pipe/Stop Valve HELB	MT NAD	FSAR

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Inservice Inspection Report Log
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Commercial Service Date: December 16, 1973

04/05/93

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Report Number Exam Date	ISO System	Item Item Description	Method Results	ASME Section XI Item Remarks
92-497 12/21/92	ISI-68C Main Steam B	MS- B2 / LS U&D Pipe/Pipe HELB	MT NAD	FSAR
92-498R 12/28/92	ISI-27A 2"-1.5" SEAL INJ'B'	W-12R Valve - Pipe	PT NAD	B 9. 21 PSI. Linears; Re-Work SAT.
92-499R 12/28/92	ISI-27A 2"-1.5" SEAL INJ'B'	W-13R PIPE - Valve	PT NAD	B 9. 21 PSI. Linears; Re-Work SAT.
92-500 12/21/92	XH-106-241 Main Steam B	MS-107 / LS U Pipe/Stop Valve HELB	UT45 NAD	FSAR
92-501 12/29/92	ISI-30 REACTOR VESSEL SIS B	W- 2 BENT PIPE - SAFE END	PT NAD	B 5.130
92-502 12/29/92	ISI-30 REACTOR VESSEL SIS B	W- 2 BENT PIPE - SAFE END	UT45 NAD	B 5.130
92-503 12/30/92	ISI-12 R.V REACTOR COOLANT 'A'	RCC-A-1 SAFE END - PIPE	PT NAD	B 5. 70
92-504 12/30/92	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-14 PIPE - SAFE END	PT NAD	B 5. 70
92-505 12/30/92	ISI-12 R.C REACTOR COOLANT 'A'	RCC-A-14 S.E. SAFE END - NOZZLE	PT NAD	B 5. 70
92-506 12/30/92	ISI-13 R.C REACTOR COOLANT 'B'	RCC-B-14 S.E. SAFE END - NOZZLE	PT NAD	B 5. 10

Appendix D - Results of Section XI VT-2 Examinations

System	Procedure No.	Date	Results
RCS (RX Cool.)	SP 1174.20	01/10/93	Sat
DG (Diesel Gen.)	SP 1168.2A	05/28/91	Sat
DG	SP 1168.2B	05/29/91	Sat
DC (Diesel Cooling)	SP 1168.3	05/24/91	Sat
CC (Component Cool.)	SP 1168.4	05/30/91	Sat
AF (Aux Feed Water)	SP 1168.6	06/04/91	Sat
Caustic Addition	SP 1168.7	05/29/91	Sat
CW (Cooling Water)	SP 1168.8	06/25/91	Sat
Chilled Water	SP 1168.9	05/16/91	Sat
RHR	SP 1168.10	06/01/91	Sat
Main/Aux Stm Dump	SP 1168.11	06/01/91	Sat
SI Accumaltor	SP 1168.12	06/01/91	Sat
SI (Safety Inj.)	SP 1168.13	06/16/91	Sat
Cont. Spray	SP 1168.14	06/24/91	Sat
Post LOCA H2	SP 1168.15	06/06/91	Sat
CVCS	SP 1168.16	06/01/91	Sat
FW & AFW	SP 1168.17	05/24/91	Sat
Sampling	SP 1168.19	06/06/91	Sat
Boric Acid	SP 1168.21	05/20/91	Sat

NORTHERN STATES POWER
PRAIRIE ISLAND UNIT 1

ISI SUMMARY REPORT
R 15 1992/93

Appendix E - Results of 9-92 Steam Generator Eddy Current Exams

Pages 1 to 4 and Attachments

Page 1 of 1

RESULTS OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS

0992 LEAKER OUTAGE

During the September 1992 unscheduled leaker outage 100% of all accessible tubes, excluding sleeved tubes in steam generator 12 hot leg were examined as part of an engineering surveillance to insure reliable steam generator operation until the next schedule refueling outage. The examination was conducted utilizing the multifrequency eddy current technique. The program was as follows:

1. Hot leg examinations were performed from the first 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.
2. Previously degraded tubes (79 total) were examined from the hot leg to various extents through the tube end on the hot leg side. Three previously degraded tubes were not examined during this inspection do to sleeves in the hot leg and ALARA concerns with examining three tubes from the cold leg. These examinations were completed using magnetically biased 0.720 inch diameter bobbin probes.
3. The motorized rotating pancake coil (MRPC) technique was utilized extensively to examine 140 intersections. The inspection strategy was to supplement the bobbin coil data to further characterize: indications of percent through wall, manufacturing burnish marks, undefined indications and distorted indications.

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 version 14 with ANALYSIS proto 5D, RPC proto 5D and CRACKMAP rev. 3.

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

Cumulative lists and tube sheet maps of indications by depth range, tubes plugged this outage, and total tubes plugged to date are listed on page 3 and attached.

NORTHERN STATES POWER
INSERVICE INSPECTION

SUMMARY REPORT
PRAIRIE ISLAND UNIT #1, 1992

TABLE I
Distribution of indications 0992 outage

<u>S/G NO.</u>	<u>0 - 19%</u>	<u>20 - 29%</u>	<u>30 - 39%</u>	<u>40 - 100%</u>
12	22	4	2	27

TABLE II
Tubes plugged 0992 outage

<u>S/G NO.</u>	<u>ROW</u>	<u>COLUMN</u>	<u>%TWD</u>	<u>LOCATION</u>
12	5	12	MAI	TRH + 6.5
12	15	12	MAI	TRH + 8.8
12	11	13	MAI	TRH + 0.3 TO 14.6
12	4	28	SAI	TRH + 1.6
12	13	28	SAI	TRH + 6.8
12	17	28	MAI	TRH + 0.0 TO 21.2
12	14	30	SAI	TRH + 0.8 TO 3.7
12	15	30	SAI	TRH + 0.8
12	16	30	SAI	TRH + 0.5
12	20	33	MAI	TRH + 2.1
12	5	36	SAI	TRH + 0.5
12	6	37	MAI	TRH + 0.1
			SAI	TRH + 1.3
			SAI	TRH + 2.4
12	7	39	MAI	TRH + 0.6 TO 2.6
12	15	40	MAI	TRH + 0.1
12	42	42	SAI	TRH + 14.3
12	12	43	SAI	TRH + 1.1 TO 6.3
			SAI	TRH + 5.0
12	13	43	94	TRH + 4.2 TO 13.2
			MAI	TRH + 0.9 TO 10.8
12	17	43	MAI	TRH + 0.4 TO 8.5
12	14	45	MAI	TRH + 1.4 TO 6.4
12	18	47	MAI	TRH + 0.1
12	2	49	MAI	TRH + 0.1
			MAI	TRH + 0.9
12	3	50	MAI	TRH + 2.2 TO 6.2
12	5	50	MAI	TRH + 5.9
12	8	51	SAI	TRH + 4.0
12	2	53	SAI	TRH + 0.0
12	15	61	MAI	TRH + 0.0
12	2	73	SAI	TRH + 0.6 TO 1.6

TABLE III
Total tubes plugged to date (1092)

<u>S/G NO.</u>	<u>TUBE COUNT</u>	<u>PERCENT</u>
12	99	2.92

LEGEND OF FIELDS AND CODES

FIELD	EXPLANATION	
ROW	Row number of tube location	
COL	Column number of tube location	
LEG	Channel head tested from (H = inlet & C = outlet)	
BEG	Beginning extent of test - see below	
END	Ending extent of test - see below	
REM	Remarks - see below	
REEL	Optical disk number, side, calibration group	
PROBE	Probe size, manufacturer and type used - see below	
LOCATION	Physical Location or date of repair - see below	
VOLTS	Voltage of signal	
DEG	Degree of signal	
%	Measured percent or three digit code - see below	
CH	Channel number used for measurement	
FIELD	CODE	EXPLANATION
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
	ZN	ZS with small diameter nose cone by Zetec
BEG,END, LOCATION	TEH	Tube end hot (primary face)
	TRH	Top of roll expansion hot leg
	TSH	Tube sheet hot (secondary face)
	STH	Sleeve top hot
	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
	STC	Sleeve top cold
	TSC	Tube sheet cold (secondary face)
	TRC	Top of roll expansion cold leg
	TEC	Tube end cold (primary face)
REM	S	Supplemental RPC data
%	CIR	Circumferential RPC indication
	MAI	Multiple axial RPC indication
	PLG	Plugged tube
	SAI	Single axial RPC indication
	SLV	Sleeved tube

ATTACHMENTS

STEAM GENERATOR 12 - 0% TO 19% LIST - 2 PAGES
STEAM GENERATOR 12 - 0% TO 19% MAP - 1 PAGE

STEAM GENERATOR 12 - 20% TO 29% LIST - 1 PAGE
STEAM GENERATOR 12 - 20% TO 29% MAP - 1 PAGE

STEAM GENERATOR 12 - 30% TO 39% LIST - 1 PAGE
STEAM GENERATOR 12 - 30% TO 39% MAP - 1 PAGE

STEAM GENERATOR 12 - 40% TO 100%, CIR, MAI AND SAI LIST - 2 PAGES
STEAM GENERATOR 12 - 40% TO 100%, CIR, MAI AND SAI MAP - 1 PAGE

STEAM GENERATOR 12 - TUBES PLUGGED THIS OUTAGE LIST - 2 PAGES
STEAM GENERATOR 12 - TUBES PLUGGED THIS OUTAGE MAP - 1 PAGE

STEAM GENERATOR 12 - TOTAL TUBES PLUGGED TO DATE (1092) LIST - 8 PAGES
STEAM GENERATOR 12 - TOTAL TUBES PLUGGED TO DATE (1092) MAP - 1 PAGE

STEAM GENERATOR 12 - TOTAL TUBES SLEEVED TO DATE (1092) LIST - 8 PAGES
STEAM GENERATOR 12 - TOTAL TUBES SLEEVED TO DATE (1092) MAP - 1 PAGE

CUMULATIVE LOCATIONS REPORT ON 0992 DATA
PARADISE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2

Page: 1 of 2
Date: 01/25/92
Time: 10:01

0% TO 19% for the entire length

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	?	CH
22	23	H	01H	TEH		1A00005	720ZW	01H- 0.1	0.40	135	12	P1
27	29	H	TEC	TEH		4A00019	720ZW	03H+ 0.0	0.67	128	19	P1
40	29	H	TEC	TEH		4A00019	720ZW	06C+ 36.5	1.59	162	10	1
43	34	H	TEC	TEH		4A00019	720ZW	03H+ 0.0	1.14	130	16	P1
44	35	H	TEC	TEH		4A00019	720ZW	03H+ 0.1	1.06	130	16	P1
13	40	H	TEC	TEH		2A00010	720ZW	02C+ 2.5	1.58	154	9	1
44	59	H	01H	TEH		2A00012	720ZW	TSH+ 13.4	0.59	159	9	1
42	60	H	01C	TEH		2A00012	720ZW	01C- 0.3	1.33	134	14	P1
44	60	H	TEC	TEH		4A00019	720ZW	01C+ 0.2	2.39	128	18	P1
40	68	H	TEC	TEH		4A00019	720ZW	01C+ 0.3	2.01	135	6	P1
37	71	H	TEC	TEH		5A00022	720ZW	01C+ 0.2	0.90	132	16	P1
38	72	H	TEC	TEH		5A00022	720ZW	01C+ 0.2	1.39	138	3	P1
37	73	H	TEC	TEH		5A00022	720ZW	01C+ 0.2	1.29	137	1	P1
36	75	H	TEC	TEH		5A00022	720ZW	01C+ 0.2	1.39	134	10	P1
		H	TEC	TEH		5A00022	720ZW	03H+ 0.1	0.73	136	4	P1
35	76	H	TEC	TEH		5A00022	720ZW	02H+ 0.1	1.02	133	13	P1
35	77	H	TEC	TEH		5A00022	720ZW	01C+ 0.1	0.99	136	4	P1
35	78	H	TEC	TEH		5A00022	720ZW	01C+ 0.1	0.95	136	4	P1
33	79	H	TEC	TEH		5A00022	720ZW	03H+ 0.0	0.81	132	4	P1
29	80	H	TEC	TEH		5A00022	720ZW	01C+ 0.2	0.78	136	4	P1
29	83	H	TEC	TEH		5A00022	720ZW	01C+ 0.2	1.99	131	18	P1
19	87	H	TEC	TEH		3A00016	720ZW	01C+ 0.1	0.74	141	8	P1

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2

Page: 2 of 2
Date: 01/25/93
Time: 10:01

0% TO 19% for the entire length

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		09/92			
			BEG	END						VOLTS	DEG	%	CH
17	90	H	TEC	TEH		3A00017	720ZW	01C+	0.2	1.46	144	5	P1

NUMBER OF TUBES IN REPORT = 22

NSP

DATE: 01/25/93

TIME: 10: 05

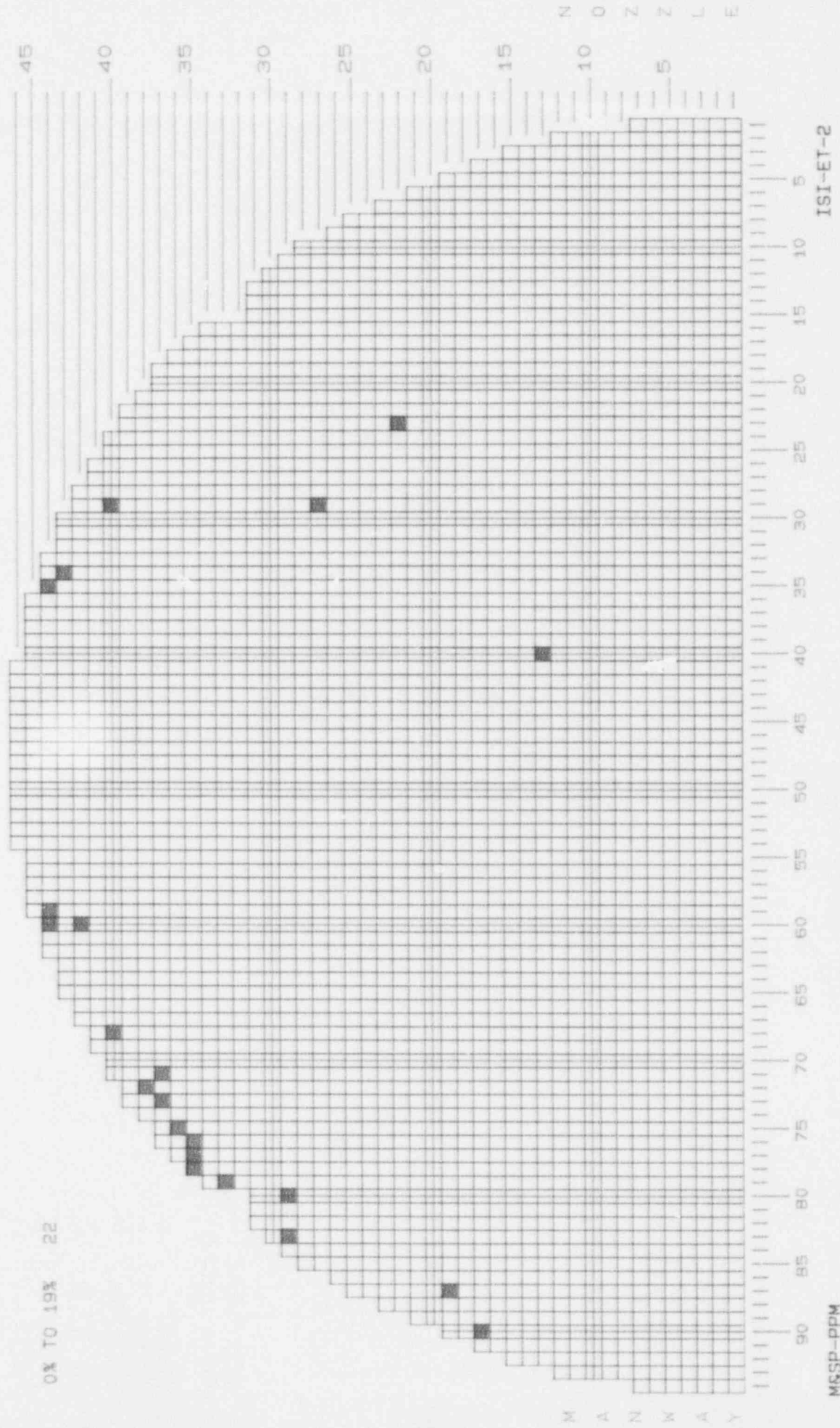
STEAM GENERATOR: 12

GROUPS: All groups included

0% TO 19% for the entire length

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-HOT LEG

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
20% TO 29% for the entire length

Page: 1 of 1
Date: 01/25/93
Time: 10:07

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
29	21	H	01H	TEH		1A00004	720ZW	TSH+ 3.0	2.29	150	23	1
13	40	H	TEC	TEH		2A00010	720ZW	02C+ 37.9	2.08	147	22	1
34	76	H	TEC	TEH		5A00022	720ZW	03H+ 0.1	1.00	130	20	P1
20	88	H	TEC	TEH		3A00016	720ZW	01C+ 0.2	0.75	133	20	P1

NUMBER OF TUBES IN REPORT = 4

NSP

DATE: 01/25/93

TIME: 10: 11

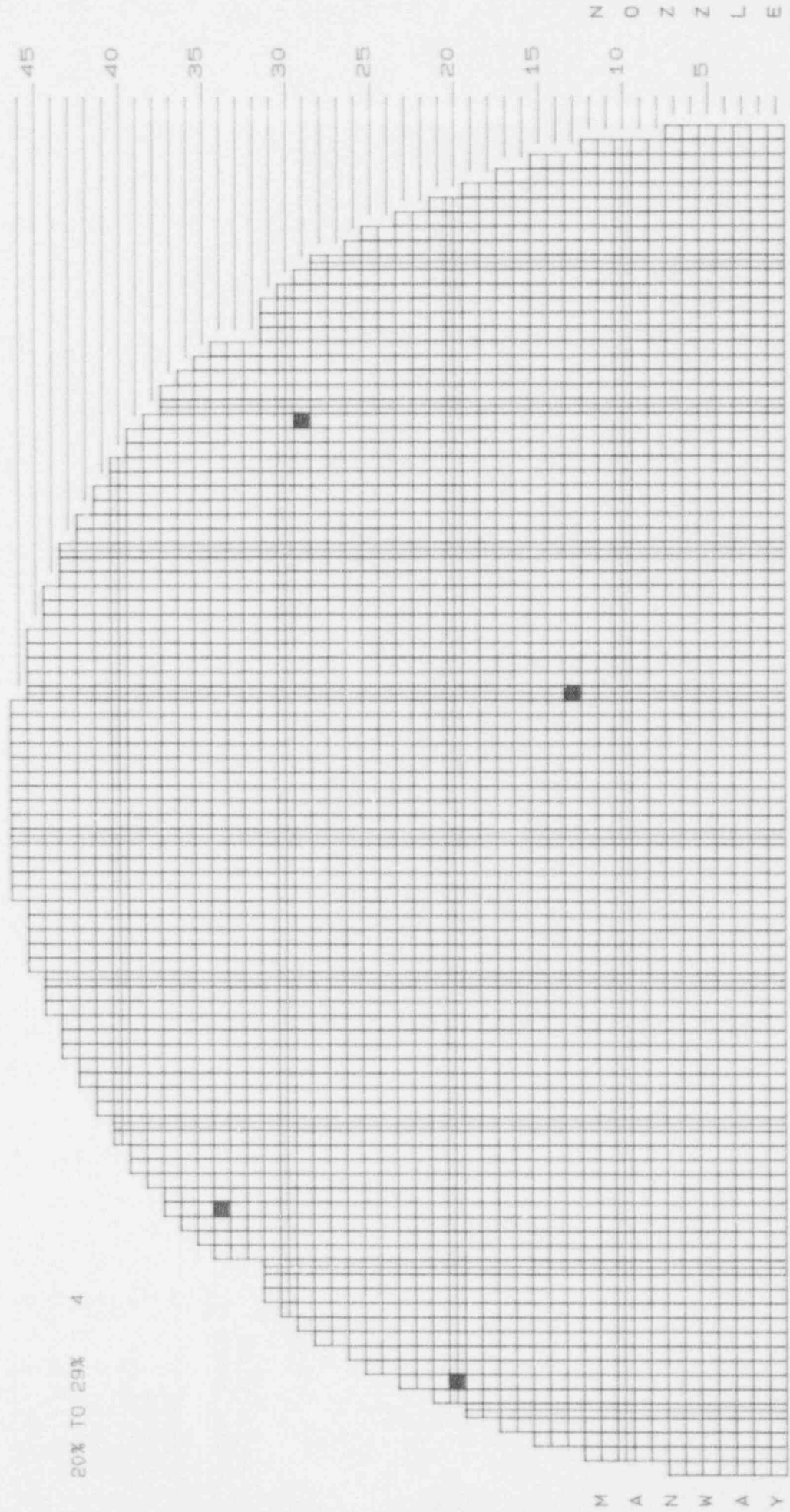
STEAM GENERATOR: 12

GROUPS: All groups included

20% TO 29% for the entire length

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-HOT LEG

PRAIRIE ISLAND, UNIT 1



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
30% TO 39% for the entire length

Page: 1 of 1
Date: 01/25/93
Time: 10:16

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
15	40	H	01H	TEH		2A00010	720ZW	TSH+ 0.3	1.33	141	31	1
43	59	H	01H	TEH		2A00012	720ZW	01H+ 0.0	1.89	119	35	P1

NUMBER OF TUBES IN REPORT = 2

NSP

DATE: 01/28/93

TIME: 10:23

STEAM GENERATOR: 12

GROUPS: All groups included

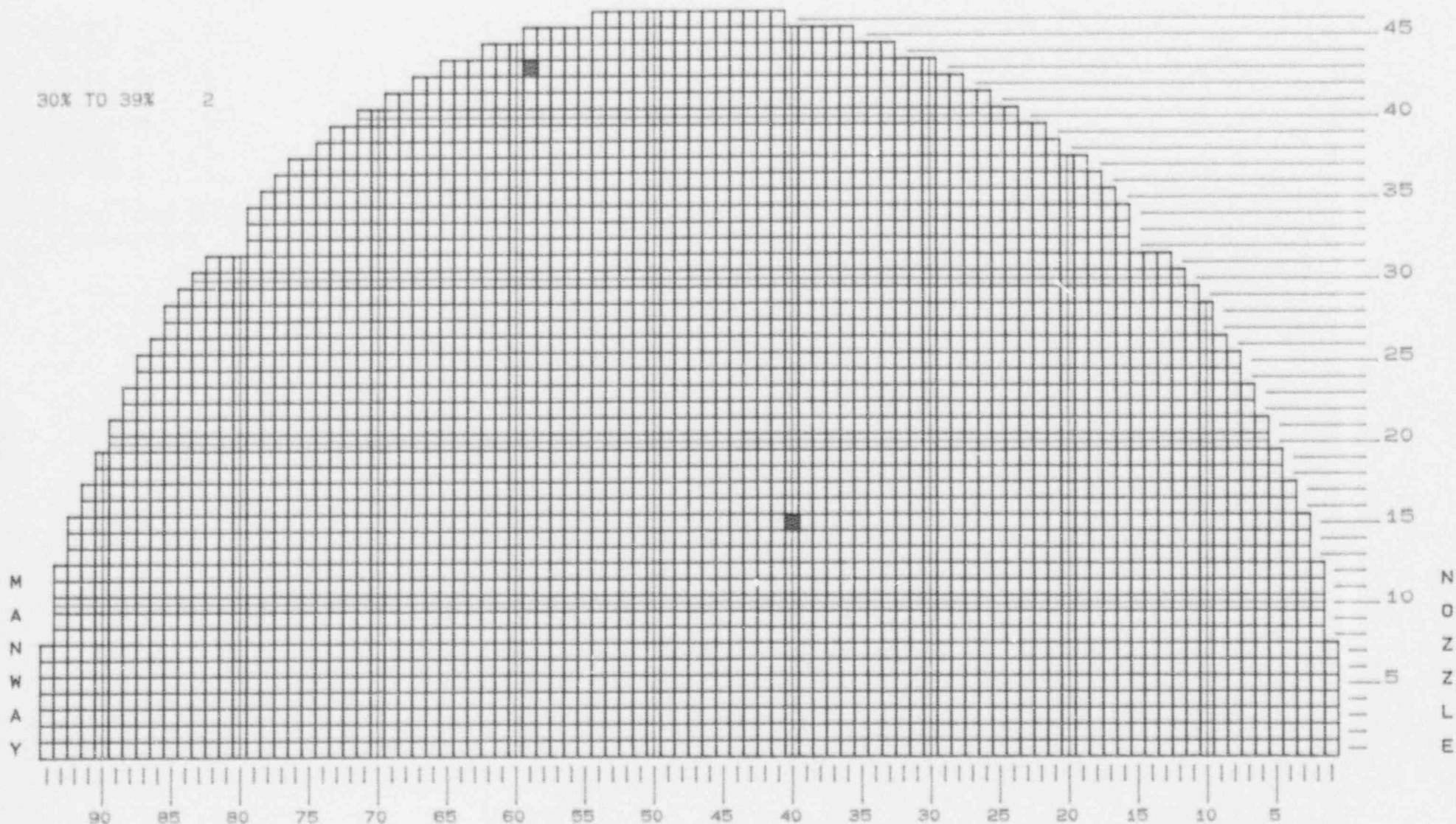
30% TO 39% for the entire length

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-HOT LEG

PRAIRIE ISLAND, UNIT 1



30% TO 39% 2



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 1 of 2
Date: 01/25/93
Time: 10:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
5	12	H	TSH	TRH	S	4A00020	720ZR	TRH+ 6.5	1.50	77	MAI	4
15	12	H	TSH	TRH	S	4A00020	720ZR	TRH+ 8.8	1.49	137	MAI	4
11	13	H	TSH	TRH	S	4A00020	720ZR	TRH+ 0.3TO+ 14.6	3.48	13	MAI	4
4	28	H	TSH	TRH	S	4A00020	720ZR	TRH+ 1.6	5.80	156	SAI	4
13	28	H	TSH	TRH	S	4A00020	720ZR	TRH+ 6.8	2.03	136	SAI	4
17	28	H	TSH	TRH	S	4A00020	720ZR	TRH+ 0.0TO+ 21.2	9.61	1	MAI	4
14	30	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.8TO+ 3.7	1.85	22	SAI	4
15	30	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.8	1.36	140	SAI	P1
16	30	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.5	0.94	142	SAI	P1
20	33	H	TSH	TRH	S	5A00021	720ZR	TRH+ 2.1	2.28	127	MAI	4
5	36	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.5	1.01	36	SAI	4
6	37	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.1	6.99	81	MAI	4
		H	TSH	TRH	S	5A00021	720ZR	TRH+ 1.3	1.04	55	SAI	4
		H	TSH	TRH	S	5A00021	720ZR	TRH+ 2.4	2.05	100	SAI	4
7	39	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.6TO+ 2.6	0.76	85	MAI	4
15	40	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.1	15.92	27	MAI	4
42	42	H	TSH	TRH	S	5A00021	720ZR	TRH+ 14.3	2.37	119	SAI	4
12	43	H	TSH	TRH	S	5A00021	720ZR	TRH+ 1.1TO+ 6.3	1.45	125	SAI	4
		H	TSH	TRH	S	5A00021	720ZR	TRH+ 5.0	0.96	97	SAI	4
13	43	H	01H	TEH		2A00010	720ZW	TEH+ 4.2TO+ 13.2	14.30	47	94	P1
		H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.9TO+ 10.8	51.03	66	MAI	4
17	43	H	TSH	TRH	S	5A00021	720ZR	TRH+ 0.4TO+ 8.5	2.74	109	MAI	4
14	45	H	TSH	TRH	S	5A00021	720ZR	TRH+ 1.4TO+ 6.4	1.68	71	MAI	4

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12

Leg.....: Hot leg

Release...: 2.2

40% TO 100% for the entire length

CIR,MAI,SAI for the entire length

Page: 2 of 2

Date: 01/25/93

Time: 10:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		09/92			
			BEG	END						VOLTS	DEG	%	CH
18	47	H	TSH	TRH	S	5A00021	720ZR	TRH+	0.1	12.14	16	MAI	4
2	49	H	TSH	TRH	S	4A00020	720ZR	TRH+	0.1	8.74	14	MAI	1
		H	TSH	TRH	S	4A00020	720ZR	TRH+	0.9	1.33	110	MAI	1
3	50	H	TSH	TRH	S	4A00020	720ZR	TRH+	2.2TO+ 6.2	0.26	0	MAI	P1
5	50	H	TSH	TRH	S	4A00020	720ZR	TRH+	5.9	0.99	108	MAI	4
8	51	H	TSH	TRH	S	4A00020	720ZR	TRH+	4.0	1.71	294	SAI	4
2	53	H	TSH	TRH	S	4A00020	720ZR	TRH+	0.0	1.10	16	SAI	4
15	61	H	TSH	TRH	S	4A00020	720ZR	TRH+	0.0	9.86	21	MAI	1
2	73	H	TSH	TRH	S	4A00020	720ZR	TRH+	0.6TO+ 1.6	1.28	0	SAI	4

NUMBER OF TUBES IN REPORT = 27

NSP

DATE: 01/25/93

TIME: 10:33

STEAM GENERATOR: 12

GROUPS: All groups included

40% TO 100% for the entire length

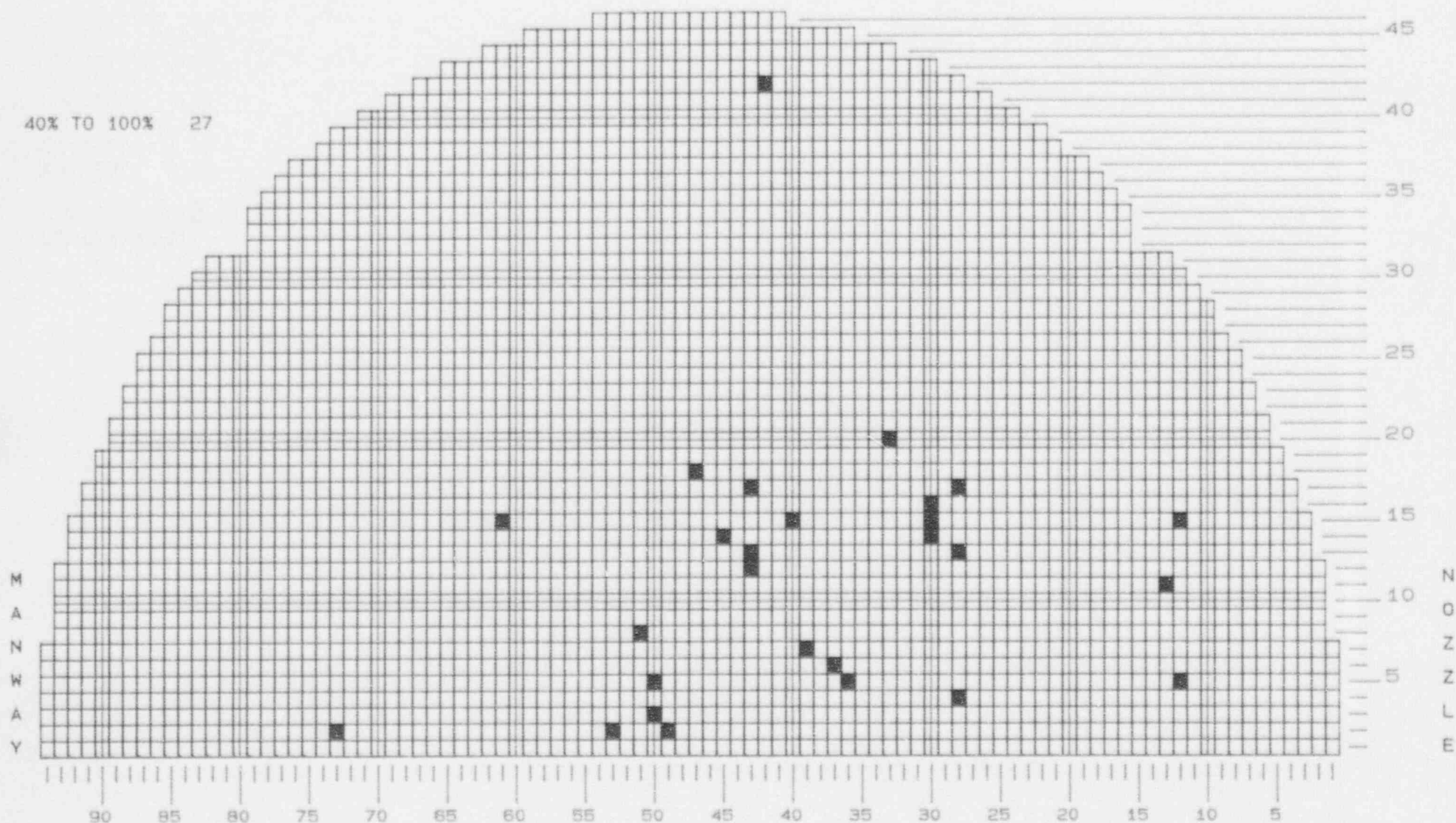
CIR, MAI, SAI for the entire length

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-HOT LEG

PRAIRIE ISLAND, UNIT 1



40% TO 100% 27



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 1 of 2
Date: 01/27/93
Time: 09:22

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
5	12	H C						09/92 09/92			PLG PLG	
15	12	H C						09/92 09/92			PLG PLG	
11	13	H C						09/92 09/92			PLG PLG	
4	28	H C						09/92 09/92			PLG PLG	
13	28	H C						09/92 09/92			PLG PLG	
17	28	H C						09/92 09/92			PLG PLG	
14	30	H C						09/92 09/92			PLG PLG	
15	30	H C						09/92 09/92			PLG PLG	
16	30	H C						09/92 09/92			PLG PLG	
20	33	H C						09/92 09/92			PLG PLG	
5	36	H C						09/92 09/92			PLG PLG	
6	37	H C						09/92 09/92			PLG PLG	
7	39	H C						09/92 09/92			PLG PLG	
15	40	H C						09/92 09/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 2 of 2
Date: 01/27/93
Time: 09:22

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
42	42	H C						09/92 09/92			PLG PLG	
12	43	H C						09/92 09/92			PLG PLG	
13	43	H C						09/92 09/92			PLG PLG	
17	43	H C						09/92 09/92			PLG PLG	
14	45	H C						09/92 09/92			PLG PLG	
18	47	H C						09/92 09/92			PLG PLG	
2	49	H C						09/92 09/92			PLG PLG	
3	50	H C						09/92 09/92			PLG PLG	
5	50	H C						09/92 09/92			PLG PLG	
8	51	H C						09/92 09/92			PLG PLG	
2	53	H C						09/92 09/92			PLG PLG	
15	61	H C						09/92 09/92			PLG PLG	
2	73	H C						09/92 09/92			PLG PLG	

NUMBER OF TUBES IN REPORT = 27

NSP

DATE: 01/27/93

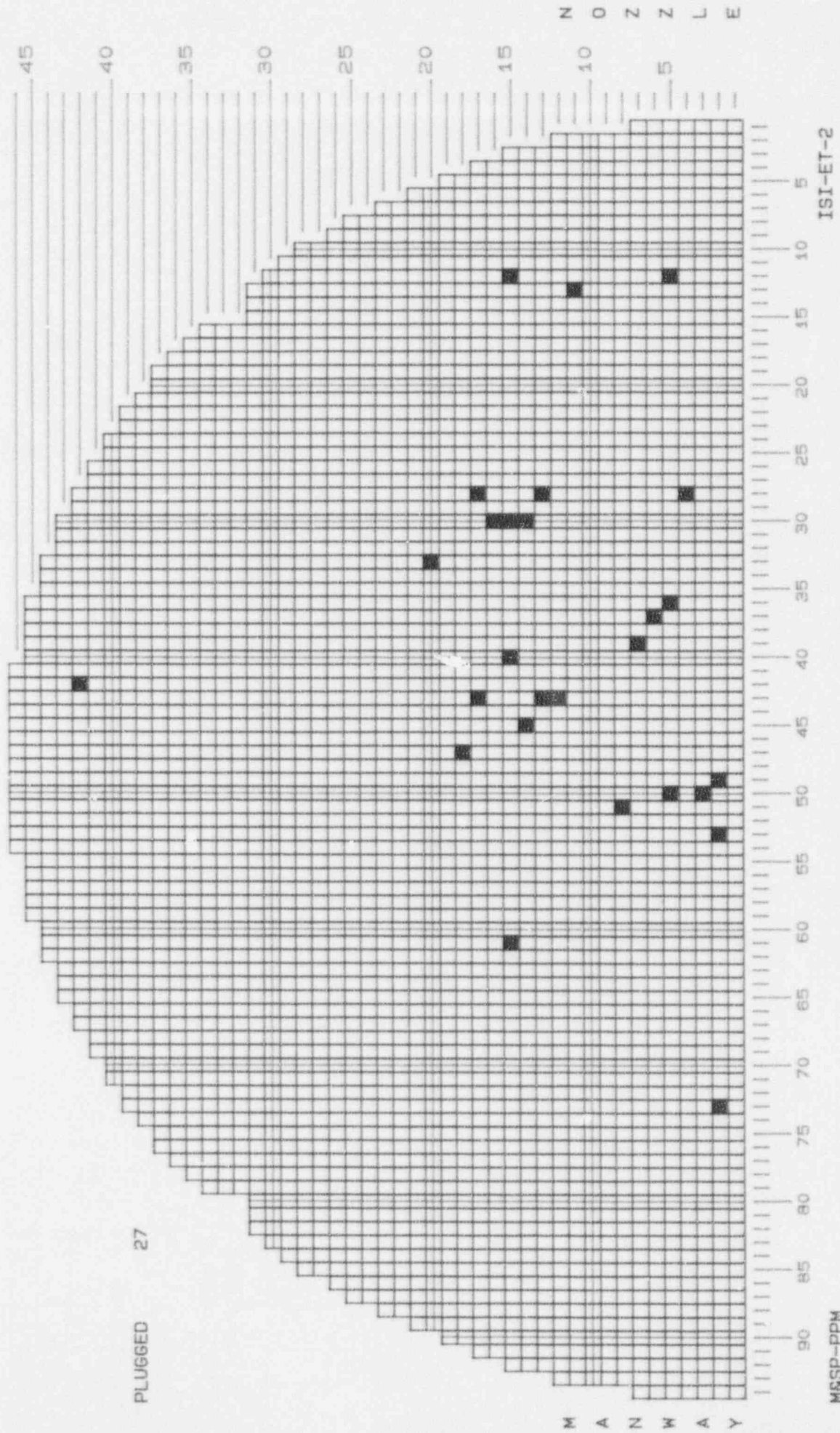
TIME: 09:26

STEAM GENERATOR: 12

GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 1 of 8
Date: 01/27/93
Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
2	6	H C						01/90 01/90			PLG PLG	
5	12	H C						09/92 09/92			PLG PLG	
15	12	H C						09/92 09/92			PLG PLG	
11	13	H C						09/92 09/92			PLG PLG	
11	14	H C						06/91 06/91			PLG PLG	
5	15	H C						06/91 06/91			PLG PLG	
3	16	H C						06/91 06/91			PLG PLG	
6	18	H C						01/85 01/85			PLG PLG	
1	19	H C						01/90 08/88			PLG PLG	
4	19	H C						01/85 01/85			PLG PLG	
2	21	H C						07/80 07/80			PLG PLG	
17	22	H C						06/91 06/91			PLG PLG	
3	23	H C						06/91 06/91			PLG PLG	
1	27	H C						06/91 06/91			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 2 of 8
Date: 01/27/93
Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
1	28	H C						01/90 01/90			PLG PLG	
4	28	H C						09/92 09/92			PLG PLG	
13	28	H C						09/92 09/92			PLG PLG	
17	28	H C						09/92 09/92			PLG PLG	
1	29	H C						12/83 12/83			PLG PLG	
4	29	H C						06/91 06/91			PLG PLG	
14	30	H C						09/92 09/92			PLG PLG	
15	30	H C						09/92 09/92			PLG PLG	
16	30	H C						09/92 09/92			PLG PLG	
1	31	H C						01/90 04/87			PLG PLG	
1	32	H C						01/90 08/88			PLG PLG	
19	32	H C						08/88 08/88			PLG PLG	
1	33	H C						01/90 08/88			PLG PLG	
16	33	H C						01/85 01/85			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 3 of 8
Date: 01/27/93
Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
20	33	H C						09/92 09/92			PLG PLG	
1	34	H C						12/83 12/83			PLG PLG	
3	34	H C						06/91 06/91			PLG PLG	
30	34	H C						01/85 01/85			PLG PLG	
1	35	H C						01/90 04/87			PLG PLG	
2	35	H C						06/91 06/91			PLG PLG	
32	35	H C						09/81 09/81			PLG PLG	
1	36	H C						12/83 12/83			PLG PLG	
5	36	H C						09/92 09/92			PLG PLG	
1	37	H C						01/90 04/87			PLG PLG	
6	37	H C						09/92 09/92			PLG PLG	
16	37	H C						06/91 06/91			PLG PLG	
1	38	H C						01/90 04/87			PLG PLG	
3	38	H C						01/90 01/90			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12

Leg.....: Hot and Cold legs

Release...: 2.2

See title page for report selection criteria.

Page: 4 of 8

Date: 01/27/93

Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
12	38	H C						06/91 06/91			PLG PLG	
1	39	H C						01/85 01/85			PLG PLG	
7	39	H C						09/92 09/92			PLG PLG	
15	40	H C						09/92 09/92			PLG PLG	
43	40	H C						01/90 01/90			PLG PLG	
1	41	H C						01/90 03/86			PLG PLG	
1	42	H C						01/90 04/87			PLG PLG	
17	42	H C						10/84 10/84			PLG PLG	
20	42	H C						06/91 06/91			PLG PLG	
42	42	H C						09/92 09/92			PLG PLG	
1	43	H C						01/90 08/88			PLG PLG	
12	43	H C						09/92 09/92			PLG PLG	
13	43	H C						09/92 09/92			PLG PLG	
17	43	H C						09/92 09/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 5 of 8
Date: 01/27/93
Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
1	45	H C						01/90 04/87			PLG PLG	
14	45	H C						09/92 09/92			PLG PLG	
18	45	H C						10/84 10/84			PLG PLG	
1	47	H C						01/90 04/87			PLG PLG	
18	47	H C						09/92 09/92			PLG PLG	
1	49	H C						06/91 06/91			PLG PLG	
2	49	H C						09/92 09/92			PLG PLG	
3	50	H C						09/92 09/92			PLG PLG	
5	50	H C						09/92 09/92			PLG PLG	
8	51	H C						09/92 09/92			PLG PLG	
4	52	H C						06/91 06/91			PLG PLG	
2	53	H C						09/92 09/92			PLG PLG	
1	56	H C						01/90 01/90			PLG PLG	
1	57	H C						01/90 04/87			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 6 of 8
Date: 01/27/93
Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
5	57	H C						01/90 01/90			PLG PLG	
1	58	H C						01/90 01/90			PLG PLG	
4	58	H C						06/91 06/91			PLG PLG	
1	59	H C						01/90 08/88			PLG PLG	
13	60	H C						01/90 04/87			PLG PLG	
1	61	H C						01/90 08/88			PLG PLG	
15	61	H C						09/92 09/92			PLG PLG	
1	62	H C						12/83 12/83			PLG PLG	
36	62	H C						12/83 12/83			PLG PLG	
43	62	H C						01/90 01/90			PLG PLG	
38	66	H C						01/90 01/90			PLG PLG	
38	68	H C						01/90 01/90			PLG PLG	
39	68	H C						01/90 03/86			PLG PLG	
2	73	H C						09/92 09/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 7 of 8
Date: 01/27/93
Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
36	74	H C						01/90 03/86			PLG PLG	
37	75	H C						10/84 10/84			PLG PLG	
36	76	H C						01/90 01/90			PLG PLG	
25	77	H C						01/90 03/86			PLG PLG	
34	77	H C						01/90 01/90			PLG PLG	
34	78	H C						10/84 10/84			PLG PLG	
31	80	H C						01/90 01/90			PLG PLG	
29	82	H C						01/90 01/90			PLG PLG	
28	84	H C						01/90 04/87			PLG PLG	
24	85	H C						01/90 04/87			PLG PLG	
27	85	H C						01/85 01/85			PLG PLG	
24	86	H C						01/90 01/90			PLG PLG	
25	86	H C						01/85 01/85			PLG PLG	
13	91	H C						06/91 06/91			PLG PLG	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
 Leg.....: Hot and Cold legs
 Release...: 2.2
 See title page for report selection criteria.

Page: 8 of 8
 Date: 01/27/93
 Time: 09:42

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
6	93	H						10/84				PLG
		C						10/84				PLG

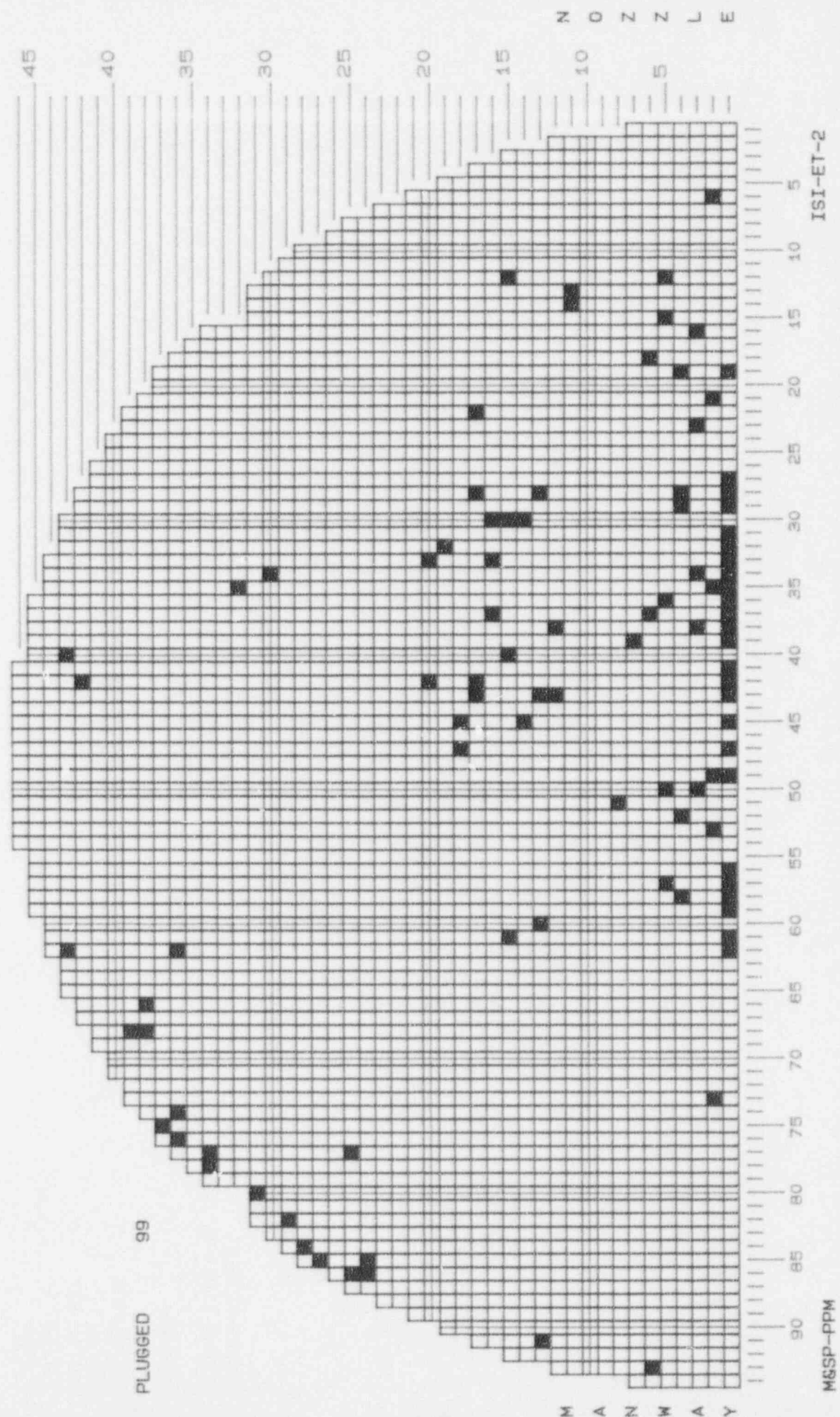
NUMBER OF TUBES IN REPORT = 99

NSP

DATE: 01/27/93
TIME: 09:48
STEAM GENERATOR: 12
GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2

Page: 1 of 8
Date: 01/27/93
Time: 09:51

See title page for report selection criteria.

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
11	9	H						01/90			SLV	
4	12	H						08/88			SLV	
7	13	H						08/88			SLV	
13	13	H						01/90			SLV	
12	14	H						01/90			SLV	
13	15	H						01/90			SLV	
12	17	H						01/90			SLV	
22	17	H						04/87			SLV	
4	20	H						01/90			SLV	
7	20	H						01/90			SLV	
8	20	H						01/90			SLV	
16	20	H						04/87			SLV	
21	20	H						01/90			SLV	
7	21	H						08/88			SLV	
8	21	H						01/90			SLV	
3	22	H						01/90			SLV	
6	22	H						01/90			SLV	
7	22	H						08/88			SLV	
7	23	H						08/88			SLV	
8	23	H						08/88			SLV	
3	24	H						01/90			SLV	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

Page: 2 of 8
Date: 01/27/93
Time: 09:51

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
13	24	H						01/90			SLV	
4	25	H						01/90			SLV	
7	25	H						08/88			SLV	
8	25	H						08/88			SLV	
9	25	H						01/90			SLV	
7	26	H						01/90			SLV	
8	26	H						08/88			SLV	
9	26	H						01/90			SLV	
16	26	H						01/90			SLV	
5	27	H						01/90			SLV	
9	27	H						04/87			SLV	
13	27	H						04/87			SLV	
7	28	H						04/87			SLV	
10	28	H						04/87			SLV	
19	28	H						08/88			SLV	
7	29	H						08/88			SLV	
5	30	H						04/87			SLV	
8	30	H						04/87			SLV	
19	30	H						01/90			SLV	
4	31	H						08/88			SLV	
13	31	H						08/88			SLV	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 09:51

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
18	31	H						08/88			SLV	
19	31	H						04/87			SLV	
20	31	H						04/87			SLV	
6	32	H						01/90			SLV	
18	32	H						08/88			SLV	
20	32	H						08/88			SLV	
7	33	H						08/88			SLV	
8	33	H						01/90			SLV	
15	33	H						01/90			SLV	
18	33	H						08/88			SLV	
19	33	H						08/88			SLV	
21	33	H						08/88			SLV	
18	34	H						08/88			SLV	
19	34	H						08/88			SLV	
20	34	H						01/90			SLV	
18	35	H						08/88			SLV	
19	35	H						08/88			SLV	
20	35	H						08/88			SLV	
13	36	H						04/87			SLV	
16	36	H						08/88			SLV	
18	36	H						08/88			SLV	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 09:51

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
19	36	H						04/87			SLV	
20	36	H						08/88			SLV	
17	37	H						01/90			SLV	
18	37	H						08/88			SLV	
19	37	H						08/88			SLV	
20	37	H						08/88			SLV	
8	38	H						08/88			SLV	
9	38	H						08/88			SLV	
16	38	H						01/90			SLV	
17	38	H						01/90			SLV	
18	38	H						08/88			SLV	
19	38	H						08/88			SLV	
20	38	H						01/90			SLV	
4	39	H						08/88			SLV	
9	39	H						01/90			SLV	
15	39	H						04/87			SLV	
17	39	H						08/88			SLV	
18	39	H						08/88			SLV	
20	39	H						08/88			SLV	
17	40	H						04/87			SLV	
18	40	H						08/88			SLV	

CUMULATIVE INDICATIONS REPORT ON C992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

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Time: 09:51

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
19	40	H						08/88			SLV	
7	41	H						01/90			SLV	
12	41	H						08/88			SLV	
15	41	H						08/88			SLV	
16	41	H						01/90			SLV	
17	41	H						01/90			SLV	
18	41	H						08/88			SLV	
19	41	H						08/88			SLV	
7	42	H						08/88			SLV	
8	42	H						08/88			SLV	
14	42	H						01/90			SLV	
16	42	H						08/88			SLV	
18	42	H						08/88			SLV	
19	42	H						08/88			SLV	
3	43	H						04/87			SLV	
6	43	H						04/87			SLV	
18	43	H						08/88			SLV	
19	43	H						08/88			SLV	
2	44	H						01/90			SLV	
6	44	H						08/88			SLV	
8	44	H						01/90			SLV	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 09:51

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
16	44	H						08/88			SLV	
17	44	H						04/87			SLV	
18	44	H						08/88			SLV	
19	44	H						08/88			SLV	
4	45	H						01/90			SLV	
5	46	H						04/87			SLV	
6	46	H						04/87			SLV	
14	46	H						08/88			SLV	
2	47	H						04/87			SLV	
5	47	H						01/90			SLV	
6	47	H						04/87			SLV	
7	47	H						04/87			SLV	
8	47	H						01/90			SLV	
12	47	H						01/90			SLV	
16	47	H						01/90			SLV	
4	48	H						01/90			SLV	
7	48	H						08/88			SLV	
8	48	H						04/87			SLV	
10	48	H						08/88			SLV	
12	48	H						01/90			SLV	
25	48	H						01/90			SLV	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 09:51

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
5	49	H						01/90			SLV	
8	49	H						01/90			SLV	
15	49	H						08/88			SLV	
7	50	H						01/90			SLV	
8	50	H						01/90			SLV	
23	50	H						01/90			SLV	
25	50	H						01/90			SLV	
3	51	H						08/88			SLV	
4	51	H						01/90			SLV	
13	51	H						08/88			SLV	
2	52	H						01/90			SLV	
9	52	H						08/88			SLV	
7	54	H						08/88			SLV	
3	55	H						01/90			SLV	
8	55	H						08/88			SLV	
10	55	H						08/88			SLV	
3	56	H						04/87			SLV	
8	57	H						04/87			SLV	
8	58	H						01/90			SLV	
4	59	H						01/90			SLV	
9	59	H						04/87			SLV	

CUMULATIVE INDICATIONS REPORT ON 0992 DATA
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot leg
Release...: 2.2
See title page for report selection criteria.

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	09/92			
			BEG	END					VOLTS	DEG	%	CH
16	59	H						01/90			SLV	
22	59	H						01/90			SLV	
6	60	H						01/90			SLV	
7	60	H						01/90			SLV	
4	61	H						08/88			SLV	
5	62	H						01/90			SLV	
6	62	H						08/88			SLV	
19	62	H						01/90			SLV	
25	62	H						08/88			SLV	
37	62	H						01/90			SLV	
6	63	H						01/90			SLV	
10	63	H						08/88			SLV	
13	66	H						08/88			SLV	
23	67	H						04/87			SLV	
10	68	H						08/88			SLV	

NUMBER OF TUBES IN REPORT = 162

NSP

DATE: 01/27/93

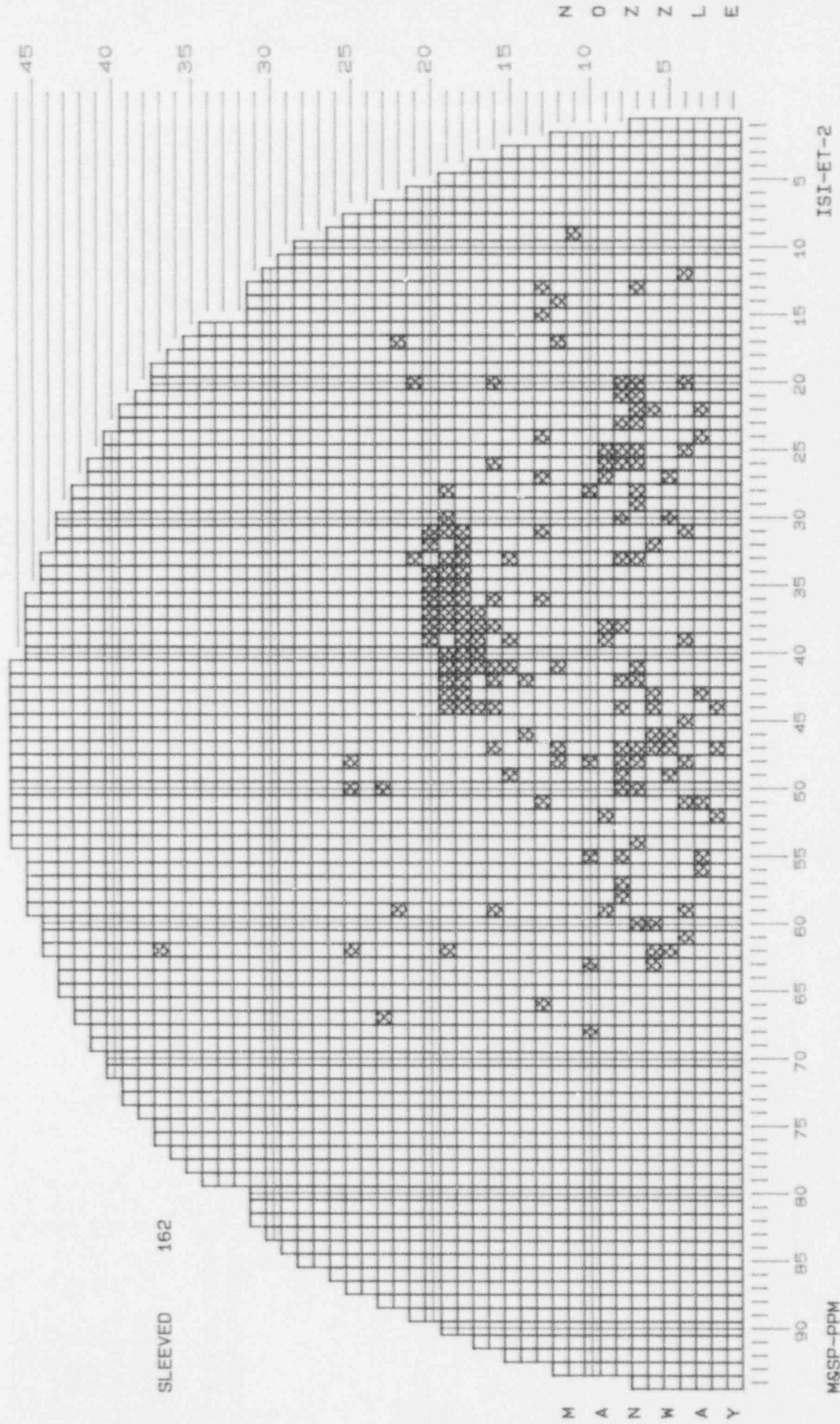
TIME: 09: 57

STEAM GENERATOR: 12

GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT ON 0992 DATA-HOT LEG

PRAIRIE ISLAND, UNIT 1



NORTHERN STATES POWER
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ISI SUMMARY REPORT
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Appendix F - Results of 11-92 Steam Generator Eddy Current Exams

Pages 1 to 8 and Attachments

Page 1 of 1

RESULTS OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS

1192 REFUEL OUTAGE

During the November 1992 scheduled refueling outage 100% of all accessible tubes in steam generator 11 and 12 were examined full length as part of the inservice inspection. The examination was conducted utilizing the multifrequency eddy current technique. The bobbin coil program was as follows:

1. Cold leg examinations on steam generator 11 were performed from the seventh support plate on the hot leg side through the tube end on the cold leg side on all row 2 through row 46 tubes and all row 1 tubes were examined from the seventh support plate on the cold leg side through the tube end on the cold leg side. Cold leg examinations on steam generator 12 were performed full length from tube end to tube end on all row 2 through row 46 non sleeved tubes, from the seventh support plate on the cold leg side through the tube end on the cold leg side on all row 1 tubes and from the top of the sleeve to the cold leg tube end on all sleeved tubes. These examinations were completed using magnetically biased 0.720 inch, and 0.700 inch diameter probes.

2. Hot leg examinations on steam generator 11 were performed from the seventh support plate on the hot leg side through the tube end on the hot leg side on all tubes. Hot leg examinations on steam generator 12 were performed from the seventh support plate on the hot leg side through the tube end on the hot leg side on all row 1 tubes and from the top of the sleeve to the hot leg tube end on all sleeved tubes. These examinations were completed using magnetically biased 0.720 inch diameter bobbin probes and 0.640 inch dual bobbin dual cross wound probes.

Motorized rotating pancake coil (MRPC) techniques were utilized extensively in both steam generators. The inspection strategy was to examine 20% of the steam generator 11 tube sheet crevice region, 100% of the steam generator 12 tube sheet crevice region, all row 1 U-Bends 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:

- 701 tube sheet crevice examinations in 11 hot leg
- 3127 tube sheet crevice examinations in 12 hot leg
- 92 U-Bends examinations in 11 hot Leg
- 69 U-Bends examinations in 12 cold leg
- 183 supplemental examinations in 11 hot leg
- 19 supplemental examinations in 11 cold leg
- 148 supplemental examinations in 12 hot leg
- 21 supplemental examinations in 12 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 utilizing manual analysis on all MRPC data and Computer Data Screening (CDS) of all bobbin coil data. 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 version 16 with ANALYSIS rev. 5, RPC rev. 5, CRACKMAP proto 4B and CDS proto 5A.

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

Cumulative lists and tube sheet maps of indications by depth range, tubes plugged this outage, and total tubes plugged to date are listed on page 8 and attached.

TABLE I
Distribution of indications 1192 outage

<u>S/G NO.</u>	<u>0 - 19%</u>	<u>20 - 29%</u>	<u>30 - 39%</u>	<u>40 - 100%</u>
11	58	78	35	3
12	26	25	2	179

TABLE II
Tubes plugged 1192 outage

<u>S/G NO.</u>	<u>ROW</u>	<u>COLUMN</u>	<u>%TWD</u>	<u>LOCATION</u>
11	8	2		NRC Bulletin 89-01
11	9	2		NRC Bulletin 89-01
11	7	3		NRC Bulletin 89-01
11	9	4		NRC Bulletin 89-01
11	3	48		NRC Bulletin 89-01
11	31	80	41	02C + 0.1
12	13	7	SAI	TRH + 8.3 TO 11.9
12	13	9	SAI	TRH + 5.3 TO 11.4
12	23	12	SAI	TRH + 6.3
12	1	13	SAI	TRH + 3.7 TO 4.3
12	23	14	SAI	TRH + 6.5 TO 9.7
12	21	15	SAI	TRH + 0.7
			MAI	TRH + 2.5 TO 9.1
12	24	18	SAI	TRH + 7.2 TO 9.5
12	28	22	SAI	TRH + 14.9
12	1	23	SAI	TRH + 1.2
			SAI	TRH + 3.3
12	1	25	SAI	TRH + 0.2
12	27	25	SAI	TRH + 2.7 TO 4.0
12	1	26	SAI	TRH + 1.6
12	1	30	MAI	TRH + 0.6
12	40	30	MAI	TRH + 0.4 TO 8.7
12	19	32		LEAKING PLUG
12	18	38		LEAKING WELD
12	1	44	SAI	TRH + 9.2
12	1	48	MAI	TRH + 1.1 TO 2.9
12	1	50	SAI	TRH + 3.2
12	39	50	SAI	TRH + 12.1
12	1	63	SAI	TRH + 1.3
12	29	83	46	01C + 0.1

NORTHERN STATES POWER
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SUMMARY REPORT
PRAIRIE ISLAND UNIT #1, 1992

TABLE III
Tubes sleeved 1192 outage

<u>S/G NO.</u>	<u>ROW</u>	<u>COLUMN</u>	<u>%TWD</u>	<u>LOCATION</u>
12	6	9	SAI	TRH + 6.5 TO 10.3
12	8	9	SAI	TRH + 0.6 TO 12.0
12	3	10	SAI	TRH + 1.0 TO 10.7
12	5	10	SAI	TRH + 0.6 TO 10.6
12	8	10	MAI	TRH + 0.4 TO 11.8
12	2	11	SAI	TRH + 1.3 TO 9.5
12	3	11	MAI	TEH + 1.6
12	7	11	MAI	TRH + 1.8 TO 10.2
12	3	12	SAI	TEH + 1.9
			MAI	TRH + 6.4 TO 7.2
12	10	12	SAI	TRH + 8.6
12	3	13	MAI	TRH + 4.2 TO 4.6
			SAI	TRH + 7.4
12	6	13	SAI	TRH + 2.5
12	10	13	SAI	TRH + 9.8
12	12	13	MAI	TRH + 0.6 TO 11.2
12	16	13	SAI	TRH + 0.5 TO 9.7
12	19	13	MAI	TRH + 1.2 TO 9.8
12	4	14	SAI	TRH + 0.8
			SAI	TRH + 6.2
			SAI	TRH + 10.8
			SAI	TRH + 14.2
			SAI	TRH + 15.7
12	6	14	SAI	TRH + 4.1
			SAI	TRH + 6.3 TO 9.3
12	7	14	SAI	TRH + 0.8 TO 2.2
12	8	14	SAI	TRH + 8.5
12	15	14	SAI	TRH + 6.6 TO 10.9
12	19	14	SAI	TRH + 0.9 TO 10.0
12	2	15	SAI	TRH + 6.8
12	3	15	MAI	TRH + 1.3
			SAI	TRH + 2.9
12	4	15	MAI	TRH + 7.7
12	7	15	SAI	TRH + 6.5 TO 9.9
12	10	15	SAI	TRH + 0.0 TO 5.4
12	4	16	SAI	TRH + 8.1
12	8	16	SAI	TRH + 6.3 TO 9.4
12	16	16	MAI	TRH + 0.3 TO 12.4
12	5	17	SAI	TRH + 2.7
12	8	17	SAI	TRH + 5.1 TO 10.4
12	16	17	SAI	TRH + 2.8 TO 7.9
12	2	18	SAI	TRH + 0.7
			SAI	TRH + 4.6
12	5	18	SAI	TRH + 0.6 TO 8.4
12	13	18	MAI	TRH + 0.5 TO 8.7
12	7	19	SAI	TRH + 0.2 TO 10.8
12	8	19	SAI	TRH + 0.9 TO 8.4
12	18	19	MAI	TRH + 1.1 TO 10.4
12	5	20	SAI	TRH + 0.8
12	12	20	MAI	TRH + 1.7
12	13	20	SAI	TRH + 7.0 TO 7.6
12	6	24	MAI	TRH + 0.9
			SAI	TRH + 1.8
12	2	25	MAI	TEH + 2.0
12	3	25	MAI	TRH + 0.5 TO 3.7

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SUMMARY REPORT
PRAIRIE ISLAND UNIT #1, 1992

TABLE III
Tubes sleeved 1192 outage

<u>S/G NO.</u>	<u>ROW</u>	<u>COLUMN</u>	<u>%TWD</u>	<u>LOCATION</u>
12	5	25	SAI	TRH + 3.4 TO 8.0
12	4	26	SAI	TEH + 2.1
12	17	26	SAI	TEH + 2.0
12	7	27	MAI	TRH + 0.5 TO 1.8
12	14	27	SAI	TRH + 1.2
12	18	27	SAI	TEH + 2.2
12	6	29	MAI	TEH + 1.0
12	8	29	SAI	TRH + 2.6
12	13	29	SAI	TRH + 2.4
12	16	29	SAI	TRH + 2.2
12	2	30	SAI	TEH + 1.0
12	4	30	SAI	TEH + 1.0
12	13	30	MAI	TEH + 0.9
12	2	31	MAI	TEH + 1.0
12	6	31	MAI	TRH + 0.8 TO 4.4
12	8	31	SAI	TRH + 1.4 TO 3.6
12	10	31	SAI	TEH + 0.9
12	14	31	SAI	TRH + 4.0
			SAI	TEH + 0.8
			SAI	TRH + 4.0
12	16	31	SAI	TRH + 4.4 TO 7.9
12	3	33	SAI	TRH + 2.5
12	23	33	SAI	TRH + 2.3
12	5	34	SAI	TRH + 1.3
12	13	34	MAI	TRH + 0.4 TO 8.4
12	14	34	SAI	TRH + 1.2
12	16	34	SAI	TRH + 6.0
12	7	35	SAI	TRH + 1.9
12	11	35	SAI	TRH + 3.2
12	14	35	SAI	TRH + 6.5
12	21	35	SAI	TRH + 4.4
12	3	36	SAI	TRH + 0.2 TO 1.6
12	7	36	SAI	TRH + 1.4
12	8	36	SAI	TRH + 2.4
12	9	36	SAI	TRH + 9.0
			SAI	TRH + 1.1 TO 3.4
			SAI	TRH + 4.1
12	11	36	MAI	TRH + 1.3 TO 7.8
12	12	36	SAI	TEH + 2.6
12	9	37	SAI	TRH + 7.8
			MAI	TRH + 0.5 TO 8.2
			SAI	TRH + 1.3 TO 4.5
12	21	37	SAI	TEH + 1.6
12	36	37	SAI	TRH + 3.4
12	6	38	SAI	TRH + 0.5 TO 6.2
12	10	39	MAI	TRH + 5.8
12	4	40	SAI	TRH + 0.9 TO 5.3
12	7	40	SAI	TRH + 1.3 TO 7.3
12	9	40	SAI	TRH + 3.3
12	10	40	SAI	TRH + 4.0
12	11	40	SAI	TRH + 3.8 TO 7.0
12	3	41	MAI	TRH + 2.8
12	4	41	SAI	TEH + 0.8
12	8	41	MAI	TRH + 0.8
12	9	41	MAI	TRH + 0.5 TO 7.1

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SUMMARY REPORT
PRAIRIE ISLAND UNIT #1, 1992

TABLE III
Tubes sleeved 1192 outage

<u>S/G NO.</u>	<u>ROW</u>	<u>COLUMN</u>	<u>%TWD</u>	<u>LOCATION</u>
12	10	41	SAI	TRH + 0.8
12	9	42	MAI	TRH + 5.2
12	21	42	SAI	TRH + 8.5
12	2	43	SAI	TRH + 1.7
12	4	43	MAI	TEH + 1.3
12	10	43	MAI	TRH + 0.6 TO 9.8
12	16	43	MAI	TEH + 1.0
12	20	43	SAI	TRH + 6.2
12	13	44	SAI	TRH + 1.7 TO 5.0
12	14	44	SAI	TRH + 4.3
12	2	45	MAI	TRH + 1.0 TO 8.6
12	8	45	SAI	TRH + 3.7
12	9	46	SAI	TRH + 3.7
			SAI	TRH + 5.3
12	18	46	MAI	TRH + 0.1
12	4	47	SAI	TRH + 1.2
			SAI	TRH + 6.4
12	10	47	SAI	TRH + 4.2
12	13	47	SAI	TRH + 1.9
12	5	48	SAI	TRH + 3.1
12	19	48	SAI	TRH + 4.0
12	9	49	SAI	TRH + 2.9
12	11	49	SAI	TRH + 3.3
12	14	49	SAI	TRH + 4.3
12	14	50	SAI	TEH + 1.1
12	21	51	MAI	TRH + 4.9
12	10	52	SAI	TRH + 3.2
			SAI	TRH + 4.9
12	13	52	SAI	TEH + 2.3
			SAI	TRH + 15.6
12	18	52	SAI	TRH + 2.3
12	13	53	SAI	TRH + 6.4 TO 11.2
12	15	53	SAI	TRH + 1.2 TO 2.9
12	6	54	SAI	TRH + 2.2
			SAI	TRH + 4.3
			SAI	TRH + 5.6
12	11	55	SAI	TRH + 8.3 TO 10.4
12	2	56	MAI	TRH + 4.8 TO 6.5
12	7	56	SAI	TRH + 8.8
12	11	56	SAI	TRH + 4.6
12	9	57	SAI	TRH + 2.9 TO 5.3
12	3	58	SAI	TRH + 0.6 TO 3.1
12	7	58	SAI	TEH + 1.4
12	5	59	SAI	TRH + 0.8 TO 4.3
12	6	59	SAI	TRH + 6.7
12	8	59	SAI	TRH + 3.0
12	8	60	SAI	TRH + 1.7
12	18	61	SAI	TRH + 5.0
			SAI	TRH + 5.8
12	2	62	SAI	TRH + 1.0 TO 2.7
12	8	62	SAI	TRH + 8.0 TO 9.8
12	16	62	SAI	TRH + 2.7
12	7	63	SAI	TRH + 6.0
			SAI	TRH + 17.2
12	9	63	MAI	TEH + 2.4

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SUMMARY REPORT
PRAIRIE ISLAND UNIT #1, 1992

TABLE III
Tubes sleeved 1192 outage

<u>S/G NO.</u>	<u>ROW</u>	<u>COLUMN</u>	<u>%TWD</u>	<u>LOCATION</u>
12	17	63	SAI	TRH + 4.5
12	16	64	SAI	TRH + 9.7
12	12	65	SAI	TRH + 8.9
12	18	65	MAI	TEH + 2.4
12	10	66	SAI	TRH + 6.1 TO 9.4
12	14	66	MAI	TEH + 2.3
			SAI	TRH + 10.2 TO 11.2
12	3	67	SAI	TRH + 2.5
12	7	67	SAI	TFH + 2.1
12	8	67	SAI	TRH + 3.6
12	11	70	SAI	TRH + 1.9
12	12	70	SAI	TRH + 0.9 TO 3.1
12	5	71	SAI	TRH + 1.5
12	8	71	SAI	TRH + 3.8
			SAI	TRH + 5.6
12	7	74	SAI	TRH + 1.2
			SAI	TRH + 4.2
12	10	75	SAI	TRH + 2.9
			SAI	TRH + 5.7
12	15	81	SAI	TRH + 2.5 TO 5.5
12	8	83	SAI	TRH + 7.4

TABLE IV
Total tubes plugged to date (1292)

<u>S/G NO.</u>	<u>TUBE COUNT</u>	<u>PERCENT</u>
11	74	2.18
12	120	3.54

TABLE V
Total tubes sleeved to date (1292)

<u>S/G NO.</u>	<u>TUBE COUNT</u>	<u>PERCENT</u>
12	319	9.42

LEGEND OF FIELDS AND CODES

FIELD	EXPLANATION	
ROW	Row number of tube location	
COL	Column number of tube location	
LEG	Channel head tested from (H = inlet & C = outlet)	
BEG	Beginning extent of test - see below	
END	Ending extent of test - see below	
REM	Remarks - see below	
REEL	Optical disk number, side, calibration group	
PROBE	Probe size, manufacturer and type used - see below	
LOCATION	Physical Location or date of repair - see below	
VOLTS	Voltage of signal	
DEG	Degree of signal	
%	Measured percent or three digit code - see below	
CH	Channel number used for measurement	
FIELD	CODE	EXPLANATION
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
	ZN	ZS with small diameter nose cone by Zetec
	ZX	Dual bobbin, dual cross wound by Zetec
BEG,END, LOCATION	TEH	Tube end hot (primary face)
	TRH	Top of roll expansion hot leg
	TSH	Tube sheet hot (secondary face)
	STH	Sleeve top hot
	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
	STC	Sleeve top cold
	TSC	Tube sheet cold (secondary face)
	TRC	Top of roll expansion cold leg
	TEC	Tube end cold (primary face)
REM	S	Supplemental RPC data
%	CIR	Circumferential RPC indication
	MAI	Multiple axial RPC indication
	PLG	Plugged tube
	SAI	Single axial RPC indication
	SLV	Sleeved tube

ATTACHMENTS

STEAM GENERATOR 11 - 0% TO 19% LIST - 3 PAGES
STEAM GENERATOR 11 - 0% TO 19% MAP - 1 PAGE

STEAM GENERATOR 11 - 20% TO 29% LIST - 5 PAGES
STEAM GENERATOR 11 - 20% TO 29% MAP - 1 PAGE

STEAM GENERATOR 11 - 30% TO 39% LIST - 2 PAGES
STEAM GENERATOR 11 - 30% TO 39% MAP - 1 PAGE

STEAM GENERATOR 11 - 40% TO 100%, CIR, MAI AND SAI LIST - 1 PAGE
STEAM GENERATOR 11 - 40% TO 100%, CIR, MAI AND SAI MAP - 1 PAGE

STEAM GENERATOR 11 - TUBES PLUGGED THIS OUTAGE LIST - 1 PAGE
STEAM GENERATOR 11 - TUBES PLUGGED THIS OUTAGE MAP - 1 PAGE

STEAM GENERATOR 11 - TOTAL TUBES PLUGGED TO DATE (1292) LIST - 6 PAGES
STEAM GENERATOR 11 - TOTAL TUBES PLUGGED TO DATE (1292) MAP - 1 PAGE

STEAM GENERATOR 12 - 0% TO 19% LIST - 2 PAGES
STEAM GENERATOR 12 - 0% TO 19% MAP - 1 PAGE

STEAM GENERATOR 12 - 20% TO 29% LIST - 2 PAGES
STEAM GENERATOR 12 - 20% TO 29% MAP - 1 PAGE

STEAM GENERATOR 12 - 30% TO 39% LIST - 1 PAGE
STEAM GENERATOR 12 - 30% TO 39% MAP - 1 PAGE

STEAM GENERATOR 12 - 40% TO 100%, CIR, MAI AND SAI LIST - 10 PAGES
STEAM GENERATOR 12 - 40% TO 100%, CIR, MAI AND SAI MAP - 1 PAGE

STEAM GENERATOR 12 - TUBES PLUGGED THIS OUTAGE LIST - 2 PAGES
STEAM GENERATOR 12 - TUBES PLUGGED THIS OUTAGE MAP - 1 PAGE

STEAM GENERATOR 12 - TOTAL TUBES PLUGGED TO DATE (1292) LIST - 9 PAGES
STEAM GENERATOR 12 - TOTAL TUBES PLUGGED TO DATE (1292) MAP - 1 PAGE

STEAM GENERATOR 12 - TUBES SLEEVED THIS OUTAGE LIST - 8 PAGES
STEAM GENERATOR 12 - TUBES SLEEVED THIS OUTAGE MAP - 1 PAGE

STEAM GENERATOR 12 - TOTAL TUBES SLEEVED TO DATE (1292) LIST - 16 PAGES
STEAM GENERATOR 12 - TOTAL TUBES SLEEVED TO DATE (1292) MAP - 1 PAGE

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
0% TO 19% for the entire length

Page: 1 of 3
Date: 01/27/93
Time: 11:41

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
2	1	H	07H	TEH		2A00007	720ZW	TSH+ 5.6	0.90	158	9	1
1	4	H	07H	TEH		2A00007	720ZW	TSH+ 17.4	0.38	157	10	1
1	5	H	07H	TEH		2A00007	720ZW	TSH+ 17.4	0.30	158	9	1
16	8	H	07H	TEH		2A00007	720ZW	02H- 0.1	0.56	124	19	P1
30	15	C	07H	TEC		1B00002	720ZU	01C- 0.1	0.94	142	12	P1
32	16	C	07H	TEC		1B00002	720ZU	01C- 0.1	0.84	146	7	P1
21	21	H	07H	TEH		3A00010	720ZW	02H- 0.2	1.23	145	3	P1
22	23	H	07H	TEH		3A00010	720ZW	03H- 0.2	1.18	136	14	P1
23	23	H	07H	TEH		3A00010	720ZW	04H- 0.2	1.79	145	3	P1
10	26	H	07H	TEH		3A00012	720ZW	02H- 0.2	1.63	142	3	P1
35	27	H	07H	TEH		3A00012	720ZW	02H- 0.2	0.80	144	13	P1
42	28	C	07H	TEC		2B00006	720ZU	03C- 0.2	0.94	141	11	P1
44	33	C	07H	TEC		2B00008	720ZU	03C- 0.3	1.18	143	5	P1
38	43	H	07H	TEH		5A00018	720ZW	04H- 0.3	1.24	132	17	P1
19	44	H	07H	TEH		6A00019	720ZW	04H+ 0.3	0.88	145	8	P1
33	44	H	07H	TEH		6A00019	720ZW	01H- 0.1	0.48	133	12	P1
16	45	H	07H	TEH		6A00019	720ZW	02H- 0.3	1.72	139	14	P1
18	45	H	07H	TEH		6A00019	720ZW	02H- 0.2	1.52	136	18	P1
44	45	C	07H	TEC		4B00012	720ZW	03C- 0.1	1.00	156	2	P1
37	46	C	07H	TEC		4B00013	720ZU	NV3- 0.2	0.78		18	P2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
0% TO 19% for the entire length

Page: 2 of 3
Date: 01/27/93
Time: 11:41

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT			
			BEG	END						VOLTS	DEG	%	CH
41	48	C	07H	TEC		4B00014	720ZU	NV1+	0.0	0.83	0	17	P2
		C	07H	TEC		4B00014	720ZU	NV2+	0.0	0.68	0	15	P2
		C	07H	TEC		4B00014	720ZU	NV3+	0.0	0.83	0	17	P2
		C	07H	TEC		4B00014	720ZU	NV4+	0.0	0.66	0	14	P2
44	50	C	07H	TEC		4B00015	720ZU	01C-	0.2	0.61	140	12	P1
44	51	C	07H	TEC		4B00015	720ZU	01C-	0.2	0.79	140	14	P1
17	53	H	07H	TEH		7A00025	720ZW	02H-	0.2	0.95	124	19	P1
22	53	H	07H	TEH		7A00025	720ZW	01H-	0.2	0.97	130	11	P1
24	53	H	07H	TEH		7A00025	720ZW	03H-	0.1	0.58	139	11	P1
35	56	H	07H	TEH		7A00025	720ZW	01H-	0.1	0.80	138	12	P1
40	56	C	07H	TEC		5B00018	720ZU	07C-	0.3	0.67	139	17	P1
15	58	H	07H	TEH		7A00026	720ZW	01H-	0.2	0.64	144	8	P1
43	59	C	07H	TEC		5B00018	720ZU	03C-	0.3	0.80	140	16	P1
37	60	H	07H	TEH		7A00026	720ZW	02H-	0.2	0.73	148	7	P1
26	62	C	07H	TEC		6B00020	720ZW	NV1+	0.0	0.58	0	13	P2
		C	07H	TEC		6B00020	720ZW	NV2+	0.0	0.42	0	9	P2
30	65	C	07H	TEC		6B00020	720ZW	NV1-	0.2	0.65	0	14	P2
		C	07H	TEC		6B00020	720ZW	NV2-	0.1	0.64	0	14	P2
		C	07H	TEC		6B00020	720ZW	NV3-	0.0	0.62	0	13	P2
		C	07H	TEC		6B00020	720ZW	NV4+	0.2	0.59	0	13	P2
26	66	C	07H	TEC		6B00020	720ZW	NV2+	0.0	0.63	0	14	P2
		C	07H	TEC		6B00020	720ZW	NV3-	0.3	0.56	0	12	P2
40	69	C	07H	TEC		6B00021	720ZU	03C-	0.3	0.72	159	2	P1
1	71	H	07H	TEH		8A00029	720ZW	06H+	35.2	0.32	156	13	1
23	72	H	07H	TEH		9A00030	720ZW	02H-	0.2	0.81	144	8	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
0% TO 19% for the entire length

Page: 3 of 3
Date: 01/27/93
Time: 11:41

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
33	73	H	07H	TEH		9A00030	720ZW	02H- 0.2	0.95	129	17	P1
26	74	H	07H	TEH		9A00030	720ZW	02H- 0.3	1.13	150	2	P1
22	75	H	07H	TEH		9A00031	720ZW	02H- 0.2	1.11	135	11	P1
15	77	H	07H	TEH		9A00031	720ZW	01H- 0.0	1.08	135	8	P1
24	78	H	07H	TEH		9A00032	720ZW	01H- 0.3	1.18	144	2	P1
26	78	H	07H	TEH		9A00032	720ZW	01H- 0.3	1.14	133	6	P1
30	79	C	07H	TEC		7B00023	720ZU	01C- 0.2	2.16	138	14	P1
6	80	H	07H	TEH		9A00032	720ZW	04H- 0.2	0.85	142	6	P1
8	80	H	06C	TEH		9A00032	720ZW	01H- 0.2	1.31	134	5	P1
22	81	H	07H	TEH		9A00032	720ZW	01H- 0.2	0.61	137	8	P1
29	81	C	07H	TEC		7B00023	720ZU	01C- 0.1	1.28	136	16	P1
9	82	H	07H	TEH		9A00033	720ZW	05H- 0.3	1.31	137	12	P1
30	82	C	07H	TEC		7B00024	720ZU	01C- 0.0	0.75	143	9	P1
31	82	C	07H	TEC		7B00024	720ZU	02C- 0.1	1.09	139	12	P1
30	83	C	07H	TEC		7B00024	720ZU	01C- 0.3	1.18	140	13	P1
5	85	H	07H	TEH		10A00034	720ZW	01H- 0.1	0.75	140	10	P1
26	85	C	07H	TEC		7B00024	720ZU	02C- 0.1	1.83	134	18	P1
28	85	C	07H	TEC		7B00024	720ZU	01C- 0.1	0.74	138	15	P1
19	89	C	07H	TEC		8B00025	720ZW	01C- 0.1	2.13	144	14	P1
5	93	C	07H	TEC		8B00026	720ZU	01C+ 0.1	0.80	155	9	P1
9	93	C	07H	TEC		8B00026	720ZU	01C+ 0.0	1.25	153	12	P1

NUMBER OF TUBES IN REPORT = 58

NSP

DATE: 01/27/93

TIME: 11:46

STEAM GENERATOR: 11

GROUPS: All groups included

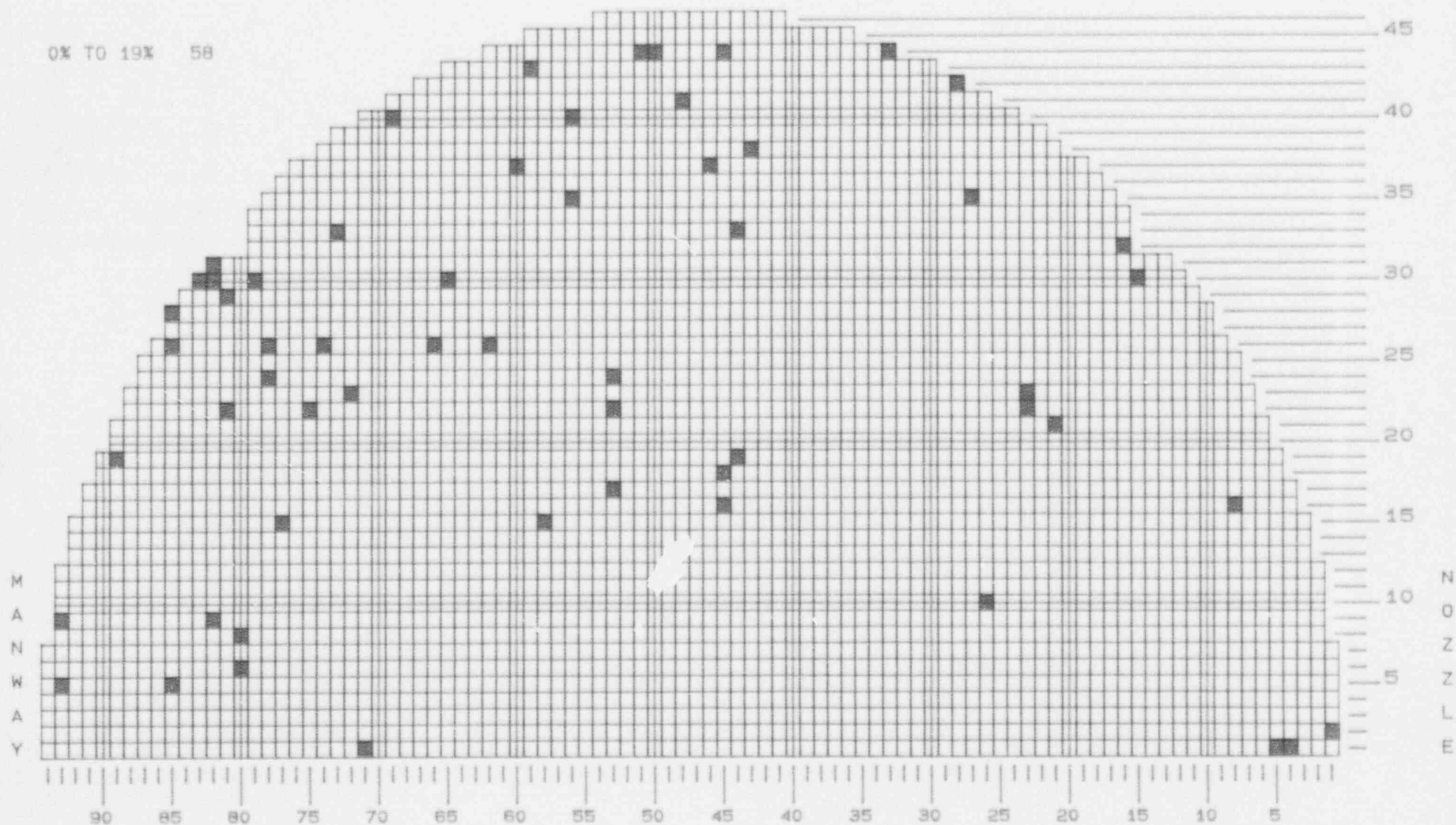
0% TO 19% for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



0% TO 19% 58



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 1 of 5
Date: 01/27/93
Time: 11:48

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
6	2	C	07H	TEC		9B00030	700ZS	TSC+ 0.8	0.53	154	23	1
12	15	C	07H	TEC		1B00002	720ZU	TSC+ 0.4	0.78	153	23	1
23	19	H	07H	TEH		3A00010	720ZW	01H- 0.2	0.27	129	23	P1
3	23	H	07H	TEH		3A00010	720ZW	02H- 0.1	0.50	128	24	P1
31	26	H	07H	TEH		3A00012	720ZW	01H- 0.0	0.67	123	25	P1
16	27	H	07H	TEH		3A00012	720ZW	03H- 0.2	0.93	127	21	P1
42	32	H	07H	TEH		3A00014	720ZW	01H+ 2.3	0.27	145	25	1
		C	07H	TEC		2B00008	720ZU	NV4+ 0.0	1.10	0	23	P2
38	35	C	07H	TEC		3B00009	720ZU	07H+ 38.0	0.59		29	P2
39	35	C	07H	TEC		3B00009	720ZU	07H+ 37.8	0.93	0	29	P2
40	35	C	07H	TEC		3B00009	720ZU	NV2+ 2.0	0.58	0	29	P2
35	37	C	07H	TEC		3B00009	720ZU	NV4+ 4.5	0.86	0	21	P2
45	37	C	07H	TEC		3B00009	720ZU	03C- 0.1	1.48	139	21	P1
36	38	C	07H	TEC		3B00010	720ZU	NV2+ 32.8	0.96	0	20	P2
26	39	C	07H	TEC		3B00010	720ZU	NV3- 0.1	1.26	0	24	P2
27	39	C	07H	TEC		3B00010	720ZU	NV2+ 3.0	1.53	0	28	P2
		C	07H	TEC		3B00010	720ZU	NV2+ 23.7	1.22	0	24	P2
41	39	C	07H	TEC		3B00010	720ZU	NV2+ 38.3	0.93	0	20	P2
43	39	C	07H	TEC		3B00010	720ZU	NV2+ 39.7	1.36	0	26	P2
35	40	C	07H	TEC		3B00010	720ZU	07H+ 33.6	0.96	0	20	P2
40	41	C	07H	TEC		3B00010	720ZU	07H+ 34.8	1.31	0	25	P2
		C	07H	TEC		3B00010	720ZU	NV2+ 2.2	1.15	0	23	P2
35	42	C	07H	TEC		3B00010	720ZU	07H+ 33.9	1.36	0	26	P2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 2 of 5
Date: 01/27/93
Time: 11:48

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
16	44	H	07H	TEH		6A00019	720ZW	02H- 0.3	1.85	128	26	P1
36	45	C	07H	TEC		4B00012	720ZW	NV4+ 2.8	0.96	0	20	P2
36	47	C	07H	TEC		4B00013	720ZU	NV4+ 3.7	1.14	0	24	P2
35	48	C	07H	TEC		4B00014	720ZU	NV2+ 30.8	1.06	0	21	P2
41	49	C	07H	TEC		4B00014	720ZU	NV2+ 38.0	1.12	0	22	P2
		C	07H	TEC		4B00014	720ZU	NV4+ 4.8	1.43	0	26	P2
38	50	C	07H	TEC		4B00015	720ZU	NV2+ 2.5	1.03	0	21	P2
41	50	C	07H	TEC		4B00015	720ZU	07H+ 38.8	1.20	0	24	P2
		C	07H	TEC		4B00015	720ZU	NV2+ 2.6	1.40	0	27	P2
35	51	C	07H	TEC		8B00028	700ZS	NV2+ 32.2	1.04	0	21	P2
		C	NV2	TEC		4B00016	720ZU	NV2+ 32.7	1.05	0	21	P2
		C	NV2	TEC		4B00016	720ZU	NV4+ 3.4	0.89	0	20	P2
36	51	C	07H	TEC		4B00016	720ZU	NV2+ 2.5	0.91	0	20	P2
		C	07H	TEC		4B00016	720ZU	NV2+ 33.3	1.55	0	26	P2
38	51	C	07H	TEC		4B00016	720ZU	NV2+ 35.4	1.67	0	28	P2
39	51	C	07H	TEC		4B00016	720ZU	NV2+ 36.0	0.99	0	21	P2
43	51	C	07H	TEC		4B00015	720ZU	NV2+ 41.2	1.51	0	28	P2
		C	07H	TEC		4B00015	720ZU	NV4+ 5.7	1.21	0	24	P2
38	52	C	07H	TEC		4B00016	720ZU	NV2+ 35.3	1.47	0	26	P2
		C	07H	TEC		4B00016	720ZU	NV4+ 4.6	0.91	0	20	P2
40	52	C	07H	TEC		4B00016	720ZU	07H+ 37.3	1.10	0	21	P2
		H	07H	TEH		6A00022	720ZW	07H+ 38.4	1.32	0	26	P2
		C	07H	TEC		4B00016	720ZU	NV2+ 37.4	1.74	0	29	P2
		C	07H	TEC		4B00016	720ZU	NV4+ 5.1	1.15	0	21	P2
16	53	H	07H	TEH		7A00025	720ZW	02H- 0.2	0.57	131	20	P1
30	53	C	07H	TEC		4B00016	720ZU	07H+ 34.4	1.18	0	22	P2
		C	07H	TEC		4B00016	720ZU	NV2+ 1.7	1.31	0	23	P2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 3 of 5
Date: 01/27/93
Time: 11:48

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
38	53	C	07H	TEC		4B00016	720ZU	NV2+ 2.2	1.03	0	20	P2
		C	07H	TEC		4B00016	720ZU	NV4+ 5.0	1.26	0	23	P2
43	53	C	07H	TEC		4B00016	720ZU	NV2+ 40.4	1.33	0	24	P2
		C	07H	TEC		4B00016	720ZU	NV4+ 5.5	0.99	0	20	P2
44	53	C	07H	TEC		4B00016	720ZU	01C- 0.2	3.53	130	25	P1
17	54	H	07H	TEH		7A00025	720ZW	02H+ 0.1	1.04	120	24	P1
29	54	C	07H	TEC		5B00017	720ZU	07H+ 33.5	1.17	0	24	P2
		C	07H	TEC		5B00017	720ZU	NV2+ 1.7	1.21	0	24	P2
		C	07H	TEC		5B00017	720ZU	NV2+ 25.0	1.14	0	23	P2
		C	07H	TEC		5B00017	720ZU	NV4+ 2.0	1.02	0	21	P2
36	54	C	07H	TEC		5B00017	720ZU	NV2+ 33.2	0.97	0	20	P2
		C	07H	TEC		5B00017	720ZU	NV4+ 4.7	1.00	0	21	P2
31	55	C	07H	TEC		5B00017	720ZU	NV2+ 27.6	1.19	0	24	P2
37	55	C	07H	TEC		5B00017	720ZU	NV2+ 34.0	0.95	0	20	P2
43	55	C	07H	TEC		5B00017	720ZU	NV4+ 4.9	1.40	0	27	P2
26	56	C	07H	TEC		5B00017	720ZU	NV2+ 22.0	1.49	0	28	P2
36	56	C	07H	TEC		5B00018	720ZU	NV2+ 1.6	1.54	0	28	P2
40	56	C	07H	TEC		5B00018	720ZU	NV4+ 3.8	1.27	0	25	P2
35	57	C	07H	TEC		5B00018	720ZU	NV2+ 1.8	1.63	0	29	P2
36	57	C	07H	TEC		5B00018	720ZU	NV4+ 2.7	1.13	0	23	P2
39	57	C	06H	TEC		5B00018	720ZU	NV2+ 36.2	1.22	0	24	P2
		C	06H	TEC		5B00018	720ZU	NV4+ 4.4	1.25	0	25	P2
38	58	C	07H	TEC		8B00028	700ZS	NV2+ 34.6	0.99	0	20	P2
		C	07H	TEC		8B00028	700ZS	NV4+ 5.6	1.09	0	22	P2
39	58	C	07H	TEC		5B00018	720ZU	NV2+ 2.2	1.36	0	26	P2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 4 of 5
Date: 01/27/93
Time: 11:48

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
45	58	C	07H	TEC		5B00018	720ZU	01C- 0.2	1.15	127	28	P1
44	59	H	07H	TEH		7A00026	720ZW	TSH+ 1.3	0.37	150	21	1
31	60	C	07H	TEC		5B00019	720ZU	07H+ 33.3	1.05	0	22	P2
		C	07H	TEC		5B00019	720ZU	NV2+ 1.4	1.21	0	24	P2
27	61	C	07H	TEC		6B00020	720ZW	NV2+ 1.3	0.96	0	20	P2
40	61	C	07H	TEC		5B00019	720ZU	NV2+ 36.7	0.93	0	20	P2
38	62	C	07H	TEC		6B00020	720ZW	NV2+ 34.9	1.08	0	22	P2
		C	07H	TEC		6B00020	720ZW	NV4+ 4.1	1.08	0	21	P2
42	62	C	07H	TEC		6B00020	720ZW	01C- 0.2	2.11	125	26	P1
36	63	C	07H	TEC		6B00020	720ZW	NV2+ 32.6	1.12	0	22	P2
33	64	C	07H	TEC		6B00020	720ZW	NV2+ 29.2	0.97	0	20	P2
30	65	C	07H	TEC		6B00020	720ZW	NV2+ 1.5	0.96	0	20	P2
36	66	C	07H	TEC		6B00021	720ZU	NV2+ 31.7	0.84	0	20	P2
37	71	C	07H	TEC		6B00021	720ZU	01C+ 0.1	0.85	134	25	P1
37	72	C	07H	TEC		7B00022	720ZU	01C+ 0.1	1.20	132	28	P1
35	77	C	07H	TEC		7B00023	720ZU	02C+ 0.1	1.83	135	21	P1
29	80	C	07H	TEC		7B00023	720ZU	01C- 0.2	1.42	131	23	P1
30	80	C	07H	TEC		7B00023	720ZU	01C- 0.2	1.54	132	22	P1
30	82	C	07H	TEC		7B00024	720ZU	02C+ 0.0	0.75	132	22	P1
27	85	C	07H	TEC		7B00024	720ZU	01C- 0.1	1.59	130	22	P1
22	87	C	07H	TEC		8B00025	720ZW	01C- 0.2	2.14	131	27	P1
20	88	C	07H	TEC		8B00025	720ZW	02C- 0.3	1.43	135	23	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 5 of 5
Date: 01/27/93
Time: 11:48

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
16	89	C	07H	TEC		8B00025	720ZW	01C- 0.3	1.46	132	27	P1
17	89	C	07H	TEC		8B00025	720ZW	01C- 0.2	1.22	131	27	P1
19	90	C	07H	TEC		8B00025	720ZW	01C- 0.2	0.94	138	20	P1
7	92	C	07H	TEC		8B00026	720ZU	01C- 0.1	1.83	143	22	P1
10	93	C	07H	TEC		8B00025	720ZW	02C- 0.1	1.75	137	22	P1

NUMBER OF TUBES IN REPORT = 78

NSP

DATE: 01/27/93

TIME: 11:53

STEAM GENERATOR: 11

GROUPS: All groups included

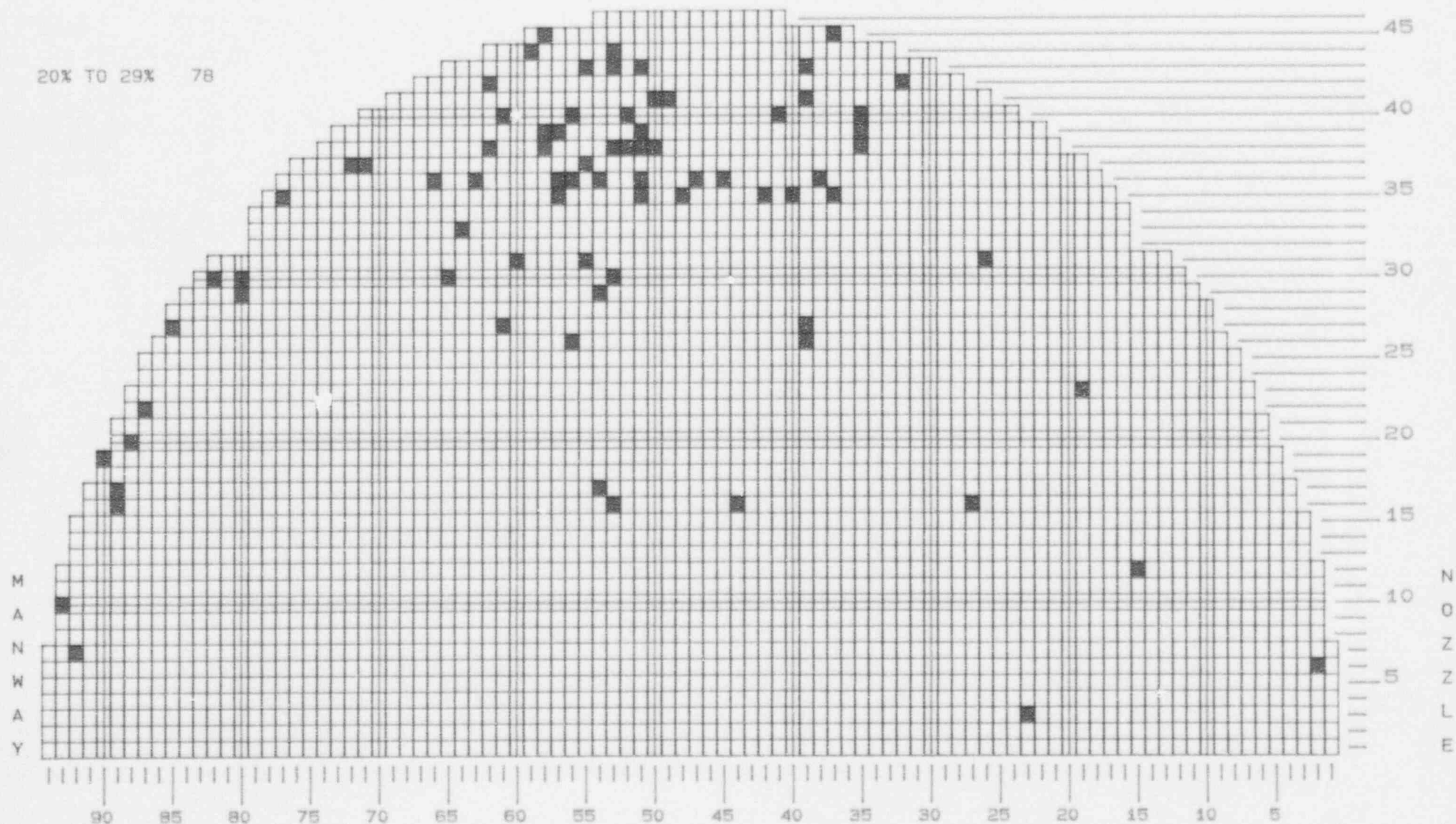
20% TO 29% for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



20% TO 29% 78



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
30% TO 39% for the entire length

Page: 1 of 2
Date: 01/27/93
Time: 11:56

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
1	2	H	07H	TEH		2A00007	720ZW	TSH+ 17.4	1.83	134	36	1
1	3	H	07H	TEH		2A00007	720ZW	TSH+ 17.4	1.31	139	31	1
33	16	C	07H	TEC		1B00002	720ZU	01C- 0.4	1.44	126	30	P1
31	21	H	07H	TEH		3A00010	720ZW	01H- 0.2	0.40	122	30	P1
35	40	C	07H	TEC		3B00010	720ZU	NV2+ 1.9	2.81	0	39	P2
35	42	C	07H	TEC		3B00010	720ZU	NV2+ 2.0	2.30	0	35	P2
35	48	C	07H	TEC		4B00014	720ZU	NV4+ 3.5	2.46	0	37	P2
43	49	C	07H	TEC		4B00014	720ZU	NV2+ 39.4	1.91	0	32	P2
		C	07H	TEC		4B00014	720ZU	NV4+ 5.2	1.85	0	31	P2
40	52	C	07H	TEC		4B00016	720ZU	NV2+ 2.0	2.12	0	33	P2
30	53	C	07H	TEC		4B00016	720ZU	NV2+ 26.9	1.88	0	30	P2
38	53	C	07H	TEC		4B00016	720ZU	NV2+ 35.5	2.54	0	36	P2
45	53	C	07H	TEC		4B00016	720ZU	01C- 0.2	1.24	129	32	P1
36	54	C	07H	TEC		5B00017	720ZU	NV2+ 2.2	2.15	0	35	P2
42	54	C	07H	TEC		5B00017	720ZU	NV2+ 39.5	1.86	0	32	P2
		C	07H	TEC		5B00017	720ZU	NV4+ 5.7	2.23	0	35	P2
43	54	C	07H	TEC		5B00017	720ZU	01C- 0.1	1.93	126	30	P1
26	56	C	07H	TEC		5B00017	720ZU	NV4+ 0.1	1.89	0	32	P2
36	56	C	07H	TEC		5B00018	720ZU	NV4+ 2.8	1.73	0	30	P2
35	57	C	07H	TEC		5B00018	720ZU	NV2+ 31.9	1.81	0	31	P2
35	58	C	06H	TEC		5B00018	720ZU	NV4+ 3.4	2.00	0	33	P2
38	58	C	07H	TEC		8B00028	700ZS	07H+ 36.2	2.23	0	35	P2
		C	07H	TEC		8B00028	700ZS	NV2+ 2.0	2.72	0	39	P2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release..: 2.2
30% TO 39% for the entire length

Page: 2 of 2
Date: 01/27/93
Time: 11:56

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT			
			BEG	END						VOLTS	DEG	%	CH
39	58	C	07H	TEC		5B00018	720ZU	NV2+	35.9	1.68	0	30	P2
		C	07H	TEC		5B00018	720ZU	NV4+	5.5	1.71	0	30	P2
43	58	H	07H	TEH		7A00026	720ZW	TSH+	1.0	1.50	141	30	1
40	59	C	06H	TEC		5B00018	720ZU	NV4+	3.8	2.53	0	38	P2
31	60	C	07H	TEC		5B00019	720ZU	NV2+	27.4	1.90	0	32	P2
27	61	C	07H	TEC		6B00020	720ZW	07H+	32.0	1.74	0	30	P2
40	67	C	07H	TEC		6B00021	720ZU	01C-	0.0	1.33	123	32	P1
33	76	C	07H	TEC		7B00023	720ZU	01C-	0.3	1.80	124	33	P1
32	77	C	07H	TEC		7B00023	720ZU	01C-	0.3	1.84	123	32	P1
35	77	C	07H	TEC		7B00023	720ZU	01C-	0.2	2.06	118	39	P1
31	78	C	07H	TEC		7B00023	720ZU	01C-	0.2	2.13	123	32	P1
28	81	C	07H	TEC		7B00023	720ZU	01C-	0.1	0.96	123	34	P1
30	83	C	07H	TEC		7B00024	720ZU	02C-	0.0	2.28	124	31	P1
29	84	C	07H	TEC		7B00024	720ZU	02C+	0.2	2.09	118	35	P1
24	86	C	07H	TEC		8B00025	720ZW	01C-	0.2	3.36	125	32	P1
22	88	C	07H	TEC		8B00025	720ZW	01C-	0.1	1.85	122	35	P1

NUMBER OF TUBES IN REPORT = 35

NSP

DATE: 01/27/93

TIME: 12: 00

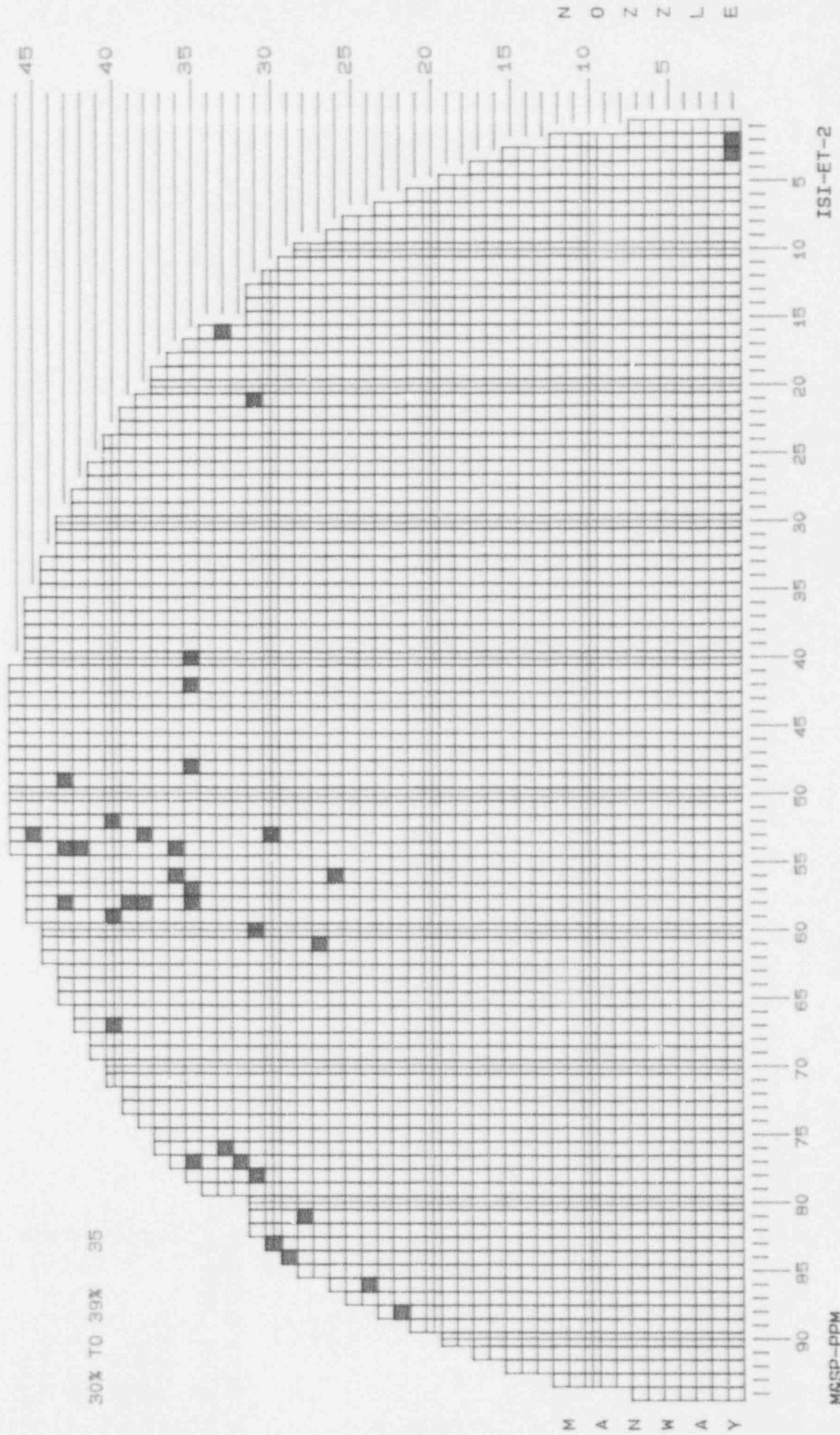
STEAM GENERATOR: 11

GROUPS: All groups included

30% TO 39% for the entire length

CUMULATIVE INDICATIONS REPORT--BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 1 of 1
Date: 01/27/93
Time: 12:15

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
40	59	C	06H	TEC		5B00018	720ZU	NV2+ 2.1	2.82	0	40	P2
		C	06H	TEC		5B00018	720ZU	NV2+ 36.9	3.13	0	42	P2
36	60	C	NV2	TEC		10B00035	700ZS	NV2+ 1.4	2.97	0	40	P2
31	80	C	07H	TEC		7B00023	720ZU	02C+ 0.1	5.08	115	41	P1

NUMBER OF TUBES IN REPORT = 3

NSP

DATE: 01/27/93

TIME: 12:18

STEAM GENERATOR: 11

GROUPS: All groups included

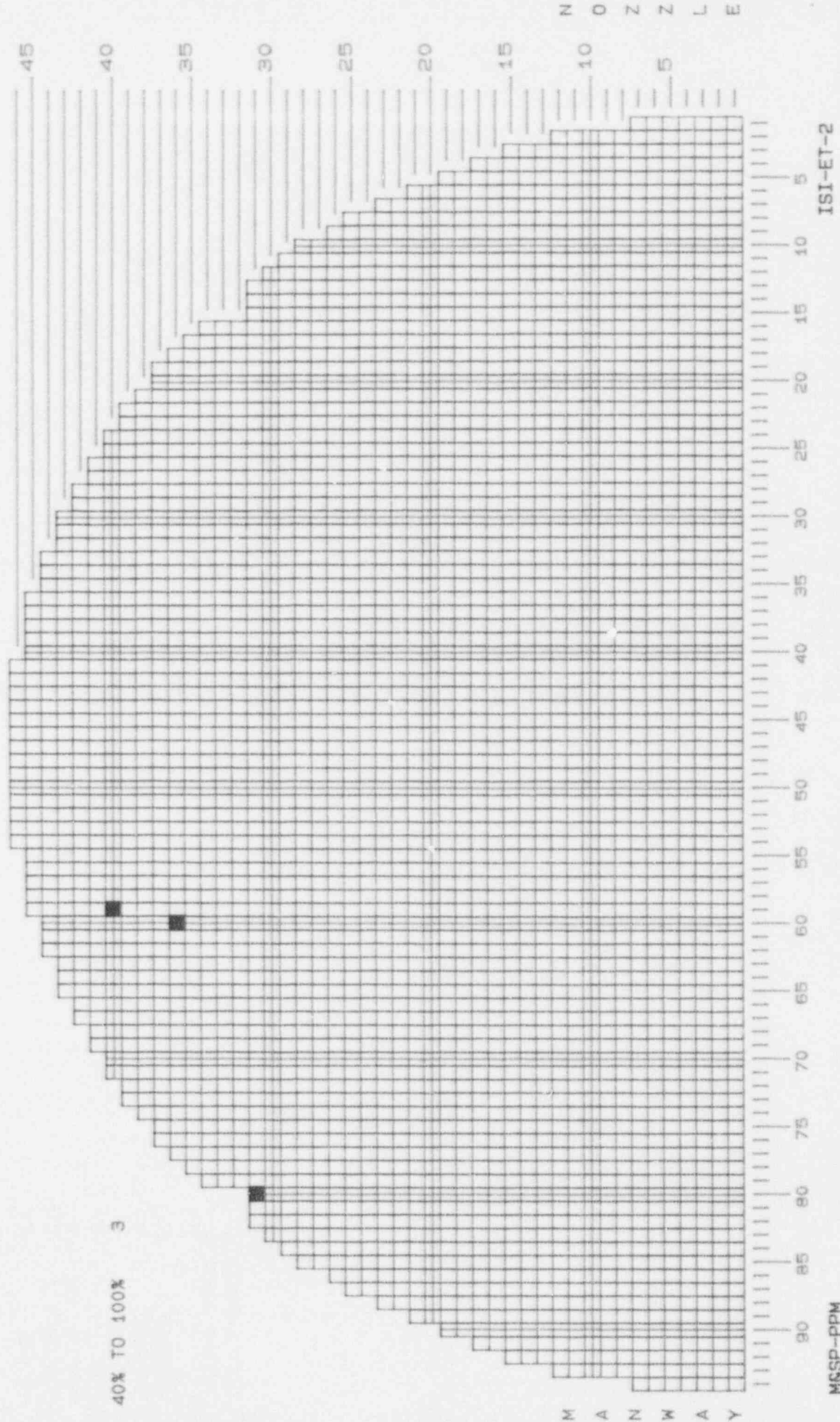
40% TO 100% for the entire length

CIR, MAI, SAI for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1

NSP



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 1 of 1
Date: 01/27/93
Time: 12:41

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
8	2	H						11/92			PLG	
9	2	H						11/92			PLG	
7	3	H						11/92			PLG	
9	4	H						11/92			PLG	
3	48	H						11/92			PLG	
31	80	H						11/92			PLG	
		C						11/92			PLG	

NUMBER OF TUBES IN REPORT = 6

NSP

DATE: 01/27/93

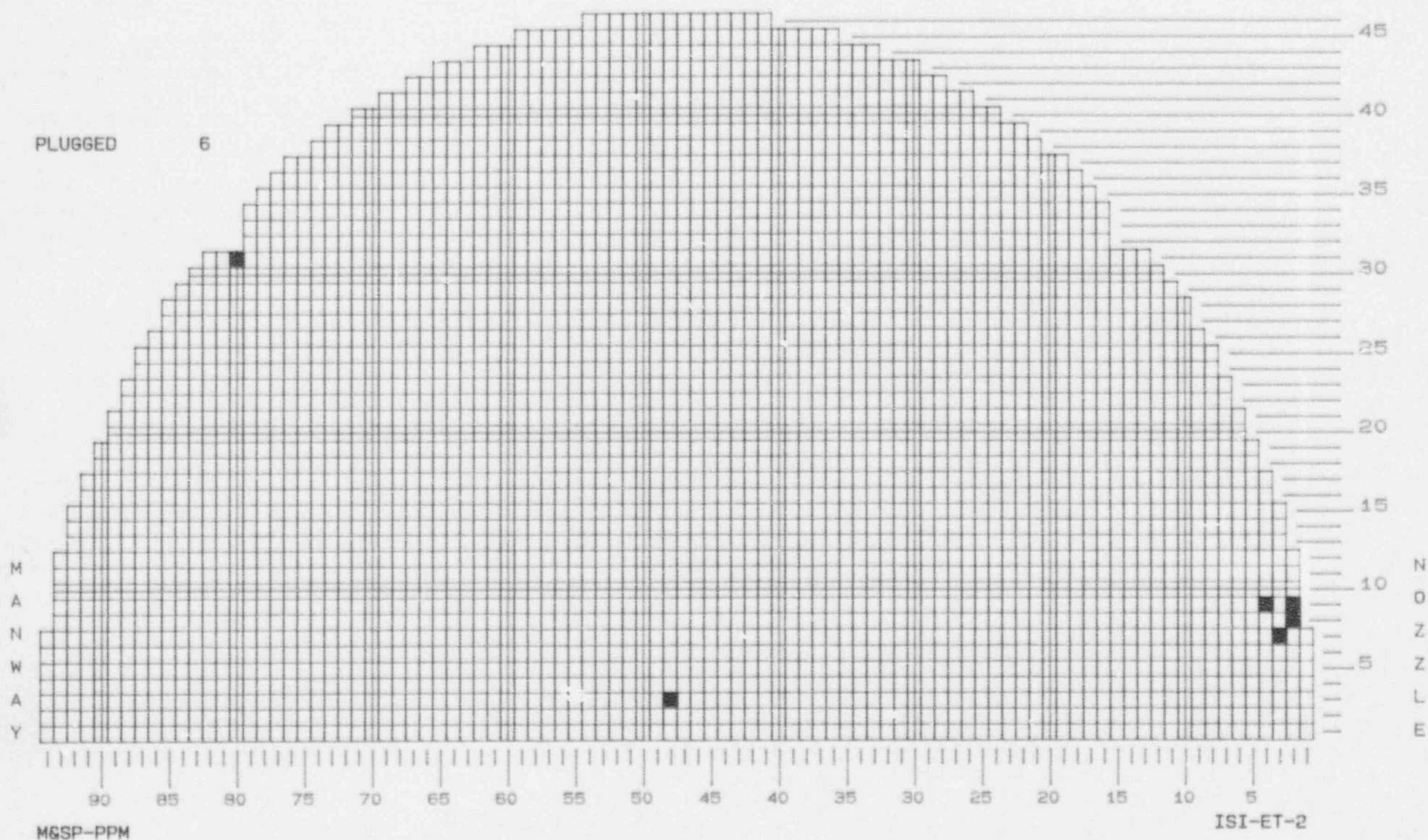
TIME: 12:44

STEAM GENERATOR: 11

GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 1 of 6
Date: 01/27/93
Time: 13:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
1	1	H C						01/90 01/90			PLG PLG	
3	1	H C						10/79 10/79			PLG PLG	
4	1	H C						10/79 10/79			PLG PLG	
5	1	H C						10/79 10/79			PLG PLG	
3	2	H C						10/79 10/79			PLG PLG	
4	2	H C						10/79 10/79			PLG PLG	
5	2	H C						10/79 10/79			PLG PLG	
8	2	C H						08/88 11/92			PLG PLG	
9	2	C H						08/88 11/92			PLG PLG	
7	3	C H						08/88 11/92			PLG PLG	
9	3	H C						09/81 09/81			PLG PLG	
8	4	H C						09/81 09/81			PLG PLG	
9	4	C H						08/88 11/92			PLG PLG	
9	5	H C						01/90 01/90			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 2 of 6
Date: 01/27/93
Time: 13:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
1	13	H C						06/91 06/91			PLG PLG	
28	16	H C						01/90 01/90			PLG PLG	
42	31	H C						09/81 09/81			PLG PLG	
36	35	H C						09/81 09/81			PLG PLG	
38	38	H C						09/81 09/81			PLG PLG	
36	40	H C						09/81 09/81			PLG PLG	
45	40	H C						01/90 01/90			PLG PLG	
45	42	H C						01/90 01/90			PLG PLG	
29	43	H C						09/81 09/81			PLG PLG	
30	43	H C						09/81 09/81			PLG PLG	
31	43	H C						09/81 09/81			PLG PLG	
31	44	H C						01/90 01/90			PLG PLG	
32	45	H C						09/81 09/81			PLG PLG	
29	46	H C						01/85 01/85			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 3 of 6
Date: 01/27/93
Time: 13:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
19	47	H C						09/81 09/81			PLG PLG	
3	48	C H						08/88 11/92			PLG PLG	
36	48	H C						09/81 09/81			PLG PLG	
45	49	H C						01/90 01/90			PLG PLG	
43	50	H C						09/81 09/81			PLG PLG	
45	50	H C						01/90 01/90			PLG PLG	
25	51	H C						12/83 12/83			PLG PLG	
45	51	H C						01/90 01/90			PLG PLG	
36	52	H C						09/81 09/81			PLG PLG	
32	53	H C						01/85 01/85			PLG PLG	
46	53	H C						01/85 01/85			PLG PLG	
31	54	H C						09/81 09/81			PLG PLG	
37	54	H C						09/81 09/81			PLG PLG	
38	54	H C						09/81 09/81			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
 Leg.....: Hot and Cold legs
 Release...: 2.2
 See title page for report selection criteria.

Page: 4 of 6
 Date: 01/27/93
 Time: 13:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
31	56	H C						12/83 12/83			PLG PLG	
39	56	H C						12/83 12/83			PLG PLG	
29	57	H C						12/83 12/83			PLG PLG	
38	57	H C						12/83 12/83			PLG PLG	
43	57	H C						09/81 09/81			PLG PLG	
41	58	H C						01/85 01/85			PLG PLG	
31	59	H C						12/83 12/83			PLG PLG	
41	59	H C						01/85 01/85			PLG PLG	
45	59	H C						01/90 01/90			PLG PLG	
42	60	H C						12/83 12/83			PLG PLG	
31	61	H C						09/81 09/81			PLG PLG	
36	61	H C						01/85 01/85			PLG PLG	
43	61	H C						01/90 01/90			PLG PLG	
35	62	H C						09/81 09/81			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 5 of 6
Date: 01/27/93
Time: 13:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
16	68	H C						09/81 09/81			PLG PLG	
34	76	H C						01/85 01/85			PLG PLG	
37	76	H C						12/83 12/83			PLG PLG	
36	77	H C						01/90 01/90			PLG PLG	
33	78	H C						01/90 01/90			PLG PLG	
34	78	H C						01/90 01/90			PLG PLG	
35	78	H C						09/81 09/81			PLG PLG	
32	79	H C						12/83 12/83			PLG PLG	
34	79	H C						09/81 09/81			PLG PLG	
31	80	H C						11/92 11/92			PLG PLG	
29	83	H C						01/90 01/90			PLG PLG	
25	84	H C						01/90 01/90			PLG PLG	
24	85	H C						01/90 01/90			PLG PLG	
25	85	H C						12/83 12/83			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 11
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 6 of 6
Date: 01/27/93
Time: 13:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
22	86	H C						09/81 09/81			PLG PLG	
25	87	H C						10/84 10/84			PLG PLG	
21	88	H C						01/90 01/90			PLG PLG	
7	94	H C						10/84 10/84			PLG PLG	

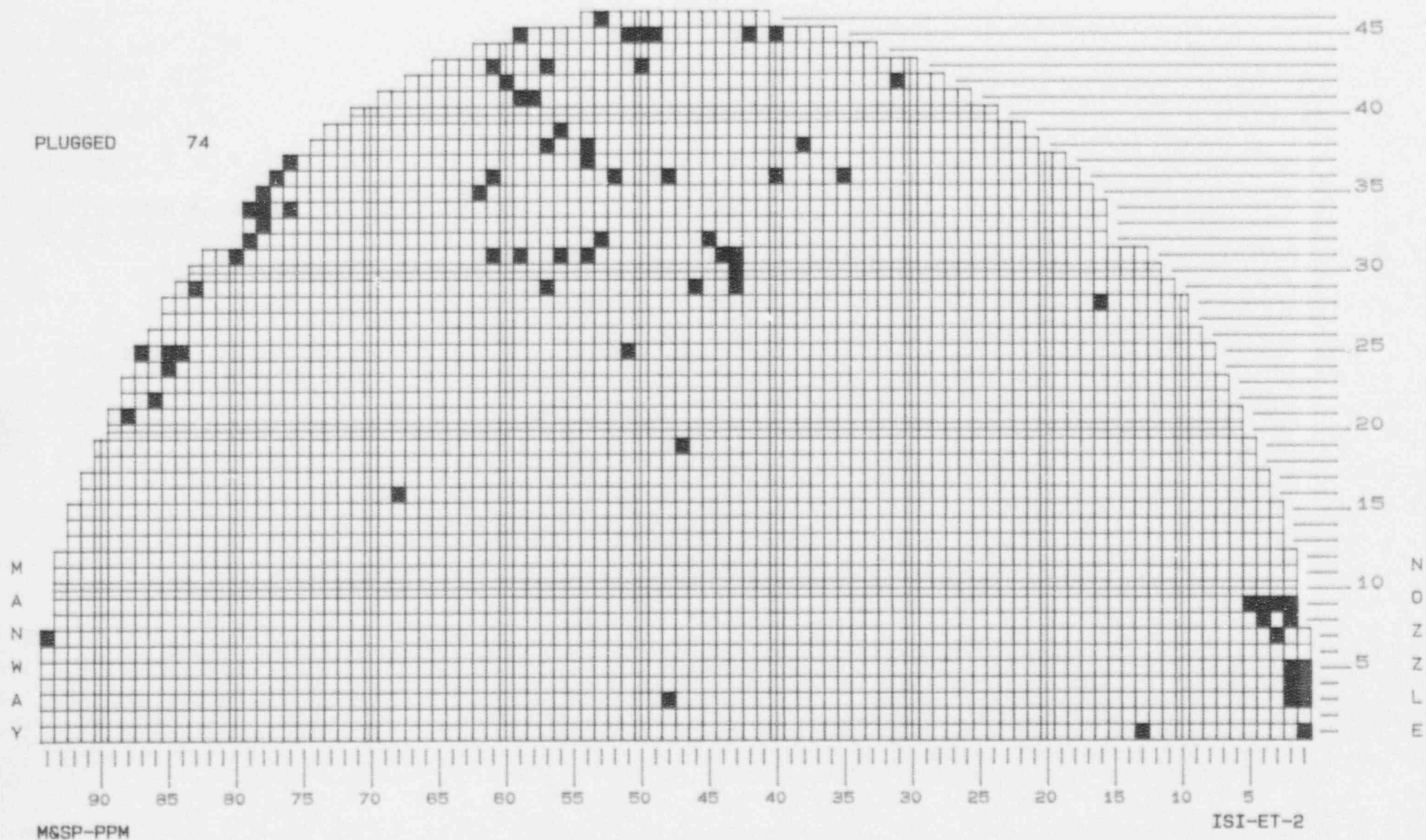
NUMBER OF TUBES IN REPORT = 74

NSP

DATE: 01/27/93
TIME: 14:04
STEAM GENERATOR: 11
GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
0% TO 19% for the entire length

Page: 1 of 2
Date: 01/27/93
Time: 10:05

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
29	21	C	TEH	TEC		2B00006	720ZU	TSH+ 3.2	1.61	158	16	1
7	28	C	STH	TEC		14B00033	720ZU	01H+ 0.2	1.43	153	8	P1
40	29	C	TEH	TEC		4B00008	720ZU	06C+ 36.5	2.51	162	12	1
43	34	C	TEH	TEC		4A00011	720ZU	03H+ 0.2	1.09	134	18	P1
44	35	C	TEH	TEC		4A00011	720ZU	03H+ 0.2	1.05	138	13	P1
13	40	C	TEH	TEC		5B00013	720ZU	02C+ 2.4	1.28	161	12	1
		C	TEH	TEC		5B00013	720ZU	02C+ 37.7	1.69	162	11	1
8	44	C	STH	TEC		14B00034	720ZU	02H- 0.1	0.69	135	2	P1
46	54	C	TEH	TEC		8B00018	720ZU	TSC+ 0.8	3.30	171	18	1
21	58	C	TEH	TEC		7B00019	720ZU	05H+ 0.0	0.56	140	11	F1
42	58	C	TEH	TEC		7B00019	720ZU	03C+ 43.2	0.34	167	12	1
		C	TEH	TEC		7B00019	720ZU	05C+ 35.0	0.43	165	13	1
22	59	C	STH	TEC		7B00020	720ZU	01H+ 0.2	0.82	133	9	P1
43	59	C	TEH	TEC		7B00019	720ZU	01H+ 0.3	2.04	137	8	P1
42	60	C	TEH	TLC		9B00021	720ZU	01C+ 0.1	1.29	139	1	P1
44	60	C	TEH	TEC		9B00021	720ZU	01C+ 0.2	2.18	125	19	P1
40	68	C	TEH	TEC		10B00023	720ZU	01C+ 0.2	1.67	134	17	P1
37	71	C	TEH	TEC		10B00024	720ZU	01C+ 0.1	1.62	133	11	P1
35	76	C	TEH	TEC		11B00026	720ZU	02H+ 0.3	1.07	138	14	P1
33	79	C	TEH	TEC		11B00026	720ZU	03H+ 0.2	0.79	135	19	P1
22	86	C	TEH	TEC		12B00028	720ZU	01C+ 0.0	1.10	131	16	P1
19	87	C	TEH	TEC		12B00028	720ZU	01C- 0.1	1.03	129	18	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
0% TO 19% for the entire length

Page: 2 of 2
Date: 01/27/93
Time: 10:05

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT			
			BEG	END						VOLTS	DEG	%	CH
22	87	C	TEH	TEC		12B00028	720ZU	01C+	0.1	1.41	135	10	P1
24	87	C	TEH	TEC		12B00028	720ZU	01C-	0.1	1.06	141	3	P1
18	89	C	TEH	TEC		12B00028	720ZU	01H-	0.1	0.45	136	10	P1
20	89	C	TEH	TEC		12B00028	720ZU	01H+	0.3	1.39	133	13	P1
17	90	C	TEH	TEC		12B00028	720ZU	01C-	0.1	0.90	132	14	P1
10	92	C	TEH	TEC		12B00028	720ZU	01C+	0.1	1.15	137	8	P1

NUMBER OF TUBES IN REPORT = 26

NSP

DATE: 01/27/93

TIME: 10:09

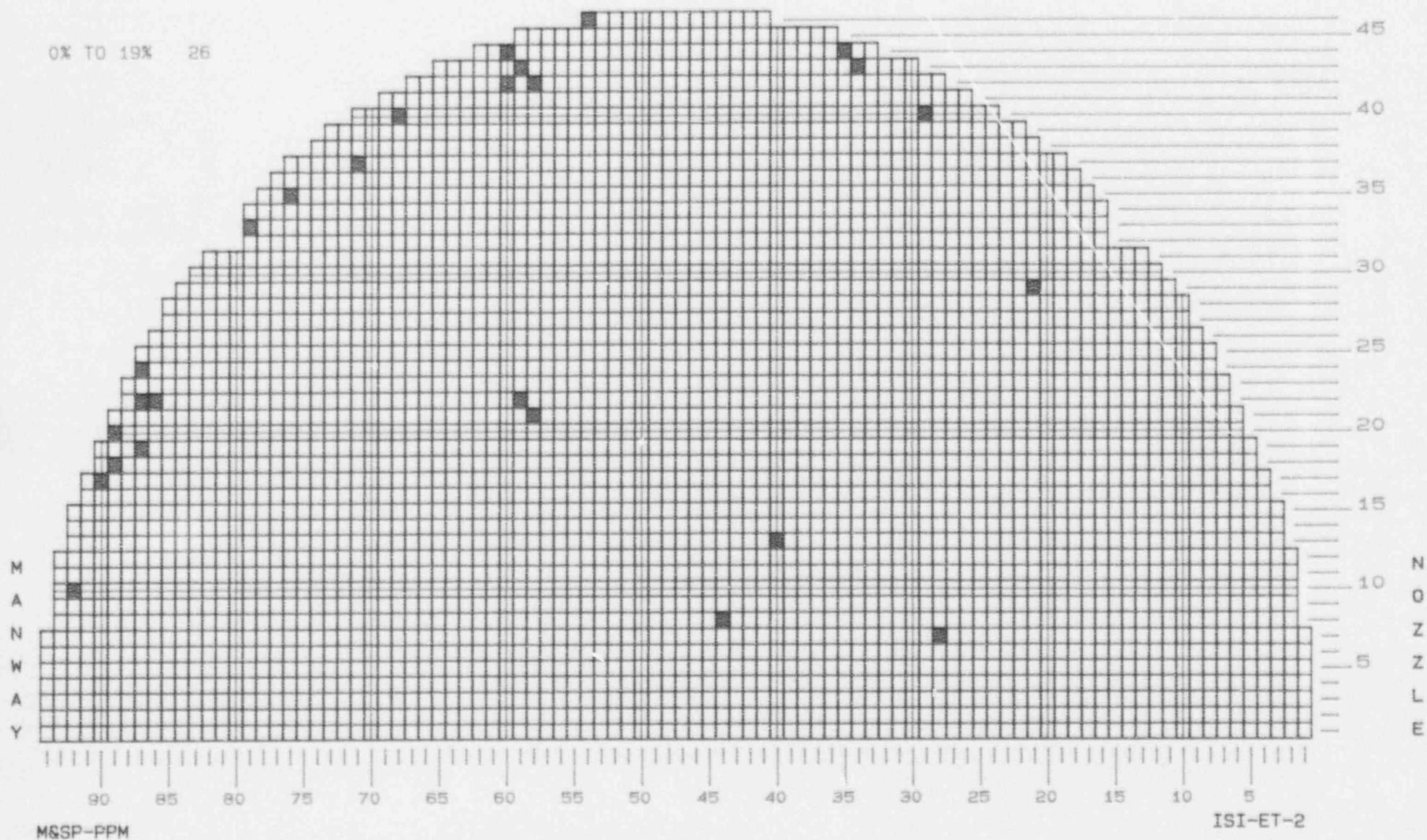
STEAM GENERATOR: 12

GROUPS: All groups included

0% TO 19% for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 1 of 2
Date: 01/27/93
Time: 10:13

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT			
			BEG	END						VOLTS	DEG	%	CH
18	27	C	TEH	TEC		3B00007	720ZU	NV4+	2.2	0.95	0	24	P2
41	29	C	TEH	TEC		4B00008	720ZU	NV2+	0.0	1.61	0	29	P2
19	33	C	STH	TEC		4B00010	720ZU	07H+	23.8	0.91	0	21	P2
41	35	C	TEH	TEC		4A00011	720ZU	NV4+	6.0	0.93	0	22	P2
26	37	C	TEH	TEC		5B00012	720ZU	02H+	0.0	1.37	124	27	P1
41	41	C	TEH	TEC		5B00013	720ZU	NV4+	0.0	0.74	0	20	P2
22	47	C	TEH	TEC		6B00015	720ZU	NV2+	16.9	0.99	0	21	P2
38	48	C	TEH	TEC		7B00016	720ZU	NV2+	34.9	0.80	0	20	P2
		C	TEH	TEC		7B00016	720ZU	NV4+	7.6	1.34	0	27	P2
17	49	C	TEH	TEC		7B00016	720ZU	NV2+	1.6	1.12	0	25	P2
18	49	C	TEH	TEC		7B00016	720ZU	NV2+	1.7	1.18	0	25	P2
41	50	C	TEH	TEC		7B00016	720ZU	NV2+	38.0	1.13	0	25	P2
41	51	C	TEH	TEC		7B00016	720ZU	NV2+	38.1	0.80	0	20	P2
		C	TEH	TEC		7B00016	720ZU	NV4+	7.7	1.06	0	24	P2
24	52	C	TEH	TEC		7B00017	720ZU	NV2+	1.7	1.04	0	21	P2
36	53	C	TEH	TEC		7B00017	720ZU	NV3+	15.9	1.04	0	21	P2
22	57	C	TEH	TEC		7B00019	720ZU	NV2+	18.4	0.91	0	20	P2
44	59	C	TEH	TEC		7B00019	720ZU	TSH+	13.8	0.32	155	21	1
17	68	C	TEH	TEC		10B00023	720ZU	07H+	22.2	1.09	0	23	P2
25	68	C	TEH	TEC		10B00023	720ZU	07H+	27.8	0.96	0	26	P2
38	72	C	TEH	TEC		10B00024	720ZU	01C+	0.2	1.49	134	22	P1
36	75	C	TEH	TEC		11B00025	720ZU	01C+	0.1	1.18	125	28	P1
		C	TEH	TEC		11B00025	720ZU	03H+	0.2	0.57	133	22	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
20% TO 29% for the entire length

Page: 2 of 2
Date: 01/27/93
Time: 10:13

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT			
			BEG	END						VOLTS	DEG	%	CH
35	77	C	TEH	TEC		11B00026	720ZU	01C+	0.0	0.79	126	28	P1
29	80	C	TEH	TEC		11B00026	720ZU	01C+	0.1	1.00	127	25	P1
8	83	C	TEH	TEC		12B00029	720ZU	04H+	9.9	0.93	162	21	1
25	84	C	TEH	TEC		12B00028	720ZU	01C+	0.0	1.11	117	24	P1
20	88	C	TEH	TEC		12B00028	720ZU	01C-	0.1	0.68	128	20	P1

NUMBER OF TUBES IN REPORT = 25

NSP

DATE: 01/27/93

TIME: 10:17

STEAM GENERATOR: 12

GROUPS: All groups included

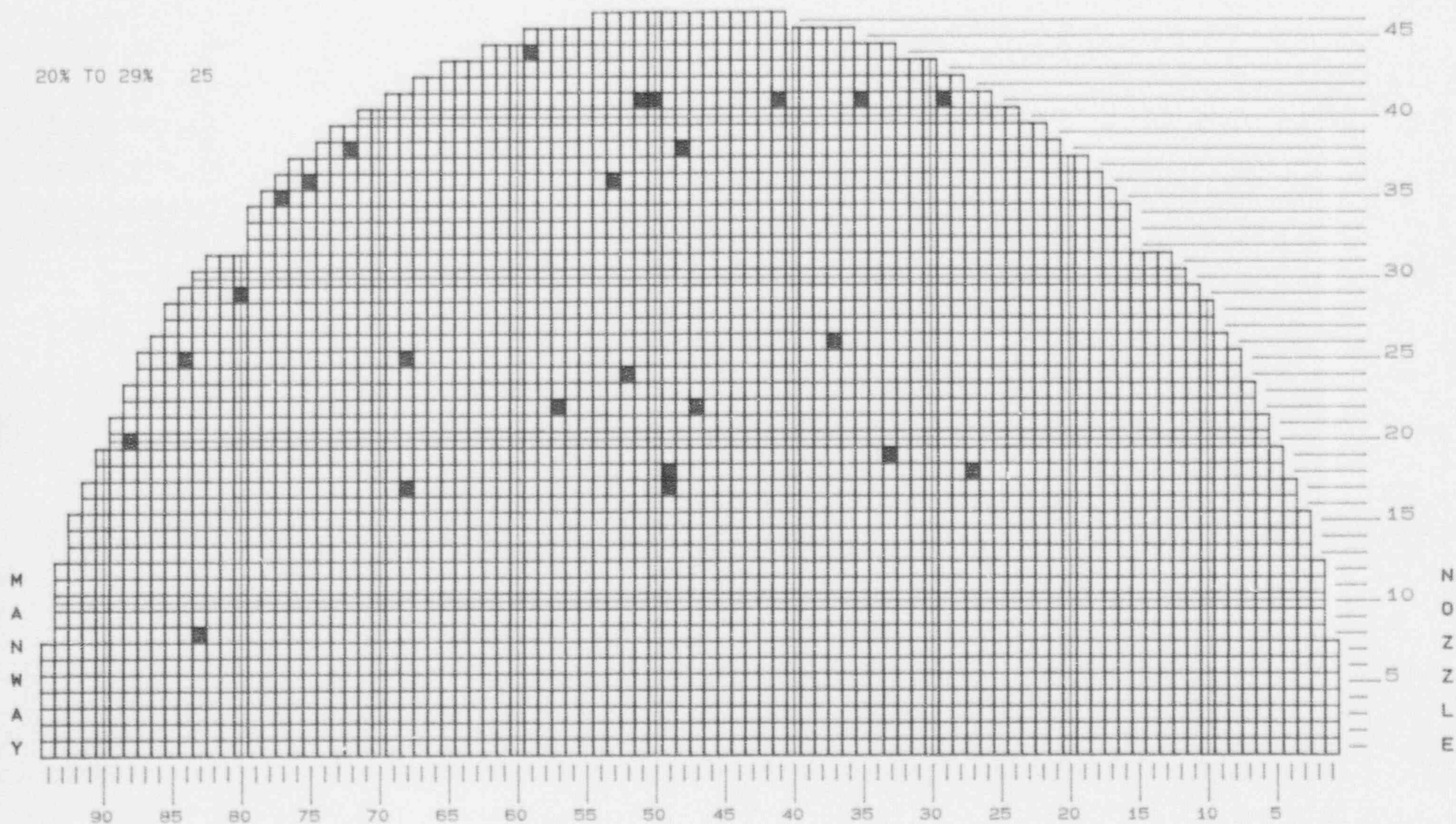
20% TO 29% for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



20% TO 29% 25



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
30% TO 39% for the entire length

Page: 1 of 1
Date: 01/27/93
Time: 10:37

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT			
			BEG	END						VOLTS	DEG	%	CH
40	29	C	TEH	TEC		4B00008	720ZU	NV3+	0.0	2.43	0	37	P2
41	44	C	TEH	TEC		6B00014	720ZU	NV2+	0.0	1.61	0	30	P2
		C	TEH	TEC		6B00014	720ZU	NV3+	0.0	1.84	0	33	P2

NUMBER OF TUBES IN REPORT = 2

NSP

DATE: 01/27/93

TIME: 10:40

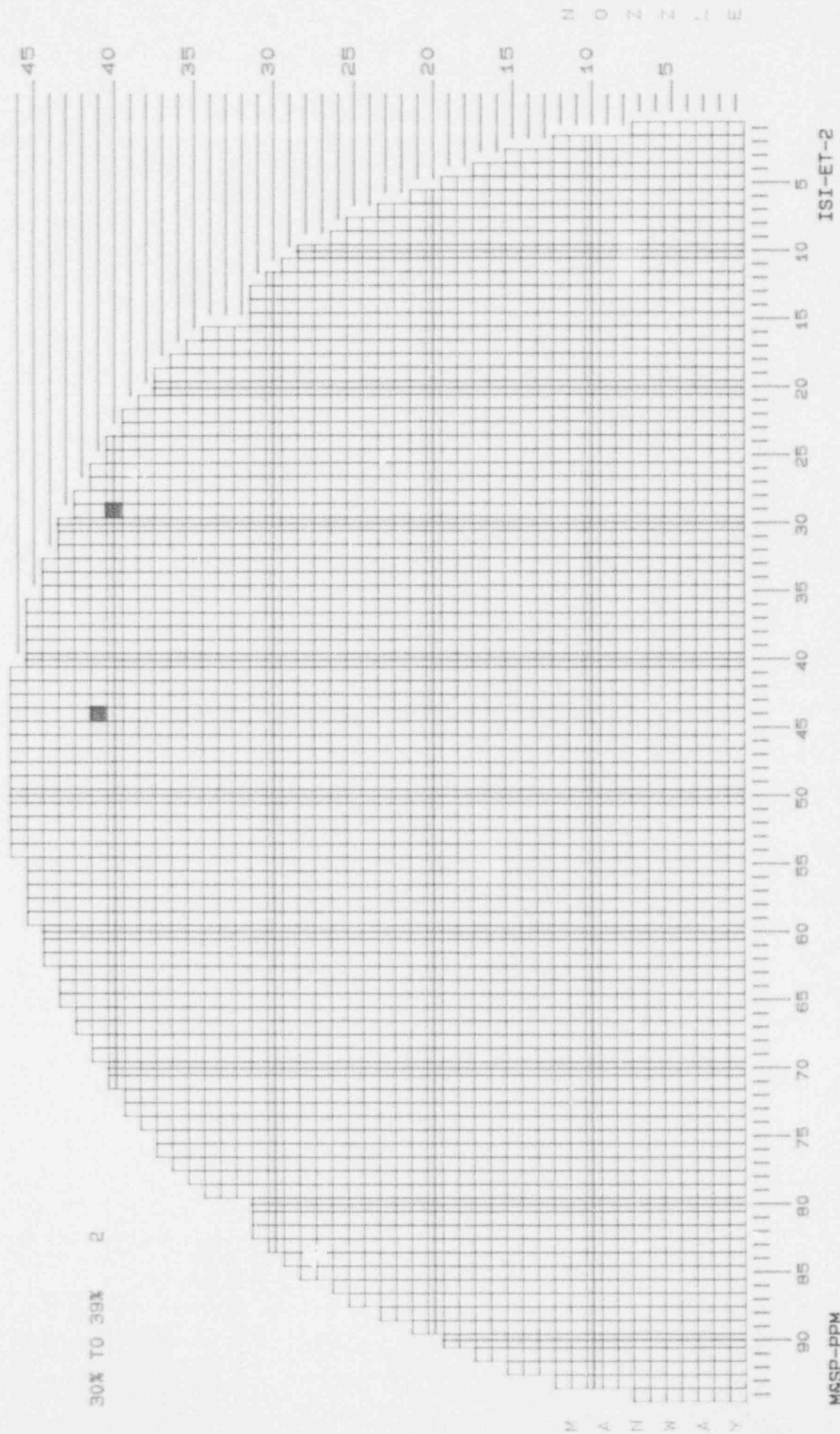
STEAM GENERATOR: 12

GROUPS: All groups included

30% TO 39% for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 1 of 10
Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT			
			BEG	END							VOLTS	DEG	%	CH
13	7	H	TSH	TEH		1A00001	720ZR	TRH+	8.3TO+	11.9	2.09	166	SAI	1
6	9	H	TSH	TEH		1A00003	720ZR	TRH+	6.5TO+	10.3	0.80	117	SAI	P1
8	9	H	TSH	TEH		1A00003	720ZR	TRH+	0.6TO+	12.0	1.01	151	SAI	P1
13	9	H	TSH	TEH		1A00003	720ZR	TRH+	5.3TO+	11.4	0.82	102	SAI	P1
3	10	H	TSH	TEH		1A00003	720ZR	TRH+	1.0TO+	10.7	1.03	98	SAI	P1
6	10	H	TSH	TEH		1A00003	720ZR	TRH+	0.6TO+	10.6	2.38	173	SAI	P1
8	10	H	TSH	TEH		1A00003	720ZR	TRH+	0.4TO+	11.8	2.23	162	MAI	P1
2	11	H	TSH	TEH		1A00003	720ZR	TRH+	1.3TO+	9.5	0.88	131	SAI	P1
3	11	H	TSH	TEH		1A00003	720ZR	TEH+	1.6		1.50	15	MAI	P2
7	11	H	TSH	TEH		1A00003	720ZR	TRH+	1.8TO+	10.2	1.26	151	MAI	P1
3	12	H	TSH	TEH		2A00004	720ZR	TEH+	1.9		2.26	14	SAI	P1
		H	TSH	TEH		2A00004	720ZR	TRH+	6.4TO+	7.2	0.68	126	MAI	P1
10	12	H	TSH	TEH		2A00004	720ZR	TRH+	8.6		2.30	337	SAI	P1
23	12	H	TSH	TEH		2A00004	720ZR	TRH+	6.3		1.07	177	SAI	P1
1	13	H	TSH	TEH		2A00004	720ZR	TRH+	3.7TO+	4.3	2.46	166	SAI	P1
3	13	H	TSH	TEH		2A00004	720ZR	TRH+	4.2TO+	4.6	0.78	157	MAI	P1
		H	TSH	TEH		2A00004	720ZR	TRH+	7.4		0.91	16	SAI	P1
6	13	H	TSH	TEH		2A00004	720ZR	TRH+	2.5		0.34	128	SAI	P1
10	13	H	TSH	TEH		2A00004	720ZR	TRH+	9.8		0.46	118	SAI	P1
12	13	H	TSH	TEH		2A00004	720ZR	TRH+	0.6TO+	11.2	1.65	152	MAI	P1
16	13	H	TSH	TEH		2A00004	720ZR	TRH+	0.5TO+	9.7	0.67	104	SAI	P1
19	13	H	TSH	TEH		2A00004	720ZR	TRH+	1.2TO+	9.8	2.08	127	MAI	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 2 of 10
Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
4	14	H	TSH	TEH		3A00006	720ZR	TRH+ 0.8	0.76	128	SAI	P1
		H	TSH	TEH		3A00006	720ZR	TRH+ 6.2	0.55	149	SAI	P1
		H	TSH	TEH		3A00006	720ZR	TRH+ 10.8	0.53	131	SAI	P1
		H	TSH	TEH		3A00006	720ZR	TRH+ 14.2	0.42	142	SAI	P1
		H	TSH	TEH		3A00006	720ZR	TRH+ 15.7	0.31	87	SAI	P1
6	14	H	TSH	TEH		3A00006	720ZR	TRH+ 4.1	0.49	37	SAI	P1
		H	TSH	TEH		3A00006	720ZR	TRH+ 6.3TO+ 9.3	1.15	137	SAI	P1
7	14	H	TSH	TEH		3A00006	720ZR	TRH+ 0.8TO+ 2.2	0.65	101	SAI	P1
8	14	H	TSH	TEH		3A00006	720ZR	TRH+ 8.5	0.73	155	SAI	P1
15	14	H	TSH	TEH		22A00071	720ZR	TRH+ 6.6TO+ 10.9	1.11	98	SAI	1
19	14	H	TSH	TEH		2A00005	720ZR	TRH+ 0.9TO+ 10.0	0.62	80	SAI	P1
23	14	H	TSH	TEH		2A00004	720ZR	TRH+ 6.5TO+ 9.7	0.80	111	SAI	P1
2	15	H	TSH	TEH		22A00071	720ZR	TRH+ 6.8	0.60	126	SAI	1
3	15	H	TSH	TEH		3A00006	720ZR	TRH+ 1.3	0.60	121	MAI	P1
		H	TSH	TEH		3A00006	720ZR	TRH+ 2.9	0.43	134	SAI	P1
4	15	H	TSH	TEH		3A00006	720ZR	TRH+ 7.7	0.38	119	MAI	P1
7	15	H	TSH	TEH		22A00071	720ZR	TRH+ 6.5TO+ 9.9	0.99	149	SAI	2
10	15	H	TSH	TEH		3A00007	720ZR	TRH+ 0.0TO+ 5.4	0.55	120	SAI	P1
21	15	H	TSH	TEH		3A00007	720ZR	TRH+ 0.7	0.45	149	SAI	P1
		H	TSH	TEH		3A00007	720ZR	TRH+ 2.5TO+ 9.1	0.36	123	MAI	P1
4	16	H	TSH	TEH		3A00007	720ZR	TRH+ 8.1	0.34	116	SAI	P1
8	16	H	TSH	TEH		3A00007	720ZR	TRH+ 6.3TO+ 9.4	0.54	93	SAI	1
16	16	H	TSH	TEH		3A00007	720ZR	TRH+ 0.3TO+ 12.4	2.05	125	MAI	P1
5	17	H	TSH	TEH		3A00007	720ZR	TRH+ 2.7	0.59	55	SAI	1
8	17	H	TSH	TEH		3A00008	720ZR	TRH+ 5.1TO+ 10.4	0.68	28	SAI	2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 3 of 10
Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT			
			BEG	END							VOLTS	DEG	%	CH
16	17	H	TSH	TEH		3A00008	720ZR	TRH+	2.8TO+	7.9	0.45	112	SAI	P1
2	18	H	TSH	TEH		4A00010	720ZR	TRH+	0.7		1.85	6	SAI	P1
		H	TSH	TEH		4A00010	720ZR	TRH+	4.6		0.80	19	SAI	P1
5	18	H	TSH	TEH		3A00009	720ZR	TRH+	0.6TO+	8.4	1.26	42	SAI	P1
13	18	H	TSH	TEH		3A00009	720ZR	TRH+	0.5TO+	8.7	0.50	146	MAI	P1
24	18	H	TSH	TEH		3A00009	720ZR	TRH+	7.2TO+	9.5	0.35	156	SAI	P1
7	19	H	TSH	TEH		4A00010	720ZR	TRH+	0.2TO+	10.8	1.07	16	SAI	P1
8	19	H	TSH	TEH		4A00010	720ZR	TRH+	0.9TO+	8.4	0.53	80	SAI	1
18	19	H	TSH	TEH		4A00010	720ZR	TRH+	1.1TO+	10.4	3.12	1	MAI	P1
5	20	H	TSH	TEH		4A00010	720ZR	TRH+	0.8		0.80	151	SAI	P1
12	20	H	TSH	TEH		4A00010	720ZR	TRH+	1.7		0.66	76	MAI	P1
13	20	H	TSH	TEH		22A00071	720ZR	TRH+	7.0TO+	7.6	0.35	125	SAI	P1
28	22	H	TSH	TEH		4A00012	720ZR	TRH+	14.9		0.58	135	SAI	P1
1	23	H	TSH	TEH		4A00012	720ZR	TRH+	1.2		0.40	133	SAI	P1
		H	TSH	TEH		4A00012	720ZR	TRH+	3.3		0.79	158	SAI	P1
6	24	H	TSH	TEH		5A00014	720ZR	TRH+	0.9		0.81	150	MAI	P2
		H	TSH	TEH		5A00014	720ZR	TRH+	1.8		0.27	47	SAI	P2
1	25	H	TSH	TEH		5A00014	720ZR	TRH+	0.2		2.67	8	SAI	P2
2	25	H	TSH	TEH		5A00014	720ZR	TEH+	2.0		2.69	25	MAI	P1
3	25	H	TSH	TEH		5A00014	720ZR	TRH+	0.5TO+	3.7	0.79	116	MAI	P2
5	25	H	TSH	TEH		5A00014	720ZR	TRH+	3.4TO+	8.0	0.85	126	SAI	P1
27	25	H	TSH	TEH		5A00014	720ZR	TRH+	2.7TO+	4.0	0.65	81	SAI	P1
1	26	H	TSH	TEH		5A00014	720ZR	TRH+	1.6		0.90	53	SAI	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 4 of 10
Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
4	26	H	TSH	TEH		5A00015	720ZR	TEH+ 2.1	7.75	23	SAI	1
17	26	H	TSH	TEH		5A00015	720ZR	TEH+ 2.0	2.34	27	SAI	P1
7	27	H	TSH	TEH		6A00016	720ZR	TRH+ 0.5TO+ 1.8	1.62	104	MAI	1
14	27	H	TSH	TEH		5A00015	720ZR	TRH+ 1.2	0.72	138	SAI	P1
18	27	H	TSH	TEH		5A00015	720ZR	TEH+ 2.2	2.40	54	SAI	P1
6	29	H	TSH	TEH		6A00017	720ZR	TEH+ 1.0	2.69	21	MAI	2
8	29	H	TSH	TEH		6A00017	720ZR	TRH+ 2.6	1.16	158	SAI	P1
13	29	H	TSH	TEH		6A00017	720ZR	TRH+ 2.4	0.62	150	SAI	P2
16	29	H	TSH	TEH		6A00017	720ZR	TRH+ 2.2	0.51	52	SAI	P1
1	30	H	TSH	TEH		6A00017	720ZR	TRH+ 0.6	0.97	14	MAI	P1
2	30	H	TSH	TEH		6A00017	720ZR	TEH+ 1.0	4.35	21	SAI	P1
4	30	H	TSH	TEH		6A00017	720ZR	TEH+ 1.0	1.56	32	SAI	P1
13	30	H	TSH	TEH		6A00017	720ZR	TEH+ 0.9	15.70	13	MAI	P1
40	30	H	TSH	TEH		6A00018	720ZR	TRH+ 0.4TO+ 8.7	1.51	156	MAI	P1
2	31	H	TSH	TEH		7A00019	720ZR	TEH+ 1.0	1.21	20	MAI	P1
6	31	H	TSH	TEH		7A00019	720ZR	TRH+ 0.8TO+ 4.4	0.82	55	MAI	P1
8	31	H	TSH	TEH		7A00019	720ZR	TRH+ 1.4TO+ 3.6	0.83	8	SAI	P1
10	31	H	TSH	TEH		7A00019	720ZR	TEH+ 0.9	5.63	20	SAI	P2
		H	TSH	TEH		7A00019	720ZR	TRH+ 4.0	0.69	152	SAI	P1
14	31	H	TSH	TEH		6A00018	720ZR	TEH+ 0.8	1.93	30	SAI	P1
		H	TSH	TEH		6A00018	720ZR	TRH+ 4.0	1.48	161	SAI	P1
15	31	C	TEH	TEC	P	4B00008	720ZU	TSH+ 0.1	0.84	78	74	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

Page: 5 of 10
Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT			
			BEG	END							VOLTS	DEG	%	CH
16	31	H	TSH	TEH		6A00018	720ZR	TRH+	4.4TO+	7.9	1.31	109	SAI	P1
3	33	H	TSH	TEH		7A00020	720ZR	TRH+	2.5		0.56	124	SAI	P1
23	33	H	TSH	TEH		7A00019	720ZR	TRH+	2.3		0.57	160	SAI	P1
5	34	H	TSH	TEH		7A00020	720ZR	TRH+	1.3		0.82	163	SAI	P2
13	34	H	TRH	TEH	S	23A00075	720ZR	TRH+	0.3		1.75	50	MAI	P4
		H	TSH	TEH		7A00020	720ZR	TRH+	0.4TO+	8.4	0.53	132	MAI	P2
14	34	H	TSH	TEH		7A00020	720ZR	TRH+	1.2		0.32	132	SAI	P1
16	34	H	TSH	TEH		7A00020	720ZR	TRH+	6.0		0.82	169	SAI	P2
7	35	H	TSH	TEH		7A00021	720ZR	TRH+	1.9		1.67	155	SAI	P2
11	35	H	TSH	TEH		7A00021	720ZR	TRH+	3.2		0.48	30	SAI	P2
14	35	H	TSH	TEH		7A00021	720ZR	TRH+	6.5		0.86	167	SAI	P2
21	35	H	TSH	TEH		7A00021	720ZR	TRH+	4.4		0.46	160	SAI	P2
3	36	H	TSH	TEH		8A00022	720ZR	TRH+	0.2TO+	1.6	0.40	103	SAI	P1
7	36	H	TSH	TEH		8A00022	720ZR	TRH+	1.4		0.19	62	SAI	P1
8	36	H	TSH	TEH		8A00022	720ZR	TRH+	2.4		0.56	71	SAI	P2
		H	TSH	TEH		8A00022	720ZR	TRH+	9.0		0.71	39	SAI	P2
9	36	H	TSH	TEH		8A00022	720ZR	TRH+	1.1TO+	3.4	0.31	45	SAI	P1
		H	TSH	TEH		8A00022	720ZR	TRH+	4.1		0.19	114	SAI	P1
11	36	H	TSH	TEH		8A00022	720ZR	TRH+	1.3TO+	7.8	1.67	135	MAI	P2
12	36	H	TSH	TEH		8A00023	720ZR	TEH+	2.6		2.36	28	SAI	P1
		H	TSH	TEH		8A00023	720ZR	TRH+	7.8		0.40	116	SAI	P2
9	37	H	TSH	TEH		8A00026	720ZR	TRH+	0.5TO+	8.2	2.45	78	MAI	P1
21	37	H	TSH	TEH		8A00026	720ZR	TRH+	1.3TO+	4.5	0.37	96	SAI	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release..: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

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Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
36	37	H	TSH	TEH		8A00026	720ZR	TEH+ 1.6	0.82	117	SAI	P1
6	38	H	TSH	TEH		9A00028	720ZR	TRH+ 3.4	0.53	110	SAI	P1
10	39	H	TSH	TEH		9A00028	720ZR	TRH+ 0.5TO+ 6.2	0.86	151	MAI	P1
4	40	H	TSH	TEH		9A00028	720ZR	TRH+ 5.8	0.50	155	SAI	P1
7	40	H	TSH	TEH		9A00032	720ZR	TRH+ 0.9TO+ 5.3	1.04	25	SAI	P1
9	40	H	TSH	TEH		9A00032	720ZR	TRH+ 1.3TO+ 7.3	0.93	93	SAI	P1
10	40	H	TSH	TEH		9A00032	720ZR	TRH+ 3.3	0.30	97	SAI	P1
		H	TSH	TEH		9A00032	720ZR	TRH+ 4.0	0.34	121	SAI	P1
11	40	H	TSH	TEH		9A00032	720ZR	TRH+ 3.8TO+ 7.0	0.84	141	SAI	P4
3	41	H	TSH	TEH		9A00029	720ZR	TRH+ 2.8	0.62	150	MAI	P2
4	41	H	TSH	TEH		9A00029	720ZR	TEH+ 0.8	3.08	23	SAI	P1
8	41	H	TSH	TEH		9A00029	720ZR	TRH+ 0.8	0.38	162	MAI	P2
9	41	H	TSH	TEH		9A00029	720ZR	TRH+ 0.5TO+ 7.1	0.39	127	MAI	P2
10	41	H	TSH	TEH		9A00029	720ZR	TRH+ 0.8	0.51	132	SAI	P2
9	42	H	TSH	TEH		9A00029	720ZR	TRH+ 5.2	0.37	146	MAI	P2
21	42	H	TSH	TEH		9A00031	720ZR	TRH+ 8.5	0.46	76	SAI	P1
2	43	H	TSH	TEH		10A00034	720ZR	TRH+ 1.7	0.42	82	SAI	P1
4	43	H	TSH	TEH		10A00033	720ZR	TEH+ 1.3	1.62	30	MAI	P1
10	43	H	TSH	TEH		10A00033	720ZR	TRH+ 0.6TO+ 9.8	0.31	101	MAI	P1
16	43	H	TSH	TEH		10A00033	720ZR	TEH+ 1.0	2.94	18	MAI	P1
20	43	H	TSH	TEH		10A00033	720ZR	TRH+ 6.2	0.93	17	SAI	P1
1	44	H	TSH	TEH		10A00034	720ZR	TRH+ 9.2	0.48	98	SAI	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT			
			BEG	END							VOLTS	DEG	%	CH
13	44	H	TSH	TEH		10A00034	720ZR	TRH+	1.7TO+	5.0	0.67	83	SAI	P4
14	44	H	TSH	TEH	S	23A00075	720ZR	TRH+	4.2		0.87	123	SAI	P1
		H	TSH	TEH		10A00034	720ZR	TRH+	4.3		0.84	100	SAI	1
2	45	H	TSH	TEH		11A00036	720ZR	TRH+	1.0TO+	8.6	0.42	79	MAI	P1
8	45	H	TSH	TEH		10A00035	720ZR	TRH+	3.7		0.62	121	SAI	P1
9	46	H	TSH	TEH		11A00036	720ZR	TRH+	3.7		0.27	120	SAI	P1
		H	TSH	TEH		11A00036	720ZR	TRH+	5.3		0.30	133	SAI	P1
18	46	H	TSH	TEH		11A00036	720ZR	TRH+	0.1		2.22	11	MAI	P1
4	47	H	TSH	TEH		11A00037	720ZR	TRH+	1.2		0.33	129	SAI	P2
		H	TSH	TEH		11A00037	720ZR	TRH+	6.4		0.74	112	SAI	P2
10	47	H	TSH	TEH		11A00037	720ZR	TRH+	4.2		0.28	70	SAI	P2
13	47	H	TSH	TEH		11A00037	720ZR	TRH+	1.9		0.52	139	SAI	P2
1	48	H	TSH	TEH		12A00039	720ZR	TRH+	1.1TO+	2.9	0.99	89	MAI	P1
		H	TSH	TEH		11A00038	720ZR	TRH+	2.5		0.94	150	MAI	P2
5	48	H	TSH	TEH		22A00071	720ZR	TRH+	3.1		0.63	102	SAI	P4
19	48	H	TSH	TEH		11A00038	720ZR	TRH+	4.0		0.81	167	SAI	P2
9	49	H	TSH	TEH		12A00039	720ZR	TRH+	2.9		0.47	132	SAI	P1
11	49	H	TSH	TEH		12A00039	720ZR	TRH+	3.3		0.57	141	SAI	P1
14	49	H	TSH	TEH		12A00039	720ZR	TRH+	4.3		0.62	131	SAI	P1
1	50	H	TSH	TEH		22A00071	720ZR	TRH+	3.2		1.03	124	SAI	1
14	50	H	TSH	TEH		12A00039	720ZR	TEH+	1.1		4.63	26	SAI	P1
39	50	H	TSH	TEH		12A00040	720ZR	TRH+	12.1		0.50	106	SAI	P1
21	51	H	TSH	TEH		12A00040	720ZR	TRH+	4.9		0.18	94	MAI	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
10	52	H	TSH	TEH		12A00041	720ZR	TRH+ 3.2	0.53	73	SAI	P4
		H	TSH	TEH		12A00041	720ZR	TRH+ 4.9	0.49	123	SAI	P4
13	52	H	TSH	TEH		12A00041	720ZR	TEH+ 2.3	3.35	25	SAI	P4
		H	TSH	TEH		12A00041	720ZR	TRH+ 15.6	0.52	111	SAI	P4
18	52	H	TSH	TEH		12A00041	720ZR	TRH+ 2.3	0.27	119	SAI	P2
13	53	H	TSH	TEH		13A00042	720ZR	TRH+ 6.4TO+ 11.2	0.39	107	SAI	P1
15	53	H	TSH	TEH		13A00042	720ZR	TRH+ 1.2TO+ 2.9	0.42	85	SAI	P1
6	54	H	TSH	TEH		13A00042	720ZR	TRH+ 2.2	0.38	117	SAI	P1
		H	TSH	TEH		13A00042	720ZR	TRH+ 4.3	0.67	153	SAI	P2
		H	TSH	TEH		13A00042	720ZR	TRH+ 5.6	0.43	105	SAI	P2
11	55	H	TSH	TEH		13A00043	720ZR	TRH+ 8.3TO+ 10.4	0.42	88	SAI	P1
2	56	H	TSH	TEH		13A00044	720ZR	TRH+ 4.8TO+ 6.5	0.37	64	MAI	P1
7	56	H	TSH	TEH		13A00044	720ZR	TRH+ 8.8	0.30	73	SAI	P4
11	56	H	TSH	TEH		13A00044	720ZR	TRH+ 4.6	0.49	110	SAI	P4
9	57	H	TSH	TEH		14A00046	720ZR	TRH+ 2.9TO+ 5.3	0.37	113	SAI	P4
3	58	H	TSH	TEH		14A00046	720ZR	TRH+ 0.6TO+ 3.1	0.34	90	SAI	P1
7	58	H	TSH	TEH		14A00046	720ZR	TEH+ 1.4	1.52	33	SAI	P1
5	59	H	TSH	TEH		14A00047	720ZR	TRH+ 0.8TO+ 4.3	1.25	46	SAI	P1
6	59	H	TSH	TEH		14A00047	720ZR	TRH+ 6.7	0.25	126	SAI	1
8	59	H	TSH	TEH		14A00047	720ZR	TRH+ 3.0	0.81	113	SAI	P1
8	60	H	TSH	TEH		15A00048	720ZR	TRH+ 1.7	0.53	46	SAI	P1
18	61	H	TSH	TEH		15A00049	720ZR	TRH+ 5.0	0.44	120	SAI	1
		H	TSH	TEH		15A00049	720ZR	TRH+ 5.8	0.39	121	SAI	1
2	62	H	TSH	TEH		15A00049	720ZR	TRH+ 1.0TO+ 2.7	1.05	71	SAI	P4

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT			
			BEG	END							VOLTS	DEG	%	CH
8	62	H	TSH	TEH		15A00049	720ZR	TRH+	8.0TO+	9.8	0.77	104	SAI	P4
16	62	H	TSH	TEH		15A00049	720ZR	TRH+	2.7		0.44	77	SAI	P1
1	63	H	TSH	TEH		15A00050	720ZR	TRH+	1.3		1.47	154	SAI	1
7	63	H	TSH	TEH		15A00050	720ZR	TRH+	6.0		0.51	112	SAI	P4
		H	TSH	TEH		15A00050	720ZR	TRH+	17.2		0.55	125	SAI	P4
9	63	H	TSH	TEH		15A00050	720ZR	TEH+	2.4		9.12	11	MAI	1
17	63	H	TSH	TEH		15A00050	720ZR	TRH+	4.5		0.57	111	SAI	P4
16	64	H	TSH	TEH		16A00051	720ZR	TRH+	9.7		0.44	38	SAI	P1
12	65	H	TSH	TEH		16A00051	720ZR	TRH+	8.9		0.41	78	SAI	P4
18	65	H	TSH	TEH		16A00051	720ZR	TEH+	2.4		18.28	11	MAI	P1
10	66	H	TSH	TEH		16A00052	720ZR	TRH+	6.1TO+	9.4	0.36	115	SAI	P1
14	66	H	TSH	TEH		16A00052	720ZR	TEH+	2.3		7.24	26	MAI	P1
		H	TSH	TEH		16A00052	720ZR	TRH+	10.2TO+	11.2	0.72	137	SAI	P1
3	67	H	TSH	TEH		17A00054	720ZR	TRH+	2.5		0.38	76	SAI	P1
7	67	H	TSH	TEH		17A00054	720ZR	TEH+	2.1		0.49	28	SAI	P1
8	67	H	TSH	TEH		17A00054	720ZR	TRH+	3.6		0.34	129	SAI	P1
11	70	H	TSH	TEH		17A00057	720ZR	TRH+	1.9		0.58	119	SAI	P4
12	70	H	TSH	TEH		17A00057	720ZR	TRH+	0.9TO+	3.1	0.87	116	SAI	P4
5	71	H	TSH	TEH		18A00058	720ZR	TRH+	1.5		0.50	130	SAI	P4
8	71	H	TSH	TEH		18A00058	720ZR	TRH+	3.8		0.3		SAI	1
		H	TSH	TEH		18A00058	720ZR	TRH+	5.6		0.47		SAI	1
7	74	H	TSH	TEH		18A00059	720ZR	TRH+	1.2		0.64	132	SAI	1
		H	TSH	TEH		18A00059	720ZR	TRH+	4.2		0.55	114	SAI	P1

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
40% TO 100% for the entire length
CIR,MAI,SAI for the entire length

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Date: 01/27/93
Time: 11:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
10	75	H	TSH	TEH		19A00060	720ZR	TRH+ 2.9	0.19	86	SAI	P1
		H	TSH	TEH		19A00060	720ZR	TRH+ 5.7	0.33	132	SAI	P1
15	81	H	TSH	TEH		20A00064	720ZR	TRH+ 2.5TO+ 5.5	1.04	45	SAI	1
8	83	H	TSH	TEH		20A00065	720ZR	TRH+ 7.4	1.18	113	SAI	P4
29	83	C	TEH	TEC		11B00027	720ZU	01C+ 0.1	2.62	107	46	P1

NUMBER OF TUBES IN REPORT = 179

NSP

DATE: 01/27/93

TIME: 11:12

STEAM GENERATOR: 12

GROUPS: All groups included

40% TO 100% for the entire length

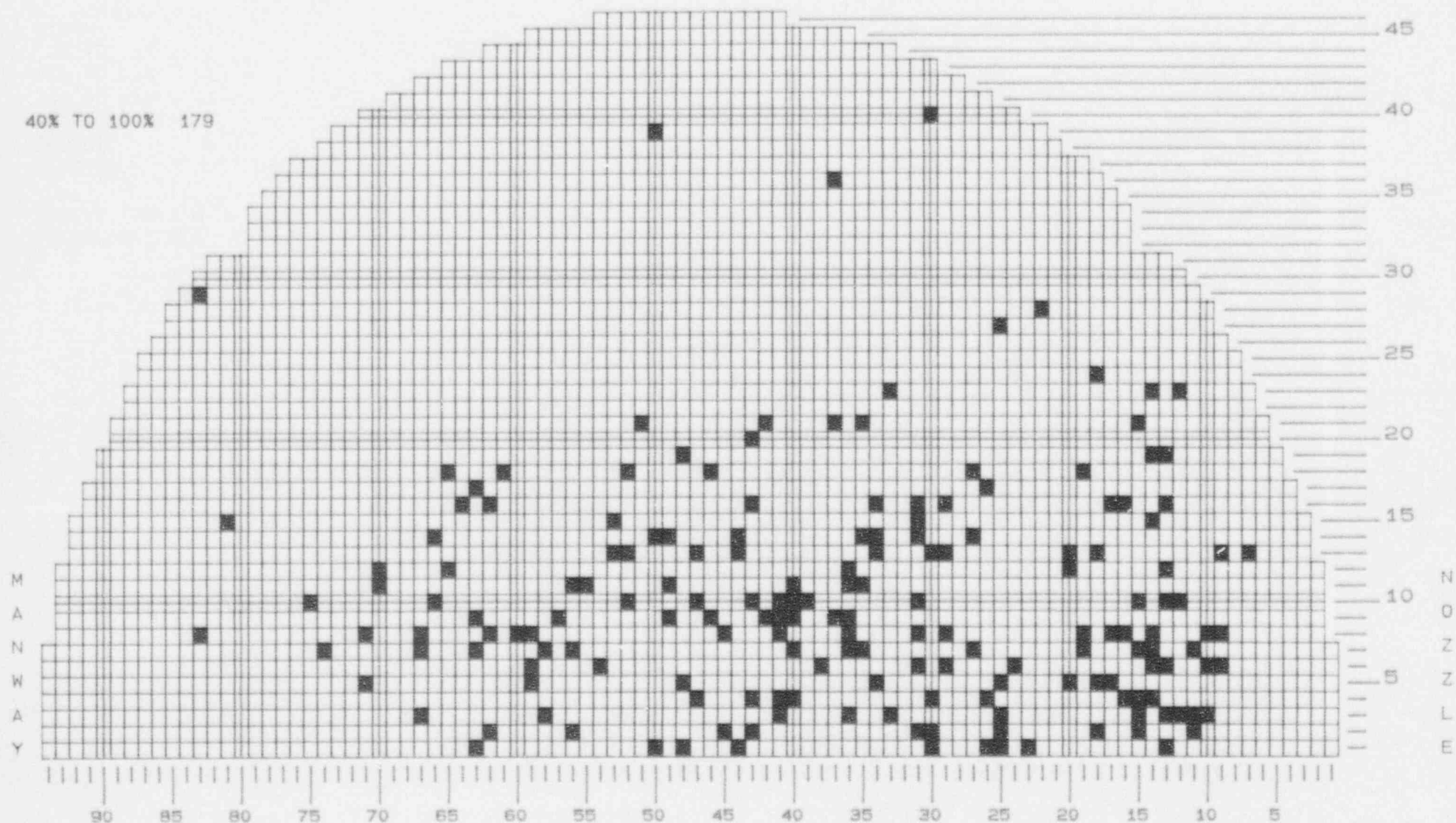
CIR, MAI, SAI for the entire length

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



40% TO 100% 179



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12

Leg.....: Hot and Cold legs

Release...: 2.2

See title page for report selection criteria.

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Date: 01/27/93

Time: 15:47

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
13	7	H C						11/92 11/92			PLG PLG	
13	9	H C						11/92 11/92			PLG PLG	
23	12	H C						11/92 11/92			PLG PLG	
1	13	H C						11/92 11/92			PLG PLG	
23	14	H C						11/92 11/92			PLG PLG	
21	15	H C						11/92 11/92			PLG PLG	
24	18	H C						11/92 11/92			PLG PLG	
28	22	H C						11/92 11/92			PLG PLG	
1	23	H C						11/92 11/92			PLG PLG	
1	25	H C						11/92 11/92			PLG PLG	
27	25	H C						11/92 11/92			PLG PLG	
1	26	H C						11/92 11/92			PLG PLG	
1	30	H C						11/92 11/92			PLG PLG	
40	30	H C						11/92 11/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 15:47

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
19	32	H						11/92			PLG	
18	38	H						11/92			PLG	
		C						11/92			PLG	
1	44	H						11/92			PLG	
		C						11/92			PLG	
1	48	H						11/92			PLG	
		C						11/92			PLG	
1	50	H						11/92			PLG	
		C						11/92			PLG	
39	50	H						11/92			PLG	
		C						11/92			PLG	
1	63	H						11/92			PLG	
		C						11/92			PLG	
29	83	H						11/92			PLG	
		C						11/92			PLG	

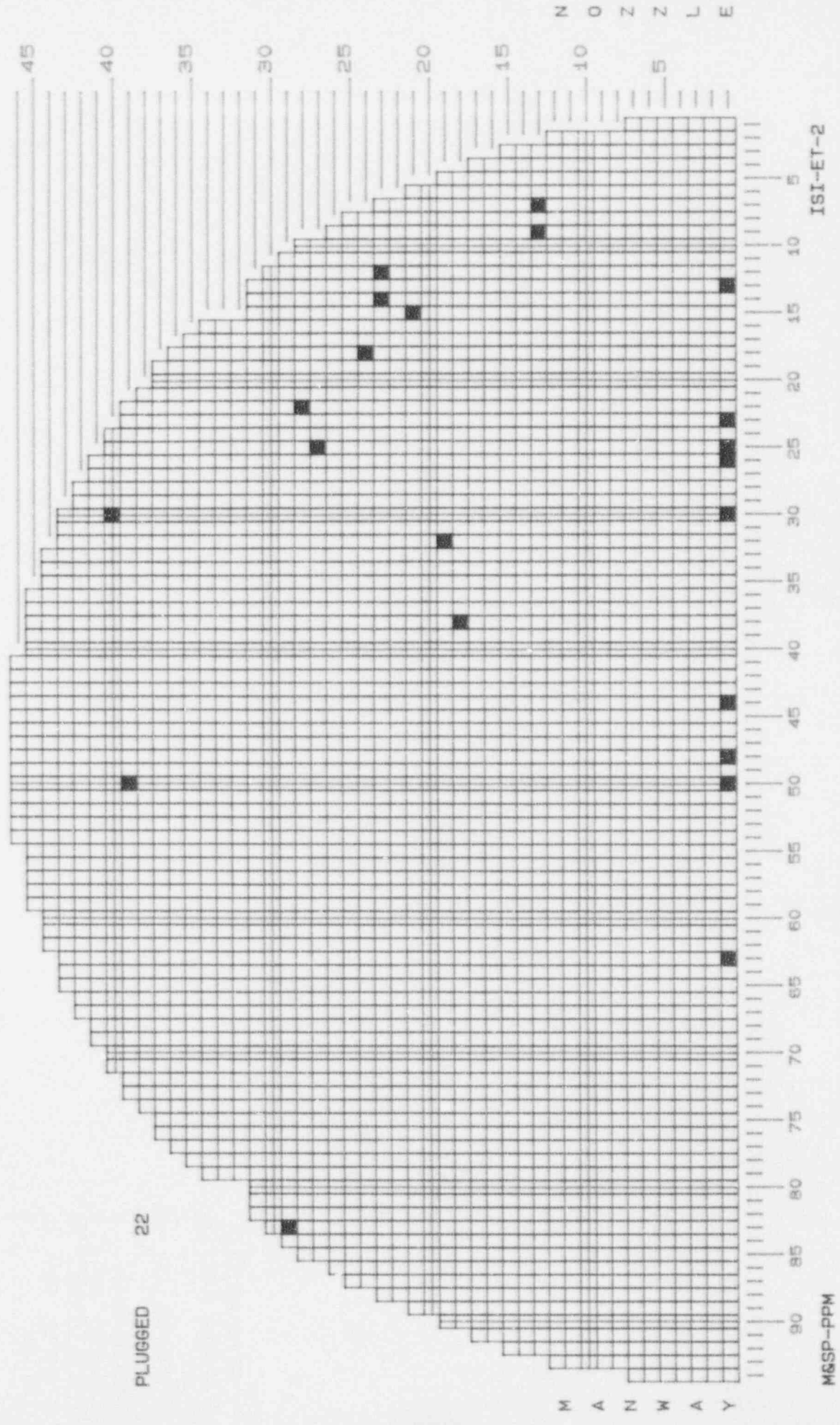
NUMBER OF TUBES IN REPORT = 22

NSP

DATE: 01/27/93
 TIME: 15:51
 STEAM GENERATOR: 12
 GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
2	6	H C						01/90 01/90			PLG PLG	
13	7	H C						11/92 11/92			PLG PLG	
13	9	H C						11/92 11/92			PLG PLG	
5	12	H C						09/92 09/92			PLG PLG	
15	12	H C						09/92 09/92			PLG PLG	
23	12	H C						11/92 11/92			PLG PLG	
1	13	H C						11/92 11/92			PLG PLG	
11	13	H C						09/92 09/92			PLG PLG	
11	14	H C						06/91 06/91			PLG PLG	
23	14	H C						11/92 11/92			PLG PLG	
5	15	H C						06/91 06/91			PLG PLG	
21	15	H C						11/92 11/92			PLG PLG	
3	16	H C						06/91 06/91			PLG PLG	
6	18	H C						01/85 01/85			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
24	18	H C						11/92 11/92			PLG PLG	
1	19	H C						01/90 01/90			PLG PLG	
4	19	H C						01/85 01/85			PLG PLG	
2	21	H C						07/80 07/80			PLG PLG	
17	22	H C						06/91 06/91			PLG PLG	
28	22	H C						11/92 11/92			PLG PLG	
1	23	H C						11/92 11/92			PLG PLG	
3	23	H C						06/91 06/91			PLG PLG	
1	25	H C						11/92 11/92			PLG PLG	
27	25	H C						11/92 11/92			PLG PLG	
1	26	H C						11/92 11/92			PLG PLG	
1	27	H C						06/91 06/91			PLG PLG	
1	28	H C						01/90 01/90			PLG PLG	
4	28	H C						09/92 09/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
13	28	H C						09/92 09/92			PLG PLG	
17	28	H C						09/92 09/92			PLG PLG	
1	29	H C						12/83 12/83			PLG PLG	
4	29	H C						06/91 06/91			PLG PLG	
1	30	H C						11/92 11/92			PLG PLG	
14	30	H C						09/92 09/92			PLG PLG	
15	30	H C						09/92 09/92			PLG PLG	
16	30	H C						09/92 09/92			PLG PLG	
40	30	H C						11/92 11/92			PLG PLG	
1	31	H C						01/90 01/90			PLG PLG	
1	32	H C						01/90 01/90			PLG PLG	
19	32	C H						08/88 11/92			PLG PLG	
1	33	H C						01/90 01/90			PLG PLG	
16	33	H C						01/85 01/85			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 15:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
20	33	H C						09/92 09/92			PLG PLG	
1	34	H C						12/83 12/83			PLG PLG	
3	34	H C						06/91 06/91			PLG PLG	
30	34	H C						01/85 01/85			PLG PLG	
1	35	H C						01/90 01/90			PLG PLG	
2	35	H C						06/91 06/91			PLG PLG	
32	35	H C						09/81 09/81			PLG PLG	
1	36	H C						12/83 12/83			PLG PLG	
5	36	H C						09/92 09/92			PLG PLG	
1	37	H C						01/90 01/90			PLG PLG	
6	37	H C						09/92 09/92			PLG PLG	
16	37	H C						06/91 06/91			PLG PLG	
1	38	H C						01/90 01/90			PLG PLG	
3	38	H C						01/90 01/90			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 15:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
12	38	H C						06/91 06/91			PLG PLG	
18	38	H C						11/92 11/92			PLG PLG	
1	39	H C						01/85 01/85			PLG PLG	
7	39	H C						09/92 09/92			PLG PLG	
15	40	H C						09/92 09/92			PLG PLG	
43	40	H C						01/90 01/90			PLG PLG	
1	41	H C						01/90 01/90			PLG PLG	
1	42	H C						01/90 01/90			PLG PLG	
17	42	H C						10/84 10/84			PLG PLG	
20	42	H C						06/91 06/91			PLG PLG	
42	42	H C						09/92 09/92			PLG PLG	
1	43	H C						01/90 01/90			PLG PLG	
12	43	H C						09/92 09/92			PLG PLG	
13	43	H C						09/92 09/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12

Leg.....: Hot and Cold legs

Release...: 2.2

See title page for report selection criteria.

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Time: 15:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
17	43	H C						09/92 09/92			PLG PLG	
1	44	H C						11/92 11/92			PLG PLG	
1	45	H C						01/90 01/90			PLG PLG	
14	45	H C						09/92 09/92			PLG PLG	
18	45	H C						10/84 10/84			PLG PLG	
1	47	H C						01/90 01/90			PLG PLG	
18	47	H C						09/92 09/92			PLG PLG	
1	48	H C						11/92 11/92			PLG PLG	
1	49	H C						6/91 06/91			PLG PLG	
2	49	H C						09/92 09/92			PLG PLG	
1	50	H C						11/92 11/92			PLG PLG	
3	50	H C						09/92 09/92			PLG PLG	
5	50	H C						09/92 09/92			PLG PLG	
39	50	H C						11/92 11/92			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Time: 15:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
8	51	H C						09/92 09/92			PLG PLG	
4	52	H C						06/91 06/91			PLG PLG	
2	53	H C						09/92 09/92			PLG PLG	
1	56	H C						01/90 01/90			PLG PLG	
1	57	H C						01/90 01/90			PLG PLG	
5	57	H C						01/90 01/90			PLG PLG	
1	58	H C						01/90 01/90			PLG PLG	
4	58	H C						06/91 06/91			PLG PLG	
1	59	H C						01/90 01/90			PLG PLG	
13	60	H C						01/90 01/90			PLG PLG	
1	61	H C						01/90 01/90			PLG PLG	
15	61	H C						09/92 09/92			PLG PLG	
1	62	H C						12/83 12/83			PLG PLG	
36	62	H C						12/83 12/83			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

Page: 8 of 9
Date: 01/27/93
Time: 15:59

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
43	62	H C						01/90 01/90			PLG PLG	
1	63	H C						11/92 11/92			PLG PLG	
38	66	H C						01/90 01/90			PLG PLG	
38	68	H C						01/90 01/90			PLG PLG	
39	68	H C						01/90 01/90			PLG PLG	
2	73	H C						09/92 09/92			PLG PLG	
36	74	H C						01/90 01/90			PLG PLG	
37	75	H C						10/84 10/84			PLG PLG	
36	76	H C						01/90 01/90			PLG PLG	
25	77	H C						01/90 01/90			PLG PLG	
34	77	H C						01/90 01/90			PLG PLG	
34	78	H C						10/84 10/84			PLG PLG	
31	80	H C						01/90 01/90			PLG PLG	
29	82	H C						01/90 01/90			PLG PLG	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
29	83	H C						11/92 11/92			PLG PLG	
28	84	H C						01/90 01/90			PLG PLG	
24	85	H C						01/90 01/90			PLG PLG	
27	85	H C						01/85 01/85			PLG PLG	
24	86	H C						01/90 01/90			PLG PLG	
25	86	H C						01/85 01/85			PLG PLG	
13	91	H C						06/91 06/91			PLG PLG	
6	93	H C						10/84 10/84			PLG PLG	

NUMBER OF TUBES IN REPORT = 120

NSP

DATE: 01/27/93

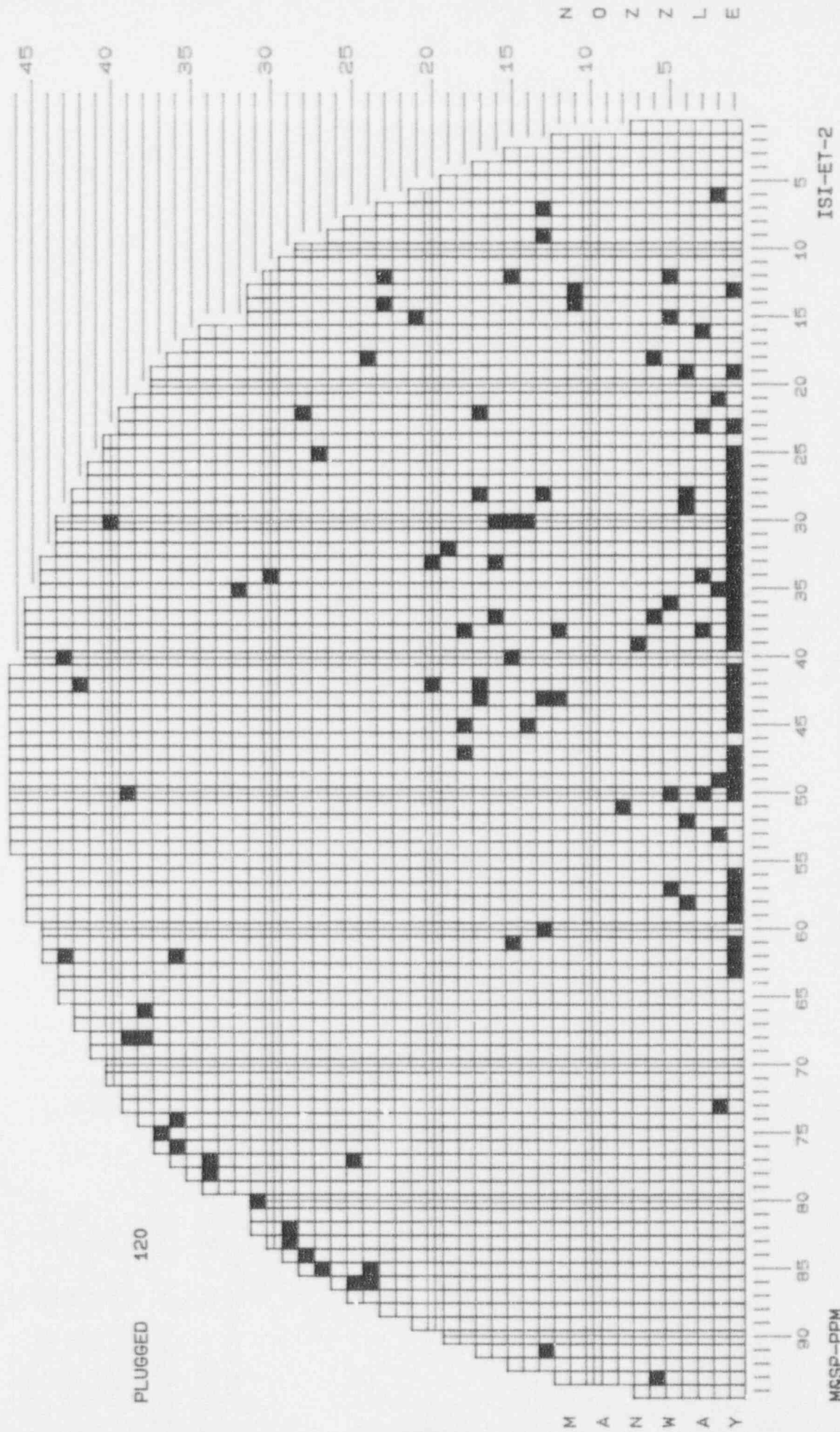
TIME: 16: 06

STEAM GENERATOR: 12

GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 16:08

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
6	9	H						11/92			SLV	
8	9	H						11/92			SLV	
3	10	H						11/92			SLV	
6	10	H						11/92			SLV	
8	10	H						11/92			SLV	
2	11	H						11/92			SLV	
3	11	H						11/92			SLV	
7	11	H						11/92			SLV	
3	12	H						11/92			SLV	
10	12	H						11/92			SLV	
3	13	H						11/92			SLV	
6	13	H						11/92			SLV	
10	13	H						11/92			SLV	
12	13	H						11/92			SLV	
16	13	H						11/92			SLV	
19	13	H						11/92			SLV	
4	14	H						11/92			SLV	
6	14	H						11/92			SLV	
7	14	H						11/92			SLV	
8	14	H						11/92			SLV	
15	14	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
19	14	H						11/92			SLV	
2	15	H						11/92			SLV	
3	15	H						11/92			SLV	
4	15	H						11/92			SLV	
7	15	H						11/92			SLV	
10	15	H						11/92			SLV	
4	16	H						11/92			SLV	
8	16	H						11/92			SLV	
16	16	H						11/92			SLV	
5	17	H						11/92			SLV	
8	17	H						11/92			SLV	
16	17	H						11/92			SLV	
2	18	H						11/92			SLV	
5	18	H						11/92			SLV	
13	18	H						11/92			SLV	
7	19	H						11/92			SLV	
8	19	H						11/92			SLV	
18	19	H						11/92			SLV	
5	20	H						11/92			SLV	
12	20	H						11/92			SLV	
13	20	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
6	24	H						11/92			SLV	
2	25	H						11/92			SLV	
3	25	H						11/92			SLV	
5	25	H						11/92			SLV	
4	26	H						11/92			SLV	
17	26	H						11/92			SLV	
7	27	H						11/92			SLV	
14	27	H						11/92			SLV	
18	27	H						11/92			SLV	
6	29	H						11/92			SLV	
8	29	H						11/92			SLV	
13	29	H						11/92			SLV	
16	29	H						11/92			SLV	
2	30	H						11/92			SLV	
4	30	H						11/92			SLV	
13	30	H						11/92			SLV	
2	31	H						11/92			SLV	
6	31	H						11/92			SLV	
8	31	H						11/92			SLV	
10	31	H						11/92			SLV	
14	31	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Time: 16:08

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
16	31	H						11/92			SLV	
3	33	H						11/92			SLV	
23	33	H						11/92			SLV	
5	34	H						11/92			SLV	
13	34	H						11/92			SLV	
14	34	H						11/92			SLV	
16	34	H						11/92			SLV	
7	35	H						11/92			SLV	
11	35	H						11/92			SLV	
14	35	H						11/92			SLV	
21	35	H						11/92			SLV	
3	36	H						11/92			SLV	
7	36	H						11/92			SLV	
8	36	H						11/92			SLV	
9	36	H						11/92			SLV	
11	36	H						11/92			SLV	
12	36	H						11/92			SLV	
9	37	H						11/92			SLV	
21	37	H						11/92			SLV	
36	37	H						11/92			SLV	
6	38	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 16:08

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
10	39	H						11/92			SLV	
4	40	H						11/92			SLV	
7	40	H						11/92			SLV	
9	40	H						11/92			SLV	
10	40	H						11/92			SLV	
11	40	H						11/92			SLV	
3	41	H						11/92			SLV	
4	41	H						11/92			SLV	
8	41	H						11/92			SLV	
9	41	H						11/92			SLV	
10	41	H						11/92			SLV	
9	42	H						11/92			SLV	
21	42	H						11/92			SLV	
2	43	H						11/92			SLV	
4	43	H						11/92			SLV	
10	43	H						11/92			SLV	
16	43	H						11/92			SLV	
20	43	H						11/92			SLV	
13	44	H						11/92			SLV	
14	44	H						11/92			SLV	
2	45	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
8	45	H						11/92			SLV	
9	46	H						11/92			SLV	
18	46	H						11/92			SLV	
4	47	H						11/92			SLV	
10	47	H						11/92			SLV	
13	47	H						11/92			SLV	
5	48	H						11/92			SLV	
19	48	H						11/92			SLV	
9	49	H						11/92			SLV	
11	49	H						11/92			SLV	
14	49	H						11/92			SLV	
14	50	H						11/92			SLV	
21	51	H						11/92			SLV	
10	52	H						11/92			SLV	
13	52	H						11/92			SLV	
18	52	H						11/92			SLV	
13	53	H						11/92			SLV	
15	53	H						11/92			SLV	
6	54	H						11/92			SLV	
11	55	H						11/92			SLV	
2	56	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
7	56	H						11/92			SLV	
11	56	H						11/92			SLV	
9	57	H						11/92			SLV	
3	58	H						11/92			SLV	
7	58	H						11/92			SLV	
5	59	H						11/92			SLV	
6	59	H						11/92			SLV	
8	59	H						11/92			SLV	
8	60	H						11/92			SLV	
18	61	H						11/92			SLV	
2	62	H						11/92			SLV	
8	62	H						11/92			SLV	
16	62	H						11/92			SLV	
7	63	H						11/92			SLV	
9	63	H						11/92			SLV	
17	63	H						11/92			SLV	
16	64	H						11/92			SLV	
12	65	H						11/92			SLV	
18	65	H						11/92			SLV	
10	66	H						11/92			SLV	
14	66	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Time: 16:08

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
3	67	H						11/92			SLV	
7	67	H						11/92			SLV	
8	67	H						11/92			SLV	
11	70	H						11/92			SLV	
12	70	H						11/92			SLV	
5	71	H						11/92			SLV	
8	71	H						11/92			SLV	
7	74	H						11/92			SLV	
10	75	H						11/92			SLV	
15	81	H						11/92			SLV	
8	83	H						11/92			SLV	

NUMBER OF TUBES IN REPORT = 158

NSP

DATE: 01/27/93

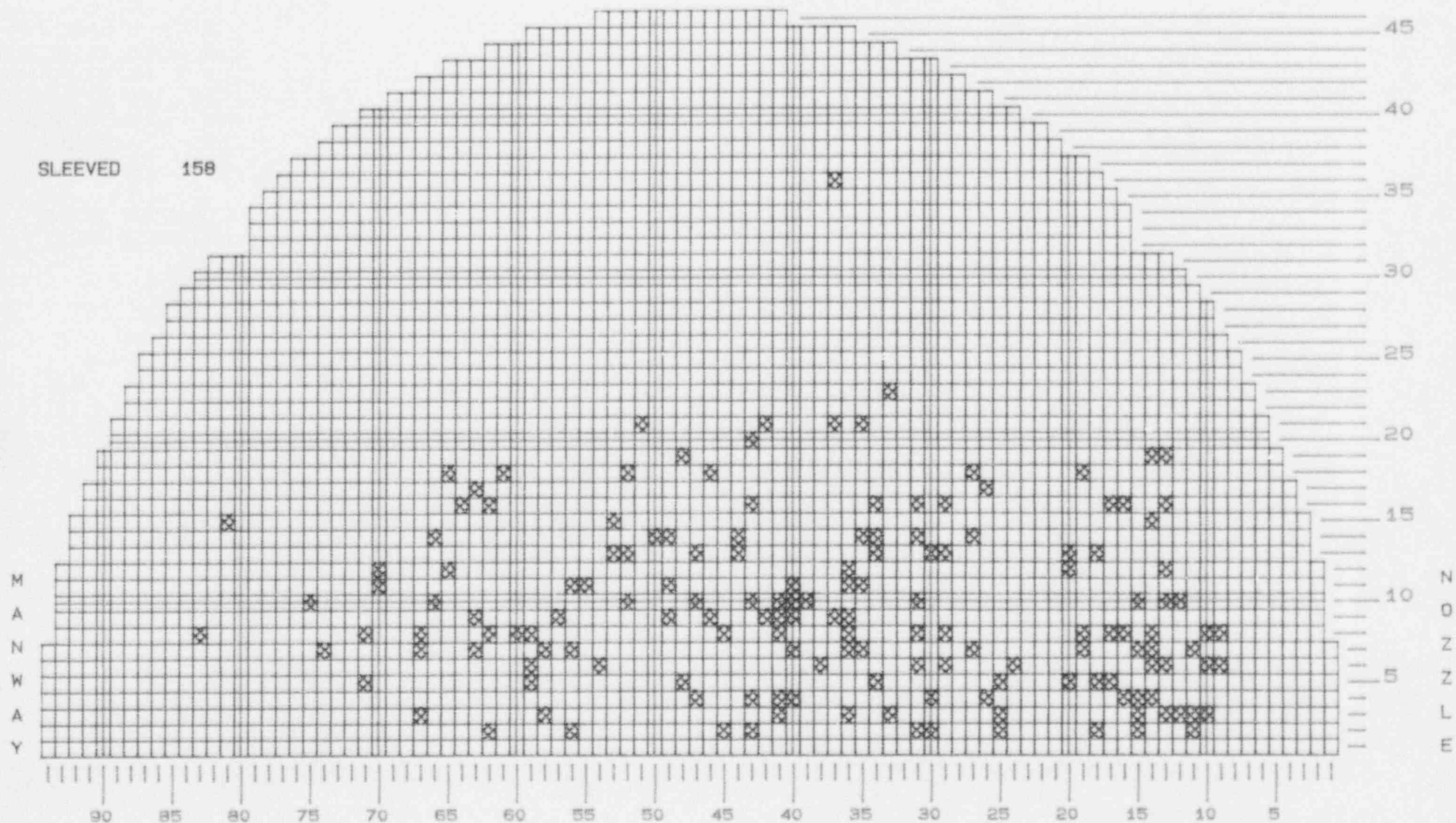
TIME: 16:13

STEAM GENERATOR: 12

GROUPS: All groups included

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1



M&SP-PPM

ISI-ET-2

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Time: 16:17

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
6	9	H						11/92			SLV	
8	9	H						11/92			SLV	
11	9	H						01/90			SLV	
3	10	H						11/92			SLV	
6	10	H						11/92			SLV	
8	10	H						11/92			SLV	
2	11	H						11/92			SLV	
3	11	H						11/92			SLV	
7	11	H						11/92			SLV	
3	12	H						11/92			SLV	
4	12	H						08/88			SLV	
10	12	H						11/92			SLV	
3	13	H						11/92			SLV	
6	13	H						11/92			SLV	
7	13	H						08/88			SLV	
10	13	H						11/92			SLV	
12	13	H						11/92			SLV	
13	13	H						01/90			SLV	
16	13	H						11/92			SLV	
19	13	H						11/92			SLV	
4	14	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 16:17

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
6	14	H						11/92			SLV	
7	14	H						11/92			SLV	
8	14	H						11/92			SLV	
12	14	H						01/90			SLV	
15	14	H						11/92			SLV	
19	14	H						11/92			SLV	
2	15	H						11/92			SLV	
3	15	H						11/92			SLV	
4	15	H						11/92			SLV	
7	15	H						11/92			SLV	
10	15	H						11/92			SLV	
13	15	H						01/90			SLV	
4	16	H						11/92			SLV	
8	16	H						11/92			SLV	
16	16	H						11/92			SLV	
5	17	H						11/92			SLV	
8	17	H						11/92			SLV	
12	17	H						01/90			SLV	
16	17	H						11/92			SLV	
22	17	H						04/87			SLV	
2	18	H						11/92			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Time: 16:17

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
5	18	H						11/92			SLV	
13	18	H						11/92			SLV	
7	19	H						11/92			SLV	
8	19	H						11/92			SLV	
18	19	H						11/92			SLV	
4	20	H						01/90			SLV	
5	20	H						11/92			SLV	
7	20	H						01/90			SLV	
8	20	H						01/90			SLV	
12	20	H						11/92			SLV	
13	20	H						11/92			SLV	
16	20	H						04/87			SLV	
21	20	H						01/90			SLV	
7	21	H						08/88			SLV	
8	21	H						01/90			SLV	
3	22	H						01/90			SLV	
6	22	H						01/90			SLV	
7	22	H						08/88			SLV	
7	23	H						08/88			SLV	
8	23	H						08/88			SLV	
3	24	H						01/90			SLV	

CUMULATIVE INDICATIONS REPORT
PRAIRIE ISLAND, UNIT 1

Generator: 12
Leg.....: Hot and Cold legs
Release...: 2.2
See title page for report selection criteria.

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Date: 01/27/93
Time: 16:17

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
6	24	H						11/92			SLV	
13	24	H						01/90			SLV	
2	25	H						11/92			SLV	
3	25	H						11/92			SLV	
4	25	H						01/90			SLV	
5	25	H						11/92			SLV	
7	25	H						08/88			SLV	
8	25	H						08/88			SLV	
9	25	H						01/90			SLV	
4	26	H						11/92			SLV	
7	26	H						01/90			SLV	
8	26	H						08/88			SLV	
9	26	H						01/90			SLV	
16	26	H						01/90			SLV	
17	26	H						11/92			SLV	
5	27	H						01/90			SLV	
7	27	H						11/92			SLV	
9	27	H						04/87			SLV	
13	27	H						04/87			SLV	
14	27	H						11/92			SLV	
18	27	H						11/92			SLV	

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Generator: 12
Leg.....: Hot and Cold legs
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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
7	28	H						04/87			SLV	
10	28	H						04/87			SLV	
19	28	H						08/88			SLV	
6	29	H						11/92			SLV	
7	29	H						08/88			SLV	
8	29	H						11/92			SLV	
13	29	H						11/92			SLV	
16	29	H						11/92			SLV	
2	30	H						11/92			SLV	
4	30	H						11/92			SLV	
5	30	H						04/87			SLV	
8	30	H						04/87			SLV	
13	30	H						11/92			SLV	
19	30	H						01/90			SLV	
2	31	H						11/92			SLV	
4	31	H						08/88			SLV	
6	31	H						11/92			SLV	
8	31	H						11/92			SLV	
10	31	H						11/92			SLV	
13	31	H						08/88			SLV	
14	31	H						11/92			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
16	31	H						11/92			SLV	
18	31	H						08/88			SLV	
19	31	H						04/87			SLV	
20	31	H						04/87			SLV	
6	32	H						01/90			SLV	
18	32	H						08/88			SLV	
20	32	H						08/88			SLV	
3	33	H						11/92			SLV	
7	33	H						08/88			SLV	
8	33	H						01/90			SLV	
15	33	H						01/90			SLV	
18	33	H						08/88			SLV	
19	33	H						08/88			SLV	
21	33	H						08/88			SLV	
23	33	H						11/92			SLV	
5	34	H						11/92			SLV	
13	34	H						11/92			SLV	
14	34	H						11/92			SLV	
16	34	H						11/92			SLV	
18	34	H						08/88			SLV	
19	34	H						08/88			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
20	34	H						01/90			SLV	
7	35	H						11/92			SLV	
11	35	H						11/92			SLV	
14	35	H						11/92			SLV	
18	35	H						08/88			SLV	
19	35	H						08/88			SLV	
20	35	H						08/88			SLV	
21	35	H						11/92			SLV	
3	36	H						11/92			SLV	
7	36	H						11/92			SLV	
8	36	H						11/92			SLV	
9	36	H						11/92			SLV	
11	36	H						11/92			SLV	
12	36	H						11/92			SLV	
13	36	H						04/87			SLV	
16	36	H						08/88			SLV	
18	36	H						08/88			SLV	
19	36	H						04/87			SLV	
20	36	H						08/88			SLV	
9	37	H						11/92			SLV	
17	37	H						01/90			SLV	

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Leg.....: Hot and Cold legs

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
18	37	H						08/88			SLV	
19	37	H						08/88			SLV	
20	37	H						08/88			SLV	
21	37	H						11/92			SLV	
36	37	H						11/92			SLV	
6	38	H						11/92			SLV	
8	38	H						08/88			SLV	
9	38	H						08/88			SLV	
16	38	H						01/90			SLV	
17	38	H						01/90			SLV	
19	38	H						08/88			SLV	
20	38	H						01/90			SLV	
4	39	H						08/88			SLV	
9	39	H						01/90			SLV	
10	39	H						11/92			SLV	
15	39	H						04/87			SLV	
17	39	H						08/88			SLV	
18	39	H						08/88			SLV	
20	39	H						08/88			SLV	
4	40	H						11/92			SLV	
7	40	H						11/92			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
9	40	H						11/92			SLV	
10	40	H						11/92			SLV	
11	40	H						11/92			SLV	
17	40	H						04/87			SLV	
18	40	H						08/88			SLV	
19	40	H						08/88			SLV	
3	41	H						11/92			SLV	
4	41	H						11/92			SLV	
7	41	H						01/90			SLV	
8	41	H						11/92			SLV	
9	41	H						11/92			SLV	
10	41	H						11/92			SLV	
12	41	H						08/88			SLV	
15	41	H						08/88			SLV	
16	41	H						01/90			SLV	
17	41	H						01/90			SLV	
18	41	H						08/88			SLV	
19	41	H						08/88			SLV	
7	42	H						08/88			SLV	
8	42	H						08/88			SLV	
9	42	H						11/92			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
14	42	H						01/90			SLV	
16	42	H						08/88			SLV	
18	42	H						08/88			SLV	
19	42	H						08/88			SLV	
21	42	H						11/92			SLV	
2	43	H						11/92			SLV	
3	43	H						04/87			SLV	
4	43	H						11/92			SLV	
6	43	H						04/87			SLV	
10	43	H						11/92			SLV	
16	43	H						11/92			SLV	
18	43	H						08/88			SLV	
19	43	H						08/88			SLV	
20	43	H						11/92			SLV	
2	44	H						01/90			SLV	
6	44	H						08/88			SLV	
8	44	H						01/90			SLV	
13	44	H						11/92			SLV	
14	44	H						11/92			SLV	
16	44	H						08/88			SLV	
17	44	H						04/87			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
18	44	H						08/88			SLV	
19	44	H						08/88			SLV	
2	45	H						11/92			SLV	
4	45	H						01/90			SLV	
8	45	H						11/92			SLV	
5	46	H						04/87			SLV	
6	46	H						04/87			SLV	
9	46	H						11/92			SLV	
14	46	H						08/88			SLV	
18	46	H						11/92			SLV	
2	47	H						04/87			SLV	
4	47	H						11/92			SLV	
5	47	H						01/90			SLV	
6	47	H						04/87			SLV	
7	47	H						04/87			SLV	
8	47	H						01/90			SLV	
10	47	H						11/92			SLV	
12	47	H						01/90			SLV	
13	47	H						11/92			SLV	
16	47	H						01/90			SLV	
4	48	H						01/90			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
5	48	H						11/92			SLV	
7	48	H						08/88			SLV	
8	48	H						04/87			SLV	
10	48	H						08/88			SLV	
12	48	H						01/90			SLV	
19	48	H						11/92			SLV	
25	48	H						01/90			SLV	
5	49	H						01/90			SLV	
8	49	H						01/90			SLV	
9	49	H						11/92			SLV	
11	49	H						11/92			SLV	
14	49	H						11/92			SLV	
15	49	H						08/88			SLV	
7	50	H						01/90			SLV	
8	50	H						01/90			SLV	
14	50	H						11/92			SLV	
23	50	H						01/90			SLV	
25	50	H						01/90			SLV	
3	51	H						08/88			SLV	
4	51	H						01/90			SLV	
13	51	H						08/88			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
21	51	H						11/92			SLV	
2	52	H						01/90			SLV	
9	52	H						08/88			SLV	
10	52	H						11/92			SLV	
13	52	H						11/92			SLV	
18	52	H						11/92			SLV	
13	53	H						11/92			SLV	
15	53	H						11/92			SLV	
6	54	H						11/92			SLV	
7	54	H						08/88			SLV	
3	55	H						01/90			SLV	
8	55	H						08/88			SLV	
10	55	H						08/88			SLV	
11	55	H						11/92			SLV	
2	56	H						11/92			SLV	
3	56	H						04/87			SLV	
7	56	H						11/92			SLV	
11	56	H						11/92			SLV	
8	57	H						04/87			SLV	
9	57	H						11/92			SLV	
3	58	H						11/92			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
7	58	H						11/92			SLV	
8	58	H						01/90			SLV	
4	59	H						01/90			SLV	
5	59	H						11/92			SLV	
6	59	H						11/92			SLV	
8	59	H						11/92			SLV	
9	59	H						04/87			SLV	
16	59	H						01/90			SLV	
22	59	H						01/90			SLV	
6	60	H						01/90			SLV	
7	60	H						01/90			SLV	
8	60	H						11/92			SLV	
4	61	H						08/88			SLV	
18	61	H						11/92			SLV	
2	62	H						11/92			SLV	
5	62	H						01/90			SLV	
6	62	H						08/88			SLV	
8	62	H						11/92			SLV	
16	62	H						11/92			SLV	
19	62	H						01/90			SLV	
25	62	H						08/88			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			PFG	END					VOLTS	DEG	%	CH
37	62	H						01/90			SLV	
6	63	H						01/90			SLV	
7	63	H						11/92			SLV	
9	63	H						11/92			SLV	
10	63	H						08/88			SLV	
17	63	H						11/92			SLV	
16	64	H						11/92			SLV	
12	65	H						11/92			SLV	
18	65	H						11/92			SLV	
10	66	H						11/92			SLV	
13	66	H						08/88			SLV	
14	66	H						11/92			SLV	
3	67	H						11/92			SLV	
7	67	H						11/92			SLV	
8	67	H						11/92			SLV	
23	67	H						04/87			SLV	
10	68	H						08/88			SLV	
11	70	H						11/92			SLV	
12	70	H						11/92			SLV	
5	71	H						11/92			SLV	
8	71	H						11/92			SLV	

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ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT			
			BEG	END					VOLTS	DEG	%	CH
7	74	H						11/92			SLV	
10	75	H						11/92			SLV	
15	81	H						11/92			SLV	
8	83	H						11/92			SLV	

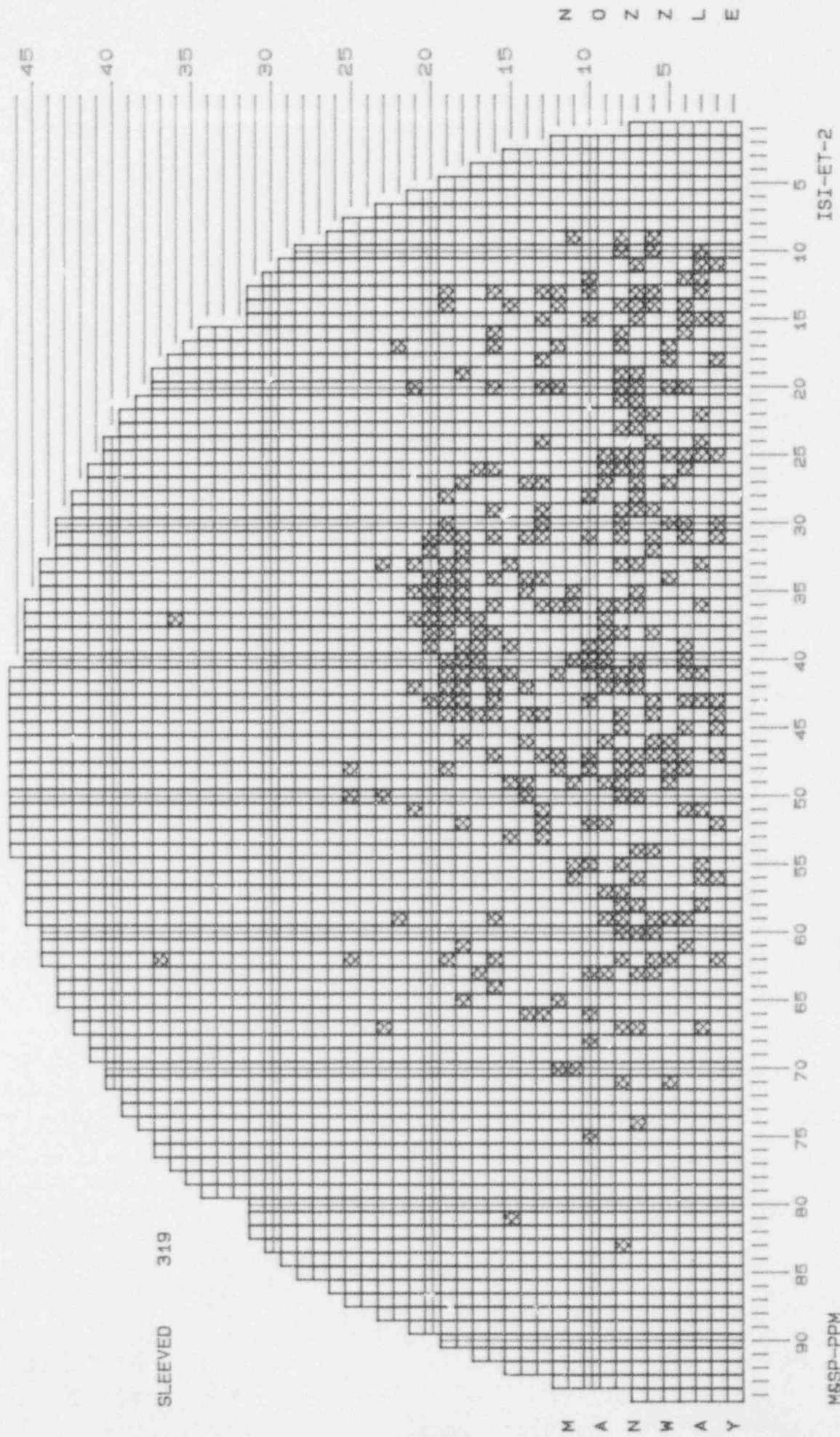
NUMBER OF TUBES IN REPORT = 319

NSP

CUMULATIVE INDICATIONS REPORT-BOTH LEGS

PRAIRIE ISLAND, UNIT 1

GROUPS: All groups included



Appendix G - Results of Section XI VT-3 Snubber Examinations

Snubber No.	Test WRA	Removed	Replaced	Results
1-CVCH-182	S5670	129	173	All snubbers passed.
1-RSIH-476	S5601	20	140	
1-CWRH-80	S5678	179	133	
1-AFWH-72	S5679	386	264	
1-CCH-304	S5672	194	286	
1-CCH-373	S5671	425	278	
1-CCH-376A	S5607	365	347	
1-CCH-376B	S5616	426	276	
1-CCH-380	S5624	63	284	
1-CCH-381A	S5626	120	200	
1-CCH-381B	S5618	239	238	
1-CCH-397	S5619	60	128	
1-CCH-398A	S5614	168	259	
1-CCH-398B	S5610	372	294	
1-CWH-359	S5612	377	98	
1-CWH-394	S5611	313	7	
1-CWH-429	S5609	437	69	
1-CWH-433	S5621	240	246	
1-CWH-434	S5606	417	142	
1-CWH-436	S5645	281	143	
1-RCRH-12A	S5639	434	141	
1-RCRH-23B	S5640	438	288	
1-RCRH-5A	S5642	369	31	
1-RHRRH-15	S5662	413	70	
1-RHRRH-27	S5658	206	435	
1-RHRRH-29A	S5674	4	427	
1-RHRRH-29B	S5652	87	378	
1-RHRRH-41	S5651	95	314	
1-RHRRH-5	S5655	287	135	
1-RPCH-146	S5654	62	90	
1-RPCH-147	S5656	465	355	
1-RSIH-163	S5657	159	415	
1-RSIH-167	S5660	158	449	
1-RSIH-414	S5661	251	390	
1-RSIH-442	S5664	72	433	
1-RSIH-93	S5663	419	197	
1-RSIH-95	S5665	364	132	
1-RSIH-96	S5668	345	80	
1-RSIH-98	S5666	247	436	
1-SIRH-11	S5669	116	57	
1-SIRH-17	S5636	66	97	
1-SIRH-18	S5643	385	93	
1-SIRH-22	S5644	440	237	
1-SIRH-26	S5633	195	218	
1-SIRH-9	S5659	399	291	
1-CWH-405	S5675	493	572	

Appendix G - Results of Section XI VT-3 Snubber Examinations

Snubber No.	Test WRA	Removed	Replaced	Results
1-RCRH-16B	S5617	45	563	All snubbers passed.
1-RCSH-81	S5605	41	213	
1-RCSH-82	S5604	22	23	
1-SIRH-23B	S5648	167	271	
1-MSDH-25A	S5635	147	498	
1-MSDH-25B	S5641	183	52	
1-MSDH-26A	S5637	431	499	
1-MSDH-26B	S5667	257	153	
1-MSH-107A	S5677	338	537	
1-MSH-107B	S5622	428	470	
1-MSH-62B	S5603	362	86	
1-MSH-105A	S5625	549	550	
1-MSH-105B	S5598	528	524	
1-MSH-67A	S5602	529	545	
1-MSH-104B	S5673	1350	1350	
1-RCRH-47A	S5613	564	7701	
1-RCRH-47B	S5615	565	564	
1-RCRH-48A	S5608	566	565	
1-RCRH-48B	S5623	567	567	
1-MSH-67B	S5599	527	359	
1-MSH-69A	S5676	551	552	
11SG Valve Block	S6727			
12SG Valve Block	S6728			