

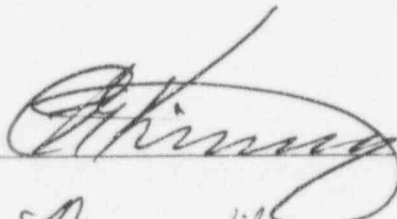
NORTHERN STATES POWER COMPANY  
PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNIT 2  
1717 WAKONADE DRIVE E  
WELCH, MN 55089

REFUELING OUTAGE NUMBER 18  
OUTAGE DATES 01-25-97 TO 03-27-97  
COMMERCIAL SERVICE DATE DECEMBER 20, 1974  
INSERVICE INSPECTION INTERVAL 3, PERIOD 1

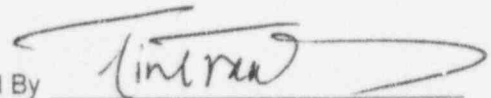
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Prepared By:



Reviewed By



Approved By:



Report Date: 6/20/97

## 1.0 INTRODUCTION

The 18th Prairie Island Nuclear Generating Plant Unit 2 refueling outage began January 25, 1997 and ended March 27, 1997.

This summary report will convey the ISI examinations for interval 3 period 1, see appendix A, B and C. The 3rd interval, 12-21-94 to 12-20-04 is based on the examination requirements of the ASME Boiler and Pressure Vessel Code Section XI, 1989 Edition no addenda.

## 2.0 PERSONNEL

Visual and nondestructive examinations were performed by Northern States Power (NSP), Lambert Macgill and Thomas (LMT), Rockridge Technologies and Zetec. Hartford Steam Boiler Inspection and Insurance Company, provided the Authorized Inspection. Certifications of examination personnel are maintained on file by Northern States Power Company.

## 3.0 INSPECTION SUMMARY

Results of the examination indicates that the integrity of the plant systems has been maintained.

Steam Generator examination results are located in appendix E of this report.

Hanger and component support examinations listed in appendices A through C as F-A, B, C include the applicable examination requirements of ASME Section XI Subsection IWF and applicable requirements of Code Case N-491.

I. Summary (continued)

Page 2 of 2

#### 4.0 EXAMINATION REPORTS, EQUIPMENT AND MATERIALS

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

This summary report contains several abbreviations which are identified below;

A = Augmented examination

BL = Baseline examination

FSAR = Final Safety Analysis Report

GEO = Geometry, evaluation of a indication

HELB = High Energy Line Break

IN = Informational Notice

IND = Indication requires further evaluation

NAD = No Apparent Defects

NC = Non Code commitment

NCR = Nonconformance Report

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

**NORTHERN STATES POWER  
INSERVICE INSPECTION**

**SUMMARY REPORT  
PRAIRIE ISLAND UNIT 2, 1997**

II. Form NIS-1

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS**  
As required by the Provision of the ASME Code Rules Page 1 of 3

1. Owner: Northern States Power Company  
Address: 414 Nicollet Mall, Minneapolis, MN 55401
2. Plant: Prairie Island Nuclear Generating Plant  
Address: 1717 Wakonade Drive E, Welch, MN 55089
3. Plant Unit: II 4. Owner Certificate of Authorization: NA
5. Commercial Service Date: 12-20-74 6. National Board No. : NA
7. Components: (See appendices for components inspected this outage)

<u>Component or Appurtenance</u>	<u>Manufacture or Installer</u>	<u>Manufacture or Installer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
REACTOR VESSEL	CREUOT-LOIRE	687	MINN 200-51	---
PRESSURIZER	WESTINGHOUSE	1191	---	68-57
STEAM GEN NUMBER 21	WESTINGHOUSE	1181	---	68-39
STEAM GEN NUMBER 22	WESTINGHOUSE	1182	---	68-40
REACTOR COOLANT PUMP 21	WESTINGHOUSE	W510	---	---
REACTOR COOLANT PUMP 22	WESTINGHOUSE	W515	---	---
RHR HEAT EXCHANGER 21	JOSEPH OATS & SONS	1817-1C	---	342
RHR HEAT EXCHANGER 22	JOSEPH OATS & SONS	1817-1D	---	343
RHR PUMP 21	BYRON JACKSON	---	---	---
RHR PUMP 22	BYRON JACKSON	---	---	---
SAFETY INJECTION PUMP NUMBER 21	BINGHAM	---	---	---

**NORTHERN STATES POWER  
INSERVICE INSPECTION**

**SUMMARY REPORT  
PRAIRIE ISLAND UNIT 2, 1997**

**FORM NIS-1 OWNERS' REPORT FOR INSERVICE INSPECTIONS**  
As required by the Provision of the ASME Code Rules Page 2 of 3

7. Components: (continued)

<u>Component or Appurtenance</u>	<u>Manufacture or Installer</u>	<u>Manufacture or Installer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
SAFETY INJECTION PUMP NUMBER 22	BINGHAM	---	---	---
ACCUMULATOR TANK 21	DELTA SOUTHERN	41037-69-1	---	2575
ACCUMULATOR TANK 22	DELTA SOUTHERN	41037-69-2	---	2576
BORIC ACID TANK 21	NAVCO	---	---	---

8. Examination Dates 06-27-95 to 03-27-97.

9. Inspection Period Identification: 1

10. Inspection Interval identification: three, from 12-21-1994 to 12-20-2004.

11. Applicable Edition of Section XI 1989 Addenda none

12. Date/Revision of Inspection Plan: 10/31/94 / Revision 0

13. Abstract of Examinations and Tests.

See appendices A through F (attached)

14. Abstract of Results of Examinations and Tests.

See appendices A through F (attached)

15. Abstract of Corrective Measures.

All unacceptable indications detected have been documented on plant nonconformance reports and have been dispositioned to assure continued plant integrity.

**NORTHERN STATES POWER  
INSERVICE INSPECTION**

**SUMMARY REPORT  
PRAIRIE ISLAND UNIT 2, 1997**

**FORM NIS-1 OWNERS' REPORT FOR INSERVICE INSPECTIONS**

As required by the Provision of the ASME Code Rules

Page 3 of 3

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date June 20 19 97 Signed NORTHERN STATES POWER By Amelia Vih  
(Owner)

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, hold a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I&I of Hartford, Conn, have inspected the component's described in this Owner's Report during the period of 6-27-95 to 3-27-97 and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

James J. Della Commissions MN 97-174  
Inspector's Signature National Board, State, Province and Endorsements

Date: June 20 19 97

**NORTHERN STATES POWER  
INSERVICE INSPECTION**

**SUMMARY REPORT  
PRAIRIE ISLAND UNIT 2, 1997**

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III. FORM NIS-2 OWNER'S REPORT FOR REPAIRS AND REPLACEMENTS

Fifteen Form NIS-2s are attached which identify plant system repairs and replacements that have been completed at Prairie Island between the dates of 6-27-95 to 3-27-97.

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 1 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same NO 9607916  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System COMPONENT COOLING
5. (a) Applicable Construction Code SECT III 19 68 Edition, — Addenda, — Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 —
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Component COOLING HEAT EXCHANGER	YUBA			235-031	68	TUBE PLUG	Y

7. Description of Work PLUGGED ONE TUBE
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure   psi Test Temp.   °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 1 of 15

FORM NIS-2 (Back)

3. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson, 1ST Engr Date 6/18, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I & I of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 8-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Sam Liddle Commissions MN-97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 19 97

# FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

- Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 2 of 15  
Address
- Plant Frairie Island Unit 2  
Name  
Same Sec Reverse  
Address Repair Organization P.O. No., Job No., etc.
- Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
- Identification of System Cooling Water System Restraint
- (a) Applicable Construction Code D1.1 19 92 Edition, NA Addenda, NA Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
- Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No. <i>W. O. D. R.</i>	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE RESTRAINT			9700310	2CWRH-14		Repair	N
PIPE RESTRAINT			9700313	2CWRH-2		Repair	N
PIPE RESTRAINT			9700315	2CWRH-40		Repair	N
PIPE RESTRAINT			9614627	8-2CL-2.5		Repair	N

- Description of Work MODIFY RESTRAINT
- Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

9. Remarks WORK ORDERS: 9700310, 9700313, 9700315, 9614627  
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W Carlson, 1ST Engr Date 6/19, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler ICE of Hartford, Conn. have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Linwood S. Chilton Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 3 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same Address See reverse side  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System Cooling Water Valve Replacement
5. (a) Applicable Construction Code B31.1 19 89 Edition, — Addenda, — Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No. Wo No.	Other Identification	Year Built INS	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MV-32150	ANCHOR DARLING	E2275-8-3	9607680		97	Replace	N
MV-32151	ANCHOR DARLING	E2275-9-1	9607675		97	Replace	N
MV-32156	ANCHOR DARLING	E2275-8-4	9607679		97	Replace	N
MV-32387	ANCHOR DARLING	E2275-8-1	9607676		97	Replace	N
MV-32157	ANCHOR DARLING	E2275-9-2	9607677		97	Replace	N
MV-32389	ANCHOR DARLING	E2275-8-2	9607678		97	Replace	N

7. Description of Work REPLACED VALVES

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure 165 psi Test Temp. 70 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

9. Remarks WORK ORDERS: 9607675, 9607676, 9607677,  
9607678, 9607679, 9607680

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson, 1st Engr Date 6/19, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Minnesota and employed by Hartford Steam Boiler I&I of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

James E. Hill Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 4 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same 9700671  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System Feedwater
5. (a) Applicable Construction Code B 31.1 19 67 Edition, - Addenda, - Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE				16-2FW-16	67	REPAIR	N

7. Description of Work REMOVE & REAR INDICATION
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson 1ST Engr Date 6/18, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Minnesota and employed by Hartford Steam Boiler ICI of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Edward E. Dillon Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 5 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same 9700984  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System MAIN STEAM
5. (a) Applicable Construction Code B 31-1 19 67 Edition, - Addenda, - Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE				30-2MS-1	67	REPAIR	N

7. Description of Work REMOVE LINEAR INDICATION
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 5 of 15

FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson 1ST Engr Date 6/18, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler ICI of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Lawrence E. Dalton Commissions NA 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 2/4/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 6 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same WO# 9607944  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System Main Steam Header Isolation CV
5. (a) Applicable Construction Code NA 19 89 Edition, NA Addenda, NA Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No. model	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CV-31117	Schutte & Koerting	70-KA-42	NA	Work Order# 9607944	67	Repair	No

7. Description of Work Replace Bolts & Nuts A193 Gr. 16 / A199 Gr. 7
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson - 1ST Eng Date 6/19, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I&I of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Linwood C. Dillon Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 7 of 15  
Address

2. Plant Prairie Island Unit 2  
Name  
Same WO 9700818  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA

4. Identification of System Reactor Coolant

5. (a) Applicable Construction Code B31.1 1967 Edition, — Addenda, — Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE				8-2RL-15B	67	Repair	N

7. Description of Work Remove LINEAR INDICATION

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 7 of 15

FORM NIS-2 (Back)

3. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_

NA

Certificate of Authorization No. \_\_\_\_\_

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

Signed \_\_\_\_\_

Owner or Owner's Designee, Title

1ST Engr.

Date

6/18

19 97

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I&E of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

James C. Dahl  
Inspector's Signature

Commissions

MN 97-174

National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 8 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same W0 9700391, 9700731  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code B31.1 19 67 Edition, Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE				12-2RH-5A	67	Repair	N
HANGAR				2-RHRRH-24	67	REPAIR	N

7. Description of Work Buff out weld indications
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 8 of 15

FORM NIS-2 (Back)

I. Remarks minor amount of metal removal

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

NA

Certificate of Authorization No.

Expiration Date

Signed Dennis W Carlson  
Owner or Owner's Designee, Title

Eng, 1ST

Date

6/18

19 97

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I & E of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Imwood E. Patton  
Inspector's Signature

Commissions

MN 97-174

National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 9 of 15  
Address

2. Plant Prairie Island Unit 2  
Name  
Same WO 9701474  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA

4. Identification of System REACTOR VESSEL HEAD VENT

5. (a) Applicable Construction Code B31.1 19 89 Edition, — Addenda, — Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built <small>INST</small>	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
HEAD VENT SOLENOID VALVE	TARGET ROCK	12	NA	SU-37096	97	Replacement	N

7. Description of Work Replaced Valve

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
 Other ☐ Pressure 2280 psi Test Temp. 547 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 7 of 15

FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson 1ST Engr Date 6/18, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler ICI of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Imwood Edillon Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 10 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same WO 9700556 PO PH69255Q  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System Reactor Vessel Control Rod Drive Mechanism
5. (a) Applicable Construction Code SECT III CLA 19 28 Edition, — Addenda, — Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Westinghouse Canopy Seal	Westinghouse			Penetration F6, G7	1967	Repair	N

7. Description of Work Leaking welds were repaired using weld buildup with SECT III and SECT XI analysis and fracture mechanics for this non structural item
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
 Other ☐ Pressure 2280 psi Test Temp. 547 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 10 of 15

FORM NIS-2 (Back)

9. Remarks Per NSP Telecon with NRC on 1/18/96 and Subsequent Request  
for approval of alternative to NRC requirements. Letter NSP TO  
NRC dated 1-19-96, final weld PT was replaced with alternate  
remote 8x visual during and after welding. Stress calculations  
and VT-2 during reactor hydrostatic test for these repairs.  
Per S. Hiedeman 2-15-96

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

NTA

Certificate of Authorization No.

Expiration Date

Signed

Owner or Owner's Designee, Title

Denise W Carlson, 1ST Engr

Date

6/18

19

97

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  
or Province of Minnesota and employed by Hartford Steam Boiler ICI of  
Hartford, Conn have inspected the components described  
in this Owner's Report during the period 6-27-95 to 3-27-97, and state that  
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this  
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Imwood C Dillon  
Inspector's Signature

Commissions

MN 97-174

National Board, State, Province, and Endorsements

Date

June 20

19

97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 11 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same 9700314  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System SAFETY INSPECTION
5. (a) Applicable Construction Code D1-1 19 92 Edition, Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE HANGAR				RSIRH-8	-	MODIFICATION	X

7. Description of Work BUILD UP SUPPORT WELD PER DESIGN CHANGE
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ NA  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Page 11 of 15

FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W Carlson 1st Engr Date 6/18, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Minnesota and employed by Hartford Steam Boiler Inc of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Edward C. Hallen Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 12 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same See Reverse  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System CVCS Suction Check Valve Replacement
5. (a) Applicable Construction Code B31-1 19 89 Edition, None Addenda, N-416-1 Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification model	Year Built INSR	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2VC-10-1	ROCKWELL EDWARDS		NA	3678F316J	97	Replacement	N
2VC-10-2	"		NA	3678F316J	97	"	N
2VC-10-3	"		NA	3678F316J	97	"	N

7. Description of Work REPLACED VALVES
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
 Other ☐ Pressure 2400 psi Test Temp. 100 °F

NOTE: Supplemental sheets in form of lists, sketches or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 12 of 15

FORM NIS-2 (Back)

9. Remarks THESE VALVES WERE REPLACED UNDER THE FOLLOWING  
WORK ORDERS: 2VC-10-1, 9700104; 2VC-10-2, 9700105;  
2VC-10-3, 9700107

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson 1ST Engr Date 6/18 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  
or Province of Minnesota and employed by Hartford Steam Boiler ISI of  
Hartford, Conn have inspected the components described  
in this Owner's Report during the period 6-27-95 to 5-27-97, and state that  
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this  
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Leonard E. Hill Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 13 of 15  
Address

2. Plant Prairie Island Unit 2  
Name  
Same WD 9701468  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA

4. Identification of System CVCS

5. (a) Applicable Construction Code NA 19 89 Edition, Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CV-31349	COPEL-VULCAN	NA	NA	MODEL D-100-160-2	67	REPAIR	NO

7. Description of Work Replaced 6 Bolts : 1 1/8" - 8UNC x 5" LONG GRADE B7 STUD  
6 NUTS : 1 1/8" - 8UNC GRADE 2H

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Page 13 of 15

FORM NIS-2 (Back)

3. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NZ

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis W. Carlson 1ST Engineer Date 6/18, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I & I of Hartford Conn. have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

James C. Dillon Commissions MW 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 19 97

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 11/15/96  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 14 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same See reverse  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System Containment Ventilation
5. (a) Applicable Construction Code B31-1 19 89 Edition, None Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
21 Fan Coil	Aero Fin	NA	NA	274-011	96	Replacement	N
22 Fan Coil	Aero Fin	NA	NA	274-012	96	Replacement	N
23 Fan Coil	Aero Fin	NA	NA	274-013	96	Replacement	N
24 Fan Coil	Aero Fin	NA	NA	274-014	96	Replacement	N

7. Description of Work Replaced Fan Coil faces and assoc piping
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐ Nominal Operating Pressure ☐  
 Other ☐ Pressure 174.5 psi Test Temp. 70 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 14 of 15

FORM NIS-2 (Back)

9. Remarks Associated WOs 9609127, 9608964, 9609128,  
9608962, 9609130, 9609131, 9608963, 9608987  
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed JK Anderson, IST Engineer Date 11/15/96, 19\_\_\_\_\_  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  
or Province of Minnesota and employed by Hartford Steam Boiler I&E of  
Hartford, Conn. have inspected the components described  
in this Owner's Report during the period 8-27-95 to 3-27-97, and state that  
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this  
Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Linwood Edalla Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 1997

**FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS**  
As Required by the Provisions of the ASME Code Section XI

1. Owner Northern States Power Co. Date 6/18/97  
Name  
1717 Wakonade Dr. E, Welch, MN 55089 Sheet 15 of 15  
Address
2. Plant Prairie Island Unit 2  
Name  
Same WO 9600263, 9600273, 9609159  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Owner Type Code Symbol Stamp NA  
Name Authorization No. NA  
Address Expiration Date NA
4. Identification of System CONTAINMENT FAN COIL UNIT
5. (a) Applicable Construction Code ASME Spec TSM600.19 67 Edition, Addenda, Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	WORK ORDER National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
22 FAN COIL	Westinghouse		9600263	274-012	67	REPAIR	N
22 FAN COIL	Westinghouse		9600273	274-012	67	REPAIR	N
22 FAN COIL	Westinghouse		9609159	274-012	67	REPAIR	N

7. Description of Work REPAIR LEAKING HEAT EXCHANGER TUBE
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
 Other ☐ Pressure 100 psi Test Temp. 70 °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in Items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

PAGE 15 of 15

FORM NIS-2 (Back)

9. Remarks \_\_\_\_\_  
Applicable Manufacturer's Data Reports to be attached \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp NA

Certificate of Authorization No. \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signed Dennis Carlson 1ST Engr Date 6/19/97, 19 97  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota and employed by Hartford Steam Boiler I&I of Hartford, Conn have inspected the components described in this Owner's Report during the period 6-27-95 to 3-27-97, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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Linwood E Dill Commissions MN 97-174  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 20, 19 97

APPENDIX A

INTERVAL 3 PERIOD 1 INSPECTIONS BY ISO/ITEM

11 Pages

Prairie Island Nuclear Generating  
1717 Wakonade Drive  
Welch, MN 55089

Inservice Inspection Report Log  
Third Interval By Iso/Item  
Commercial Service Date: December 20, 1974

Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
2-ISI- 1A Seal Injection A	B- 1 Flange Bolts	97-0027 01/27/97	VT1 B 7. 50	NAD
2-ISI- 1A Seal Injection A	W-21 Flange To Pipe	97-0020 01/27/97	PT B 9. 21	NAD
2-ISI- 1B Seal Injection A	H- 1 Snubber/Clamp	97-0018 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 2 Crossover Drain A	W-11 Pipe To Red Tee	97-0125 02/14/97	PT B 9. 21	NAD
2-ISI- 3 CL RTD Takeoff A	W- 3 Pipe To Valve	97-0117 02/10/97	PT B 9. 40	NAD
2-ISI- 3 CL RTD Takeoff A	W- 7 Pipe To Elbow	97-0116 02/10/97	PT B 9. 21	NAD
2-ISI- 3 CL RTD Takeoff A	W- 8 Elbow To Pipe	97-0118 02/10/97	PT B 9. 21	NAD
2-ISI- 7A Spray To Pzr Br A	H- 5 Seismic Anchor	97-0086 (A) 02/05/97	VT3 F-A, CL I	NAD
2-ISI- 7A Spray To Pzr Br A	H- 6 Double Rigid	97-0040 (A) 01/30/97	VT3 F-A, CL I No Load	IND
2-ISI- 7A Spray To Pzr Br A	H- 6 Double Rigid	97-0040R1 (A) 02/24/97	VT3 F-A, CL I	NAD
2-ISI- 7B Spray To Pzr Br A	H- 1 Seismic Restraint	97-0042 (A) 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 7C Spray To Pzr Br A	H- 2 Rod/Clamp	97-0044 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 7C Spray To Pzr Br A	H- 3 Rod/Clamp	97-0085 (A) 02/05/97	VT3 F-A, CL I	NAD
2-ISI- 7C Spray To Pzr Br A	W- 2 Pipe to 45 Elbow	97-0050 01/30/97	PT B 9. 21	NAD
2-ISI- 7C Spray To Pzr Br A	W- 4 Pipe to 45 Elbow	97-0049 01/30/97	PT B 9. 21	NAD
2-ISI- 7D Spray To Pzr Br A	H- 1 Snubber/Clamp	97-0102 (A) 02/07/97	VT3 F-A, CL I	NAD
2-ISI- 7D Spray To Pzr Br A	W- 3 Pipe to 45 Elbow	97-0104 02/07/97	PT B 9. 21	NAD
2-ISI- 7F Spray To Pzr Br A	H- 1 Double Spring/Clamp	97-0138 02/15/97	VT3 F-A, CL I	NAD
2-ISI- 7F Spray To Pzr Br A	W- 3 Pipe to Elbow	97-0139 02/15/97	PT B 9. 21	NAD
2-ISI- 7F Spray To Pzr Br A	W- 4 Elbow to Pipe	97-0140 02/15/97	PT B 9. 21	NAD
2-ISI- 10A RHR HL Takeoff A	B- 1 Valve Bolt'ing	97-0041 (A) 01/30/97	VT1 B 7. 70	NAD
2-ISI- 10B RHR HL Takeoff A	H- 2 Snubber/Clamp	97-0058 (A) 01/31/97	VT3 F-A, CL I	NAD

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2-ISI- 10B RHR HL Takeoff A	H- 3 Restraint	97-0057 (A) 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 11 Accum Discharge A	B- 1 Valve Bolts	97-0048 01/30/97	VT1 B 7. 70	NAD
2-ISI- 11 Accum Discharge A	H- 2 Seismic Restraint	97-0047 01/30/97	VT3 F-A, CL I Lack of thread engagement	IND
2-ISI- 11 Accum Discharge A	H- 2 Seismic Restraint	97-0047R1 02/07/97	VT3 F-A, CL I Examined after repair.	NAD
2-ISI- 12A Seal Injection B	H- 1 Spring/Clamp	97-0028 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 12A Seal Injection B	H- 2 Snubber/Clamp	97-0026 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 12A Seal Injection B	H- 4 Restraint	97-0025 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 12A Seal Injection B	W-19 Elbow to Pipe	97-0021 01/27/97	PT B 9. 21	NAD
2-ISI- 12C Seal Injection B	B- 1 Flange Bolts	97-0012 01/27/97	VT1 B 7. 50	NAD
2-ISI- 12C Seal Injection B	B- 2 Flange Bolts	97-0011 (A) 01/27/97	VT1 B 7. 50	NAD
2-ISI- 12C Seal Injection B	W- 9 Red Tee to Pipe	97-0013 01/27/97	PT B 9. 40	NAD
2-ISI- 12C Seal Injection B	W-10 Pipe to Valve	97-0014 01/27/97	PT B 9. 40	NAD
2-ISI- 12C Seal Injection B	W-16 Elbow to Flange	97-0015 01/27/97	PT B 9. 21	NAD
2-ISI- 13A Cold Leg Charging B	H- 8 Double Spring	97-0043 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 13D Cold Leg Charging B	H- 4 Rigid/Clamp	97-0070 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 13D Cold Leg Charging B	W- 4 Pipe to Elbow	97-0080 02/05/97	PT B 9. 21	NAD
2-ISI- 13D Cold Leg Charging B	W- 5 Elbow to Pipe	97-0081 02/05/97	PT B 9. 21	NAD
2-ISI- 14 CL RTD Takeoff B	H- 4 Support	97-0033 (A) 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 17 RTD Return Loop B	W-11 Nozzle to Pipe	97-0045 01/30/97	PT B 9. 32	NAD
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0121 (A) 02/12/97	PT B 9. 11 Linear Ind	IND
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0181 (A) 02/19/97	UT45 B 9. 11	NAD
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0121R1 (A) 02/17/97	PT B 9. 11 Examined after minor buffing	NAD

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2-ISI- 20B RHR HL Takeoff B	H- 4 Restraint	97-0090 02/06/97	VT3 F-A, CL I	NAD
2-ISI- 20B RHR HL Takeoff B	W- 6 Elbow to Pipe	97-0091 02/06/97	PT B 9. 11	NAD
2-ISI- 20B RHR HL Takeoff B	W- 6 Elbow to Pipe	97-0180 02/19/97	UT45 B 9. 11	NAD
2-ISI- 20C RHR HL Takeoff B	B- 1 Valve Bolts	97-0056 01/31/97	VT1 B 7. 70	NAD
2-ISI- 20C RHR HL Takeoff B	W- 2 Elbow to Pipe	97-0088 02/05/97	PT B 9. 11	NAD
2-ISI- 20C RHR HL Takeoff B	W- 2 Elbow to Pipe	97-0179 02/19/97	UT45 B 9. 11	NAD
2-ISI- 21 RHR Return B	B- 1 Valve Bolting	97-0024 01/27/97	VT1 B 7. 70	NAD
2-ISI- 22A Accumulator Disch B	B- 1 Valve Bolts	97-0017 01/27/97	VT1 B 7. 70	NAD
2-ISI- 22A Accumulator Disch B	H- 3 Snubber/Clamp	97-0019 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 22A Accumulator Disch B	W- 4 Pipe to Elbow	97-0031 01/28/97	PT B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 4 Pipe to Elbow	97-0034 01/29/97	UT45 B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 8 Elbow to Elbow	97-0030 01/28/97	PT B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 8 Elbow to Elbow	97-0035 01/29/97	UT45 B 9. 11 Limited Exam	NAD
2-ISI- 22B Accumulator Disch B	B- 1 Valve Bolts	97-0202 (A) 02/26/97	VT1 B 7. 70	NAD
2-ISI- 25 Reactor Vessel SIS A	H- 1 Spring/Clamp	97-0209BL 03/07/97	VT3 F-A, CL I	NAD
2-ISI- 25 Reactor Vessel SIS A	W- 6 Elbow to Pipe	97-0079 02/05/97	PT B 9. 21	NAD
2-ISI- 25 Reactor Vessel SIS A	W- 9 Pipe to Elbow	97-0078 02/05/97	PT B 9. 21	NAD
2-ISI- 28 Reactor Vessel SIS B	B- 1 Valve Bolting	97-0023 01/22/97	VT1 B 7. 70	NAD
2-ISI- 28 Reactor Vessel SIS B	H- 1 Restraint Single	97-0022 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 30B Pressurizer Safety B	B- 1 Flange Bolts	97-0144 02/15/97	VT1 B 7. 50	NAD
2-ISI- 30B Pressurizer Safety B	B- 2 Valve Studs	97-0146 02/15/97	VT1 B 7. 70	NAD
2-ISI- 30B Pressurizer Safety B	W- 1 Nozzle - Safe End	97-0142 02/15/97	PT B 5. 40	NAD

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2-ISI- 30B Pressurizer Safety B	W- 1 Nozzle - Safe End	97-0164 02/17/97	UT45 B 5. 40 Limited Exam	NAD
2-ISI- 30B Pressurizer Safety B	W- 2 Safe End To 45 Elbow	97-0141 02/15/97	PT B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	W- 2 Safe End To 45 Elbow	97-0165 02/17/97	UT45 B 9. 11 Limited Exam	NAD
2-ISI- 30B Pressurizer Safety B	W- 7 Pipe to Elbow	97-0143 02/15/97	PT B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	W- 7 Pipe to Elbow	97-0166 02/17/97	UT45 B 9. 11	NAD
2-ISI- 31 Pressurizer Surge	W- 9 Pipe To 45 Elbow	97-0046 01/30/97	PT B 9. 11	NAD
2-ISI- 31 Pressurizer Surge	W- 9 Pipe To 45 Elbow	97-0051 01/30/97	UT45 B 9. 11	NAD
2-ISI- 32A Reactor Coolant A	W- 1 Nozzle To Safe End	97-0206 02/27/97	PT B 5. 10	NAD
2-ISI- 32A Reactor Coolant A	W- 2 Safe End To Pipe	97-0205 02/27/97	PT B 9. 11	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Crossover Support	97-0054 01/31/97	VT3 F-A, CL 1	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0084 02/05/97	PT B 5. 70	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0073 02/03/97	UT45 B 5. 70 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0072 02/03/97	UTO B 5. 70 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0053 01/31/97	PT B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0064 01/31/97	UT45 B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0063 01/31/97	UTO B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0052 01/31/97	PT B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0062 01/31/97	UT45 B 9. 10 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0061 01/31/97	UTC B 9. 10	NAD
2-ISI- 33A Reactor Coolant B	W- 1 Nozzle To Safe End	97-0208 02/27/97	PT B 5. 10	NAD
2-ISI- 33A Reactor Coolant B	W- 2 Safe End To Pipe	97-0207 02/27/97	PT B 9. 11	NAD
2-ISI- 35 Pressurizer	B- 1 Manway Bolts	97-0145 02/15/97	VT1 B 7. 20	NAD

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2-ISI- 35 Pressurizer	N- 4B IR Safety Nozzle	97-0147 02/15/97	UTO B 3.120 18 and 25 degree	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0169 02/18/97	UTO B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0172 02/18/97	UT45 B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0177 02/18/97	UT60 B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0170 02/18/97	UTO B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0173 02/18/97	UT45 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0176 02/18/97	UT60 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0168 02/18/97	UTO B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0174 02/18/97	UT45 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0175 02/18/97	UT60 B 2. 11 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	B- 1 Inlet Manway Bolts	97-0129 02/14/97	VT1 B 7. 30	NAD
2-ISI- 37A Steam Generator 21	N- 6 IR Nozzle Inner Radius	97-0130 02/13/97	UTO B 3.140 Limited Exam	GEO
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0029 02/03/97	UTO B 2. 40 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0132 02/03/97	UT45 B 2. 40 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0133 02/04/97	UT60 B 2. 40 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0152 02/15/97	UTO C 1. 20 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0153 02/15/97	UT45 C 1. 20 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0157 02/15/97	UT60 C 1. 20 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0082 02/05/97	MT C 2. 21	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0154 02/15/97	UTO C 2. 21	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0155 02/15/97	UT45 C 2. 21 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0156 02/15/97	UT60 C 2. 21 Limited Exam	NAD

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2-ISI- 37B Steam Generator 22	N- 1 IN-IR Feedwater Nozzle	97-0197 (A) 02/21/97	MT NC IN 93-20 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 IR FW Nozzle Inner Radi	97-0131 02/14/97	UT0 C 2. 22	GEO
2-ISI- 37B Steam Generator 22	N- 1 Ring Tee FW Ring Tee/Supports	97-0195 (A) 02/21/97	MT NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	N- 1 Ring Tee FW Ring Tee/Supports	97-0196 (A) 02/21/97	VT3 NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	W- F VT Trans Weld Int VT	97-0194 (A) 02/21/97	VT1 NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0135 01/29/97	UT0 B 2. 40 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0136 01/30/97	UT45 B 2. 40 Linear Ind, Limited Exam	IND
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0137 02/01/97	UT60 B 2. 40 Linear Ind, Limited Exam	IND
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0137R1 03/07/97	UT60 B 2. 40 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0136R1 03/07/97	UT45 B 2. 40 Limited Exam	NAD
2-ISI- 37C Steam Generator 21	H- 7 Pad 1	97-0067 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37C Steam Generator 21	H-28 Col 4 Base	97-0069 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37D Steam Generator 22	H- 4 Snubler 4	97-0074 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37D Steam Generator 22	H- 9 Girder	97-0068 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 38 RV Conoseal Bolting	B- 1 Marmon Clamp @ 120	97-0163 02/18/97	VT1 B 7. 10	NAD
2-ISI- 39 Reactor Vessel	RV Nuts 1-48 Nuts	97-0113 02/11/97	MT B 6. 10 Limited Exam	NAD
2-ISI- 39 Reactor Vessel	RV Studs 1-48 Studs	97-0110 02/10/97	MT B 6. 30	NAD
2-ISI- 39 Reactor Vessel	RV Studs 1-48 Studs	97-0111 02/11/97	UT0 B 6. 30	NAD
2-ISI- 39 Reactor Vessel	RV Washrs 1-48 Washers	97-0114 02/11/97	VT1 B 6. 50	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0077 02/04/97	MT B 1. 40	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0107 02/20/97	UT0 B 1. 40 Limited Exam	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0108 02/08/97	UT45 B 1. 40 Limited Exam	NAD

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2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0109 02/07/97	UT60 B 1. 40 Linear Ind, Limited Exam	IND
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0109R1 03/07/97	UT60 B 1. 40 Limited Exam	NAD
2-ISI- 42 Reactor Vessel	RV- 1 Interior	97-0186 02/08/97	VT3 B13. 10 Surface Flaws	IND
2-ISI- 42 Reactor Vessel	RV- 1 Interior	97-0186R1 03/06/97	VT3 B13. 10 Engineering Evaluation	NAD
2-ISI- 42 Reactor Vessel	Threads Threads in Flange	97-0066 02/01/97	UT0 B 6. 40	NAD
2-ISI- 42 Reactor Vessel	W- 1 Vessel Shell-Flange	97-0065 02/01/97	UT0 B 1. 30	NAD
2-ISI- 43A RC Pump 21	B- 1 Flange Bolts	97-0123 02/13/97	UT0 B 6.180	NAD
2-ISI- 43A RC Pump 21	B- 4 Upper Seal House	97-0071 (A) 02/03/97	VT1 B 7. 60 Thread Galling	IND
2-ISI- 43A RC Pump 21	B- 4 Upper Seal House	97-0071R1 (A) 02/04/97	VT1 B 7. 60 Engineering Evaluation	NAD
2-ISI- 43A RC Pump 21 Flywheel	Pump # 21 Periphery	97-0151 (A) 02/17/97	MT TS.4.2-1 Linear Ind	IND
2-ISI- 43A RC Pump 21 Flywheel	Pump # 21 Periphery	97-0151R1 (A) 03/05/97	MT TS.4.2-1 Engineering Evaluation	NAD
2-ISI- 43B RC Pump 22	B- 1 Flange Bolts	97-0124 02/13/97	UT0 B 6.180	NAD
2-ISI- 43B RC Pump 22	B- 3 Lower Seal House	97-0128 02/14/97	VT1 B 7. 60	NAD
2-ISI- 43B RC Pump 22	B- 4 Upper Seal House	97-0127 02/14/97	VT1 B 7. 60	NAD
2-ISI- 43B RC Pump 22	H- 2 Col 2 Tie Back	97-0036 (A) 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 3 Col 3 Tie Back	97-0039 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 3A Col 3 Bumper	97-0037 01/29/97	VT3 F-A & B10. 20	NAD
2-ISI- 43B RC Pump 22	H- 6 Pad 3	97-0038 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Keyway & Bore	97-0112 02/11/97	UT0 TS.4.2-1	NAD
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Body	97-0204 02/11/97	UT0 TS.4.2-1	NAD
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Periphery	97-0203 02/11/97	UT0 TS.4.2-1	NAD
2-ISI- 46A Main Steam A	H- 9 Rupture Restraint	97-0097 02/06/97	MT F-A & C 3. 20	NAD

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2-ISI- 46A Main Steam A	H- 9 Rupture Restraint	97-0095 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H-10 Restraint Bracket	97-0098 02/07/97	MT F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H-10 Restraint Bracket	97-0094 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0191 02/21/97	MT F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0187 02/20/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0192 02/21/97	PT F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 6 Double Snubber/Clamp	97-0189 02/20/97	VT3 F-A, CL II Loose Parts	IND
2-ISI- 46B Main Steam A	H- 6 Double Snubber/Clamp	97-0189R1 02/26/97	VT3 F-A, CL II Exam after repair	NAD
2-ISI- 46B Main Steam A	W- 8/LSU Pipe to Valve	97-0190 02/21/97	MT C 5. 50	NAD
2-ISI- 46B Main Steam A	W- 8/LSU Pipe to Valve	97-0148 02/24/97	UT45 C 5. 50	NAD
2-ISI- 46B Main Steam A	W-16/LSU Pipe to Cap	97-0193 02/21/97	MT C 5. 50	NAD
2-ISI- 46B Main Steam A	W-16/LSU Pipe to Cap	97-0161 02/24/97	UT45 C 5. 50	NAD
2-ISI- 47A Main Steam B	H- 1 Rupture Restraint	97-0149 (A) 02/17/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 3 Seismic Restraint	97-0150 (A) 02/17/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0126 02/13/97	MT F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0134 02/14/97	VT3 F-A & C 3. 20 Gap in wall plate	IND
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0134R1 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 47A Main Steam B	H- 5 Rupture Restraint	97-0115 02/14/97	VT3 F-A & C 3. 20 Gap in wall plate, Limited Exam	IND
2-ISI- 47A Main Steam B	H- 5 Rupture Restraint	97-0115R1 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 47A Main Steam B	H- 8 Rupture Restraint	97-0162 (A) 02/17/97	VT3 F-A & C 3. 20 Gap in wall plate, Limited Exam	IND
2-ISI- 47A Main Steam B	H- 8 Rupture Restraint	97-0162R1 (A) 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 47A Main Steam B	W- 4/LSUD Elbow to Pipe	97-0083 02/05/97	MT C 5. 50	NAD

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2-ISI- 47A Main Steam B	W- 4/LSUD Elbow to Pipe	97-0089 02/05/97	UT45 C 5. 50 Limited Exam	NAD
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0178 02/19/97	MT F-A & C 3. 20 Linear Ind	IND
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0185 02/20/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0178R1 02/24/97	MT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 47B Main Steam B	H- 3 Constant Support	97-0188 (A) 02/20/97	VT3 F-A, CL II	NAD
2-ISI- 47B Main Steam B	H- 4 Header Restraint	97-0184 02/20/97	VT3 F-A, CL II	NAD
2-ISI- 47B Main Steam B	W-22 Elbow to Pipe	97-0158 02/17/97	MT C 5. 51	NAD
2-ISI- 47B Main Steam B	W-22 Elbow to Pipe	97-0183 02/19/97	UT45 C 5. 51	NAD
2-ISI- 47B Main Steam B	W-23 Pipe to Valve	97-0159 02/17/97	MT C 5. 51	NAD
2-ISI- 47B Main Steam B	W-23 Pipe to Valve	97-0182 02/19/97	UT45 C 5. 51 Limited Exam	NAD
2-ISI- 47B Main Steam B	W-27 Pipe-Flanged Nozzle	97-0160 02/17/97	MT C 5. 80 Limited Exam	NAD
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0092 02/06/97	MT F-A & C 3. 20 Linear Ind	IND
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0096 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0092R1 02/14/97	MT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0093 02/06/97	MT F-A & C 3. 20	NAD
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0099 02/07/97	VT3 F-A & C 3. 20 Gap in wall plate	IND
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0099R1 03/13/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 49 Feedwater B	H- 8 Seismic Restraint	97-0075 02/03/97	VT3 F-A & C 3. 30 Limited Exam	NAD
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0076 02/04/97	MT C 5. 51 Linear Ind	IND
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0167 02/17/97	UT45 C 5. 51 Limited Exam	NAD
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0076R1 02/12/97	MT C 5. 51 Exam after repair	NAD
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0003 01/21/97	PT C 5. 10 Linear Ind	IND

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2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0007 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0003R1 01/23/97	PT C 5. 10 Exam after repair	NAD
2-ISI- 52 RHR Pump A Suction	W-10/LSUD Pipe to Tee	97-0006 01/23/97	PT C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-10/LSUD Pipe to Tee	97-0008 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0004 01/21/97	PT C 5. 10 Linear Ind	IND
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0009 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0004R1 01/24/97	PT C 5. 10 Exam after repair	NAD
2-ISI- 52 RHR Pump A Suction	W-12/LS2D1U Pipe to Elbow	97-0005 01/21/97	PT C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-12/LS2D1U Pipe to Elbow	97-0010 01/24/97	UT45 C 5. 10	NAD
2-ISI- 60B SI Pump 22	H- 5 Support E	97-0199 02/25/97	MT F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 5 Support E	97-0201 02/25/97	VT3 F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 6 Support F	97-0198 02/25/97	MT F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 6 Support F	97-0200 02/25/97	VT3 F-A & C 3. 30	NAD
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0100 02/07/97	PT F-A & C 3. 20 Spot Ind	IND
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0059 01/31/97	VT3 F-A & C 3. 20	NAD
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0100R1 02/18/97	PT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 72 RV Safety Injection	W- 1 Valve to Elbow	97-0101 02/07/97	PT C 5. 11	NAD
2-ISI- 72 RV Safety Injection	W- 1 Valve to Elbow	97-0171 02/18/97	UT45 C 5. 11 Limited exam	NAD
2-ISI- 90C SI 21 Discharge	W-22 Elbow to Pipe	97-0087 02/05/97	PT C 5. 21	NAD
2-ISI- 90C SI 21 Discharge	W-22 Elbow to Pipe	97-0122 02/12/97	UT45 C 5. 21	NAD
2-ISI- 91 SIS Loop A	H- 3 Rod/Clamp	97-0060 01/31/97	VT3 F-A, CL II	NAD
2-ISI- 91 SIS Loop A	W-10 Pipe to Elbow	97-0106 02/08/97	PT C 5. 21	NAD

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2-ISI- 91 SIS Loop A	W-10 Pipe to Elbow	97-0119 02/12/97	UT45 C 5. 21	NAD
2-ISI- 94A Reactor Vessel SIS A	H- 4 Snubber/Clamp	97-0055 01/31/97	VT3 F-A, CL II Loose bolt	IND
2-ISI- 94A Reactor Vessel SIS A	H- 4 Snubber/Clamp	97-0055R1 02/03/97	VT3 F-A, CL II Engineering Evaluation	NAD
2-ISI- 94A Reactor Vessel SIS A	W-13 Pipe to Elbow	97-0105 02/07/97	PT C 5. 21	NAD
2-ISI- 94A Reactor Vessel SIS A	W-13 Pipe to Elbow	97-0120 02/12/97	UT45 C 5. 21	NAD
2-ISI- 94B Reactor Vessel SIS B	W- 1 Valve to Pipe	97-0103 02/07/97	PT C 5. 30	NAD
XH 1-1189 / 1190 Lift Rig Internals	Lift Fixture Internals	97-0032 01/29/97	MT Nureg 0612 NC Linear Ind	IND
XH 1-1189 / 1190 Lift Rig Internals	Lift Fixture Internals	97-0032R1 01/29/97	MT Nureg 0612 NC Exam after repair	NAD
XH 1-1397 Rx Head Lift Fixture	Lift Fixture	97-0016 01/26/97	MT Nureg 0612 NC	NAD
XH 2-93 Turbine Spreader	Lift Fixture Turbine	97-0001 01/20/97	MT Nureg 0612 NC Linear Ind	IND
XH 2-93 Turbine Spreader	Lift Fixture Turbine	97-0002 01/20/97	VT1 Nureg 0612 NC	NAD
XH 2-93 Turbine Spreader	Lift Fixture Turbine	97-0001R1 01/29/97	MT Nureg 0612 NC Exam after repair	NAD

APPENDIX B

INTERVAL 3 PERIOD 1 INSPECTIONS BY ASME SOURCE DOCUMENT NUMBER

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2-ISI- 42 Reactor Vessel	W- 1 Vessel Shell-Flange	97-0065 02/01/97	UT0 B 1. 30	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0077 02/04/97	MT B 1. 40	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0107 02/20/97	UT0 B 1. 40 Limited Exam	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0108 02/08/97	UT45 B 1. 40 Limited Exam	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0109 02/07/97	UT60 B 1. 40 Linear Ind, Limited Exam	IND
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0109R1 03/07/97	UT60 B 1. 40 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0170 02/18/97	UT0 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0173 02/18/97	UT45 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0176 02/18/97	UT60 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0168 02/18/97	UT0 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0174 02/18/97	UT45 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0175 02/18/97	UT60 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0169 02/18/97	UT0 B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0172 02/18/97	UT45 B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0177 02/18/97	UT60 B 2. 12	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0029 02/03/97	UT0 B 2. 40 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0132 02/03/97	UT45 B 2. 40 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0133 02/04/97	UT60 B 2. 40 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0135 01/29/97	UT0 B 2. 40 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0136 01/30/97	UT45 B 2. 40 Linear Ind, Limited Exam	IND
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0137 02/01/97	UT60 B 2. 40 Linear Ind, Limited Exam	IND
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0137R1 03/07/97	UT60 B 2. 40 Limited Exam	NAD

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2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0136R1 03/07/97	UT45 B 2. 40 Limited Exam	NAD
2-ISI- 35 Pressurizer	N- 4B IR Safety Nozzle	97-0147 02/15/97	UT0 B 3.120 18 and 25 degree	NAD
2-ISI- 37A Steam Generator 21	N- 6 IR Nozzle Inner Radius	97-0130 02/13/97	UT0 B 3.140 Limited Exam	GEO
2-ISI- 32A Reactor Coolant A	W- 1 Nozzle To Safe End	97-0206 02/27/97	PT B 5. 10	NAD
2-ISI- 33A Reactor Coolant B	W- 1 Nozzle To Safe End	97-0208 02/27/97	PT B 5. 10	NAD
2-ISI- 30B Pressurizer Safety B	W- 1 Nozzle - Safe End	97-0142 02/15/97	PT B 5. 40	NAD
2-ISI- 30B Pressurizer Safety B	W- 1 Nozzle - Safe End	97-0164 02/17/97	UT45 B 5. 40 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0084 02/05/97	PT B 5. 70	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0073 02/03/97	UT45 B 5. 70 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0072 02/03/97	UT0 B 5. 70 Limited Exam	NAD
2-ISI- 39 Reactor Vessel	RV Nuts 1-48 Nuts	97-0113 02/11/97	MT B 6. 10 Limited Exam	NAD
2-ISI- 39 Reactor Vessel	RV Studs 1-48 Studs	97-0110 02/10/97	MT B 6. 30	NAD
2-ISI- 39 Reactor Vessel	RV Studs 1-48 Studs	97-0111 02/11/97	UT0 B 6. 30	NAD
2-ISI- 42 Reactor Vessel	Threads Threads in Flange	97-0066 02/01/97	UT0 B 6. 40	NAD
2-ISI- 39 Reactor Vessel	RV Washers 1-48 Washers	97-0114 02/11/97	VT1 B 6. 50	NAD
2-ISI- 43B RC Pump 22	B- 1 Flange Bolts	97-0124 02/13/97	UT0 B 6.180	NAD
2-ISI- 43A RC Pump 21	B- 1 Flange Bolts	97-0123 02/13/97	UT0 B 6.180	NAD
2-ISI- 38 RV Conoseal Bolting	B- 1 Marmen Clamp @ 120	97-0163 02/18/97	VT1 B 7. 10	NAD
2-ISI- 35 Pressurizer	B- 1 Manway Bolts	97-0145 02/15/97	VT1 B 7. 20	NAD
2-ISI- 37A Steam Generator 21	B- 1 Inlet Manway Bolts	97-0129 02/14/97	VT1 B 7. 30	NAD
2-ISI- 1A Seal Injection A	C- 1 Flange Bolts	97-0027 01/27/97	VT1 B 7. 50	NAD
2-ISI- 12C Seal Injection B	B- 1 Flange Bolts	97-0012 01/27/97	VT1 B 7. 50	NAD

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2-ISI- 30B Pressurizer Safety B	B- 1 Flange Bolts	97-0144 02/15/97	VT1 B 7. 50	NAD
2-ISI- 12C Seal Injection B	B- 2 Flange Bolts	97-0011 (A) 01/27/97	VT1 B 7. 50	NAD
2-ISI- 43B RC Pump 22	B- 3 Lower Seal House	97-0128 02/14/97	VT1 B 7. 60	NAD
2-ISI- 43B RC Pump 22	B- 4 Upper Seal House	97-0127 02/14/97	VT1 B 7. 60	NAD
2-ISI- 43A RC Pump 21	B- 4 Upper Seal House	97-0071 (A) 02/03/97	VT1 B 7. 60 Thread Galling	IND
2-ISI- 43A RC Pump 21	B- 4 Upper Seal House	97-0071R1 (A) 02/04/97	VT1 B 7. 60 Engineering Evaluation	NAD
2-ISI- 11 Accum Discharge A	B- 1 Valve Bolts	97-0048 01/30/97	VT1 B 7. 70	NAD
2-ISI- 20C RHR HL Takeoff B	B- 1 Valve Bolts	97-0056 01/31/97	VT1 B 7. 70	NAD
2-ISI- 21 RHR Return B	B- 1 Valve Bolting	97-0024 01/27/97	VT1 B 7. 70	NAD
2-ISI- 22A Accumulator Disch B	B- 1 Valve Bolts	97-0017 01/27/97	VT1 B 7. 70	NAD
2-ISI- 28 Reactor Vessel SIS B	B- 1 Valve Bolting	97-0023 01/22/97	VT1 B 7. 70	NAD
2-ISI- 30B Pressurizer Safety B	B- 2 Valve Studs	97-0146 02/15/97	VT1 B 7. 70	NAD
2-ISI- 22B Accumulator Disch B	B- 1 Valve Bolts	97-0202 (A) 02/26/97	VT1 B 7. 70	NAD
2-ISI- 10A RHR HL Takeoff A	B- 1 Valve Bolting	97-0041 (A) 01/30/97	VT1 B 7. 70	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0053 01/31/97	PT B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0064 01/31/97	UT45 B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0052 01/31/97	PT B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0062 01/31/97	UT45 B 9. 10 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0063 01/31/97	UT0 B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0061 01/31/97	UT0 B 9. 10	NAD
2-ISI- 20B RHR HL Takeoff B	W- 6 Elbow to Pipe	97-0091 02/06/97	PT B 9. 11	NAD
2-ISI- 20B RHR HL Takeoff B	W- 6 Elbow to Pipe	97-0180 02/19/97	UT45 B 9. 11	NAD

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2-ISI- 20C RHR HL Takeoff B	W- 2 Elbow to Pipe	97-0088 02/05/97	PT B 9. 11	NAD
2-ISI- 20C RHR HL Takeoff B	W- 2 Elbow to Pipe	97-0179 02/19/97	UT45 B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 4 Pipe to Elbow	97-0031 01/28/97	PT B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 4 Pipe to Elbow	97-0034 01/29/97	UT45 B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 8 Elbow to Elbow	97-0030 01/28/97	PT B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 8 Elbow to Elbow	97-0035 01/29/97	UT45 B 9. 11 Limited Exam	NAD
2-ISI- 30B Pressurizer Safety B	W- 7 Pipe to Elbow	97-0143 02/15/97	PT B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	W- 7 Pipe to Elbow	97-0166 02/17/97	UT45 B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	W- 2 Safe End To 45 Elbow	97-0141 02/15/97	PT B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	W- 2 Safe End To 45 Elbow	97-0165 02/17/97	UT45 B 9. 11 Limited Exam	NAD
2-ISI- 32A Reactor Coolant A	W- 2 Safe End To Pipe	97-0205 02/27/97	PT B 9. 11	NAD
2-ISI- 33A Reactor Coolant B	W- 2 Safe End To Pipe	97-0207 02/27/97	PT B 9. 11	NAD
2-ISI- 31 Pressurizer Surge	W- 9 Pipe To 45 Elbow	97-0046 01/30/97	PT B 9. 11	NAD
2-ISI- 31 Pressurizer Surge	W- 9 Pipe To 45 Elbow	97-0051 01/30/97	UT45 B 9. 11	NAD
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0121 (A) 02/12/97	PT B 9. 11 Linear Ind	IND
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0181 (A) 02/19/97	UT45 B 9. 11	NAD
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0121R1 (A) 02/17/97	PT B 9. 11 Examined after minor buffing	NAD
2-ISI- 2 Crossover Drain A	W-11 Pipe To Red Tee	97-0125 02/14/97	PT B 9. 21	NAD
2-ISI- 3 CL RTD Takeoff A	W- 7 Pipe To Elbow	97-0116 02/10/97	PT B 9. 21	NAD
2-ISI- 3 CL RTD Takeoff A	W- 8 Elbow To Pipe	97-0118 02/10/97	PT B 9. 21	NAD
2-ISI- 1A Seal Injection A	W-21 Flange To Pipe	97-0020 01/27/97	PT B 9. 21	NAD
2-ISI- 12A Seal Injection B	W-19 Elbow to Pipe	97-0021 01/27/97	PT B 9. 21	NAD

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2-ISI- 12C Seal Injection B	W-16 Elbow to Flange	97-0015 01/27/97	PT B 9. 21	NAD
2-ISI- 13D Cold Leg Charging B	W- 5 Elbow to Pipe	97-0081 02/05/97	PT B 9. 21	NAD
2-ISI- 13D Cold Leg Charging B	W- 4 Pipe to Elbow	97-0080 02/05/97	PT B 9. 21	NAD
2-ISI- 25 Reactor Vessel SIS A	W- 9 Pipe to Elbow	97-0078 02/05/97	PT B 9. 21	NAD
2-ISI- 25 Reactor Vessel SIS A	W- 6 Elbow to Pipe	97-0079 02/05/97	PT B 9. 21	NAD
2-ISI- 7F Spray To Pzr Br A	W- 3 Pipe to Elbow	97-0139 02/15/97	PT B 9. 21	NAD
2-ISI- 7F Spray To Pzr Br A	W- 4 Elbow to Pipe	97-0140 02/15/97	PT B 9. 21	NAD
2-ISI- 7D Spray To Pzr Br A	W- 3 Pipe to 45 Elbow	97-0104 02/07/97	PT B 9. 21	NAD
2-ISI- 7C Spray To Pzr Br A	W- 2 Pipe to 45 Elbow	97-0050 01/30/97	PT B 9. 21	NAD
2-ISI- 7C Spray To Pzr Br A	W- 4 Pipe to 45 Elbow	97-0049 01/30/97	PT B 9. 21	NAD
2-ISI- 17 RTD Return Loop B	W-11 Nozzle to Pipe	97-0045 01/30/97	PT B 9. 32	NAD
2-ISI- 3 CL RTD Takeoff A	W- 3 Pipe To Valve	97-0117 02/10/97	PT B 9. 40	NAD
2-ISI- 12C Seal Injection B	W-10 Pipe to Valve	97-0014 01/27/97	PT B 9. 40	NAD
2-ISI- 12C Seal Injection B	W- 9 Red Tee to Pipe	97-0013 01/27/97	PT B 9. 40	NAD
2-ISI- 42 Reactor Vessel	RV- 1 Interior	97-0186 02/08/97	VT3 B13. 10 Surface Flaws	IND
2-ISI- 42 Reactor Vessel	RV- 1 Interior	97-0186R1 03/06/97	VT3 B13. 10 Engineering Evaluation	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0152 02/15/97	UT0 C 1. 20 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0153 02/15/97	UT45 C 1. 20 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0157 02/15/97	UT60 C 1. 20 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W- 1 Feedwater Nozzle	97-0082 02/05/97	MT C 2. 21	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0154 02/15/97	UT0 C 2. 21	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0155 02/15/97	UT45 C 2. 21 Limited Exam	NAD

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2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0156 02/15/97	UT60 C 2. 21 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 IR FW Nozzle Inner Radi	97-0131 02/14/97	UT0 C 2. 22	GEO
2-ISI- 52 RHR Pump A Suction	W-10/LSUD Pipe to Tee	97-0006 01/23/97	PT C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-10/LSUD Pipe to Tee	97-0008 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0004 01/21/97	PT C 5. 10 Linear Ind	IND
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0009 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-12/LS2D1U Pipe to Elbow	97-0005 01/21/97	PT C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-12/LS2D1U Pipe to Elbow	97-0010 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0003 01/21/97	PT C 5. 10 Linear Ind	IND
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0007 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0003R1 01/23/97	PT C 5. 10 Exam after repair	NAD
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0004R1 01/24/97	PT C 5. 10 Exam after repair	NAD
2-ISI- 72 RV Safety Injection	W- 1 Valve to Elbow	97-0101 02/07/97	PT C 5. 11	NAD
2-ISI- 72 RV Safety Injection	W- 1 Valve to Elbow	97-0171 02/18/97	UT45 C 5. 11 Limited exam	NAD
2-ISI- 91 SIS Loop A	W-10 Pipe to Elbow	97-0106 02/08/97	PT C 5. 21	NAD
2-ISI- 91 SIS Loop A	W-10 Pipe to Elbow	97-0119 02/12/97	UT45 C 5. 21	NAD
2-ISI- 94A Reactor Vessel SIS A	W-13 Pipe to Elbow	97-0105 02/07/97	PT C 5. 21	NAD
2-ISI- 94A Reactor Vessel SIS A	W-13 Pipe to Elbow	97-0120 02/12/97	UT45 C 5. 21	NAD
2-ISI- 90C SI 21 Discharge	W-22 Elbow to Pipe	97-0087 02/05/97	PT C 5. 21	NAD
2-ISI- 90C SI 21 Discharge	W-22 Elbow to Pipe	97-0122 02/12/97	UT45 C 5. 21	NAD
2-ISI- 94B Reactor Vessel SIS B	W- 1 Valve to Pipe	97-0103 02/07/97	PT C 5. 30	NAD
2-ISI- 47A Main Steam B	W- 4/LSUD Elbow to Pipe	97-0083 02/05/97	MT C 5. 50	NAD

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2-ISI- 47A Main Steam B	W- 4/LSUD Elbow to Pipe	97-0089 02/05/97	UT45 C 5. 50 Limited Exam	NAD
2-ISI- 46B Main Steam A	W-16/LSU Pipe to Cap	97-0193 02/21/97	MT C 5. 50	NAD
2-ISI- 46B Main Steam A	W-16/LSU Pipe to Cap	97-0161 02/24/97	UT45 C 5. 50	NAD
2-ISI- 46B Main Steam A	W- 8/LSU Pipe to Valve	97-0190 02/21/97	MT C 5. 50	NAD
2-ISI- 46B Main Steam A	W- 8/LSU Pipe to Valve	97-0148 02/24/97	UT45 C 5. 50	NAD
2-ISI- 47B Main Steam B	W-23 Pipe to Valve	97-0159 02/17/97	MT C 5. 51	NAD
2-ISI- 47B Main Steam B	W-23 Pipe to Valve	97-0182 02/19/97	UT45 C 5. 51 Limited Exam	NAD
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0076 02/04/97	MT C 5. 51 Linear Ind	IND
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0167 02/17/97	UT45 C 5. 51 Limited Exam	NAD
2-ISI- 47B Main Steam B	W-22 Elbow to Pipe	97-0158 02/17/97	MT C 5. 51	NAD
2-ISI- 47B Main Steam B	W-22 Elbow to Pipe	97-0183 02/19/97	UT45 C 5. 51	NAD
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0076R1 02/12/97	MT C 5. 51 Exam after repair	NAD
2-ISI- 47B Main Steam B	W-21 Flange-Flanged Nozzle	97-0160 02/17/97	MT C 5. 80 Limited Exam	NAD
2-ISI- 43B RC Pump 22	H- 3A Col 3 Bumper	97-0037 01/29/97	VT3 F-A & B10. 20	NAD
2-ISI- 46A Main Steam A	H-10 Restraint Bracket	97-0098 02/07/97	MT F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H- 9 Rupture Restraint	97-0097 02/06/97	MT F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0191 02/21/97	MT F-A & C 3. 20	NAD
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0100 02/07/97	PT F-A & C 3. 20 Spot Ind	IND
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0059 01/27/97	VT3 F-A & C 3. 20	NAD
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0092 02/06/97	MT F-A & C 3. 20 Linear Ind	IND
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0093 02/06/97	MT F-A & C 3. 20	NAD
2-ISI- 49 Feedwater B	H- 8 Seismic Restraint	97-0225 02/03/97	VT3 F-A & C 3. 20 Limited Exam	NAD

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2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0178 02/19/97	MT F-A & C 3. 20 Linear Ind	IND
2-ISI- 46A Main Steam A	H- 9 Rupture Restraint	97-0095 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H-10 Restraint Bracket	97-0094 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0187 02/20/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 5 Rupture Restraint	97-0115 02/14/97	VT3 F-A & C 3. 20 Gap in wall plate, Limited Exam	IND
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0099 02/07/97	VT3 F-A & C 3. 20 Gap in wall plate	IND
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0185 02/20/97	VT3 F-A & C 3. 20	NAD
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0096 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0126 02/13/97	MT F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0134 02/14/97	VT3 F-A & C 3. 20 Gap in wall plate	IND
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0092R1 02/14/97	MT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 47A Main Steam B	H- 1 Rupture Restraint	97-0149 (A) 02/17/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 3 Seismic Restraint	97-0150 (A) 02/17/97	VT3 F-A & C 3. 20	NAD
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0100R1 02/18/97	PT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 47A Main Steam B	H- 8 Rupture Restraint	97-0162 (A) 02/17/97	VT3 F-A & C 3. 20 Gap in wall plate, Limited Exam	IND
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0192 02/21/97	PT F-A & C 3. 20	NAD
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0178R1 02/24/97	MT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 47A Main Steam B	H- 5 Rupture Restraint	97-0115R1 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0134R1 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 47A Main Steam B	H- 8 Rupture Restraint	97-0162R1 (A) 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0099R1 03/13/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 60B SI Pump 22	H- 5 Support E	97-0199 02/25/97	MT F-A & C 3. 30	NAD

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2-ISI- 60B SI Pump 22	H- 5 Support E	97-0201 02/25/97	VT3 F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 6 Support F	97-0198 02/25/97	MT F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 6 Support F	97-0200 02/25/97	VT3 F-A & C 3. 30	NAD
2-ISI- 12A Seal Injection B	H- 4 Restraint	97-0025 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 13A Cold Leg Charging B	H- 8 Double Spring	97-0043 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 11 Accum Discharge A	H- 2 Seismic Restraint	97-0047 01/30/97	VT3 F-A, CL I Lack of thread engagement	IND
2-ISI- 13D Cold Leg Charging B	H- 4 Rigid/Clamp	97-0070 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 20B RHR HL Takeoff B	H- 4 Restraint	97-0090 02/06/97	VT3 F-A, CL I	NAD
2-ISI- 7C Spray To Pzr Br A	H- 2 Rod/Clamp	97-0044 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 7F Spray To Pzr Br A	H- 1 Double Spring/Clamp	97-0138 02/15/97	VT3 F-A, CL I	NAD
2-ISI- 22A Accumulator Disch E	H- 3 Snubber/Clamp	97-0019 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 28 Reactor Vessel SIS B	H- 1 Restraint Single	97-0022 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 32B Reactor Coolant A	H- 1 Crossover Support	97-0054 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 37C Steam Generator 21	H- 7 Pad 1	97-0067 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37D Steam Generator 22	H- 4 Snubber 4	97-0074 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37D Steam Generator 22	H- 9 Girder	97-0068 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 3 Col 3 Tie Back	97-0039 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 6 Pad 3	97-0038 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 37C Steam Generator 21	H-28 Col 4 Base	97-0069 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 14 CL RTD Takeoff B	H- 4 Support	97-0033 (A) 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 12A Seal Injection B	H- 1 Spring/Clamp	97-0028 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 2 Col 2 Tie Back	97-0036 (A) 01/29/97	VT3 F-A, CL I	NAD

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2-ISI- 7B Spray To Pzr Br A	H- 1 Seismic Restraint	97-0042 (A) 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 7D Spray To Pzr Br A	H- 1 Snubber/Clamp	97-0102 (A) 02/07/97	VT3 F-A, CL I	NAD
2-ISI- 1B Seal Injection A	H- 1 Snubber/Clamp	97-0018 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 10B RHR HL Takeoff A	H- 3 Restraint	97-0057 (A) 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 10B RHR HL Takeoff A	H- 2 Snubber/Clamp	97-0058 (A) 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 12A Seal Injection B	H- 2 Snubber/Clamp	97-0026 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 7A Spray To Pzr Br A	H- 6 Double Rigid	97-0040 (A) 01/30/97	VT3 F-A, CL I No Load	IND
2-ISI- 7A Spray To Pzr Br A	H- 5 Seismic Anchor	97-0086 (A) 02/05/97	VT3 F-A, CL I	NAD
2-ISI- 7C Spray To Pzr Br A	H- 3 Rod/Clamp	97-0085 (A) 02/05/97	VT3 F-A, CL I	NAD
2-ISI- 11 Accum Discharge A	H- 2 Seismic Restraint	97-0047R1 02/07/97	VT3 F-A, CL I Examined after repair.	NAD
2-ISI- 7A Spray To Pzr Br A	H- 6 Double Rigid	97-0040R1 (A) 02/24/97	VT3 F-A, CL I	NAD
2-ISI- 25 Reactor Vessel SIS A	H- 1 Spring/Clamp	97-0209BL 03/07/97	VT3 F-A, CL I	NAD
2-ISI- 47B Main Steam B	H- 4 Header Restraint	97-0184 02/20/97	VT3 F-A, CL II	NAD
2-ISI- 46B Main Steam A	H- 6 Double Snubber/Clamp	97-0189 02/20/97	VT3 F-A, CL II Loose Parts	IND
2-ISI- 91 SIS Loop A	H- 3 Rod/Clamp	97-0060 01/31/97	VT3 F-A, CL II	NAD
2-ISI- 94A Reactor Vessel SIS A	H- 4 Snubber/Clamp	97-0055 01/31/97	VT3 F-A, CL II Loose bolt	IND
2-ISI- 47B Main Steam B	H- 3 Constant Support	97-0188 (A) 02/20/97	VT3 F-A, CL II	NAD
2-ISI- 94A Reactor Vessel SIS A	H- 4 Snubber/Clamp	97-0055R1 02/03/97	VT3 F-A, CL II Engineering Evaluation	NAD
2-ISI- 46B Main Steam A	H- 6 Double Snubber/Clamp	97-0189R1 02/26/97	VT3 F-A, CL II Exam after repair	NAD
2-ISI- 37B Steam Generator 22	N- 1 IN-IR Feedwater Nozzle	97-0197 (A) 02/21/97	MT NC IN 93-20 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 Ring Tee FW Ring Tee/Supports	97-0195 (A) 02/21/97	MT NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	W- F VT Trans Weld Int VT	97-0194 (A) 02/21/97	VT1 NC IN 93-20	NAD

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2-ISI- 37B Steam Generator 22	N- 1 Ring Tee FW Ring Tee/Supports	97-0196 (A) 02/21/97	VT3 NC IN 93-20	NAD	
XH 1-1397 Rx Head Lift Fixture	Lift Fixture	97-0016 01/26/97	MT Nureg 0612 NC	NAD	
XH 1-1189 / 1190 Lift Rig Internals	Lift Fixture Internals	97-0032 01/29/97	MT Nureg 0612 NC Linear Ind	IND	
XH 2-93 Turbine Spreader	Lift Fixture Turbine	97-0001 01/20/97	MT Nureg 0612 NC Linear Ind	IND	
XH 2-93 Turbine Spreader	Lift Fixture Turbine	97-0002 01/20/97	VT1 Nureg 0612 NC	NAD	
XH 2-93 Turbine Spreader	Lift Fixture Turbine	97-0001R1 01/29/97	MT Nureg 0612 NC Exam after repair	NAD	
XH 1-1189 / 1190 Lift Rig Internals	Lift Fixture Internals	97-0032R1 01/29/97	MT Nureg 0612 NC Exam after repair	NAD	
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Keyway & Bore	97-0112 02/11/97	UTO TS.4.2-1	NAD	
2-ISI- 43A RC Pump 21 Flywheel	Pump # 21 Periphery	97-0151 (A) 02/17/97	MT TS.4.2-1 Linear Ind	IND	
2-ISI- 43A RC Pump 21 Flywheel	Pump # 21 Periphery	97-0151R1 (A) 03/05/97	MT TS.4.2-1 Engineering Evaluation	NAD	
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Body	97-0204 02/11/97	UTO TS.4.2-1	NAD	
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Periphery	97-0203 02/11/97	UTO TS.4.2-1	NAD	

APPENDIX C

INTERVAL 3 PERIOD 1 INSPECTIONS BY INSPECTION REPORT NUMBER

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XN 2-93 Turbine Spreader	Lift Fixture Turbine	97-0001 01/20/97	MT Nureg 0612 NC Linear Ind	IND
XN 2-93 Turbine Spreader	Lift Fixture Turbine	97-001R1 01/29/97	MT Nureg 0612 NC Exam after repair	NAD
XN 2-93 Turbine Spreader	Lift Fixture Turbine	97-0002 01/20/97	VT1 Nureg 0612 NC	NAD
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0003 01/21/97	PT C 5. 10 Linear Ind	IND
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0003R1 01/23/97	PT C 5. 10 Exam after repair	NAD
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0004 01/21/97	PT C 5. 10 Linear Ind	IND
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0004R1 01/24/97	PT C 5. 10 Exam after repair	NAD
2-ISI- 52 RHR Pump A Suction	W-12/LS2D1U Pipe to Elbow	97-0005 01/21/97	PT C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-10/LSUD Pipe to Tee	97-0006 01/23/97	PT C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W- 9/LSUD Tee to Pipe	97-0007 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-10/LSUD Pipe to Tee	97-0008 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-11/LSUD Tee to Pipe	97-0009 01/24/97	UT45 C 5. 10	NAD
2-ISI- 52 RHR Pump A Suction	W-12/LS2D1U Pipe to Elbow	97-0010 01/24/97	UT45 C 5. 10	NAD
2-ISI- 12C Seal Injection B	B- 2 Flange Bolts	97-0011 (A) 01/27/97	VT1 B 7. 50	NAD
2-ISI- 12C Seal Injection B	B- 1 Flange Bolts	97-0012 01/27/97	VT1 B 7. 50	NAD
2-ISI- 12C Seal Injection B	W- 9 Red Tee to Pipe	97-0013 01/27/97	PT B 9. 40	NAD
2-ISI- 12C Seal Injection B	W-10 Pipe to Valve	97-0014 01/27/97	PT B 9. 40	NAD
2-ISI- 12C Seal Injection B	W-16 Elbow to Flange	97-0015 01/27/97	PT B 9. 21	NAD
XN 1-1397 Rx Head Lift Fixture	Lift Fixture	97-0016 01/26/97	MT Nureg 0612 NC	NAD
2-ISI- 22A Accumulator Disch B	B- 1 Valve Bolts	97-0017 01/27/97	VT1 B 7. 70	NAD
2-ISI- 1B Seal Injection A	H- 1 Snubber/Clamp	97-0018 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 22A Accumulator Disch B	H- 3 Snubber/Clamp	97-0019 01/27/97	VT3 F-A, CL I	NAD

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2-ISI- 1A Seal Injection A	W-21 Flange To Pipe	97-0020 01/27/97	PT B 9. 21	NAD
2-ISI- 12A Seal Injection B	W-19 Elbow to Pipe	97-0021 01/27/97	PT B 9. 21	NAD
2-ISI- 28 Reactor Vessel SIS B	H- 1 Restraint Single	97-0022 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 28 Reactor Vessel SIS B	B- 1 Valve Bolting	97-0023 01/22/97	VT1 B 7. 70	NAD
2-ISI- 21 RHR Return B	B- 1 Valve Bolting	97-0024 01/27/97	VT1 B 7. 70	NAD
2-ISI- 12A Seal Injection B	H- 4 Restraint	97-0025 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 12A Seal Injection B	H- 2 Snubber/Clamp	97-0026 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 1A Seal Injection A	B- 1 Flange Bolts	97-0027 01/27/97	VT1 B 7. 50	NAD
2-ISI- 12A Seal Injection B	H- 1 Spring/Clamp	97-0028 (A) 01/27/97	VT3 F-A, CL I	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0029 02/03/97	UT0 B 2. 40 Limited Exam	NAD
2-ISI- 22A Accumulator Disch B	W- 8 Elbow to Elbow	97-0030 01/28/97	PT B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 4 Pipe to Elbow	97-0031 01/28/97	PT B 9. 11	NAD
XR 1-1189 / 1190 Lift Rig Internals	Lift Fixture Internals	97-0032 01/29/97	MT Nureg 0612 NC Linear Ind	IND
XR 1-1189 / 1190 Lift Rig Internals	Lift Fixture Internals	97-0032R1 01/29/97	MT Nureg 0612 NC Exam after repair	NAD
2-ISI- 14 CL RTD Takeoff B	H- 4 Support	97-0033 (A) 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 22A Accumulator Disch B	W- 4 Pipe to Elbow	97-0034 01/29/97	UT45 B 9. 11	NAD
2-ISI- 22A Accumulator Disch B	W- 8 Elbow to Elbow	97-0035 01/29/97	UT45 B 9. 11 Limited Exam	NAD
2-ISI- 43B RC Pump 22	H- 2 Col 2 Tie Back	97-0036 (A) 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 3A Col 3 Bumper	97-0037 01/29/97	VT3 F-A & B10. 20	NAD
2-ISI- 43B RC Pump 22	H- 6 Pad 3	97-0038 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 43B RC Pump 22	H- 3 Col 3 Tie Back	97-0039 01/29/97	VT3 F-A, CL I	NAD
2-ISI- 7A Spray To P2r Br A	H- 6 Double Rigid	97-0040 (A) 01/30/97	VT3 F-A, CL I No Load	IND

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2-ISI- 7A Spray To Pzr Br A	H- 6 Double Rigid	97-0040R1 (A) 02/24/97	VT3 F-A, CL I	NAD
2-ISI- 10A RHR HL Takeoff A	B- 1 Valve Bolting	97-0041 (A) 01/30/97	VT1 B 7. 70	NAD
2-ISI- 7B Spray To Pzr Br A	H- 1 Seismic Restraint	97-0042 (A) 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 13A Cold Leg Charging B	H- 8 Double Spring	97-0043 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 7C Spray To Pzr Br A	H- 7 Rod/Clamp	97-0044 01/30/97	VT3 F-A, CL I	NAD
2-ISI- 17 RTD Return Loop B	W-11 Nozzle to Pipe	97-0045 01/30/97	PT B 9. 32	NAD
2-ISI- 31 Pressurizer Surge	W- 9 Pipe To 45 Elbow	97-0046 01/30/97	PT B 9. 11	NAD
2-ISI- 11 Accum Discharge A	H- 2 Seismic Restraint	97-0047 01/30/97	VT3 F-A, CL I Lack of thread engagement	IND
2-ISI- 11 Accum Discharge A	H- 2 Seismic Restraint	97-0047R1 02/07/97	VT3 F-A, CL I Examined after repair.	NAD
2-ISI- 11 Accum Discharge A	B- 1 Valve Bolts	97-0048 01/30/97	VT1 B 7. 70	NAD
2-ISI- 7C Spray To Pzr Br A	W- 4 Pipe to 45 Elbow	97-0049 01/30/97	PT B 9. 21	NAD
2-ISI- 7C Spray To Pzr Br A	W- 2 Pipe to 45 Elbow	97-0050 01/30/97	PT B 9. 21	NAD
2-ISI- 31 Pressurizer Surge	W- 9 Pipe To 45 Elbow	97-0051 01/30/97	UT45 B 9. 11	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0052 01/31/97	PT B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0053 01/31/97	PT B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	H- 1 Crossover Support	97-0054 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 94A Reactor Vessel SIS A	H- 4 Snubber/Clamp	97-0055 01/31/97	VT3 F-A, CL II Loose bolt	IND
2-ISI- 94A Reactor Vessel SIS A	H- 4 Snubber/Clamp	97-0055R1 02/03/97	VT3 F-A, CL II Engineering Evaluation	NAD
2-ISI- 20C RHR HL Takeoff B	B- 1 Valve Bolts	97-0056 01/31/97	VT1 B 7. 70	NAD
2-ISI- 10B RHR HL Takeoff A	H- 3 Restraint	97-0057 (A) 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 10B RHR HL Takeoff A	H- 2 Snubber/Clamp	97-0058 (A) 01/31/97	VT3 F-A, CL I	NAD
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0059 01/31/97	VT3 F-A & C 3. 20	NAD

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2-ISI- 91 SIS Loop A	H- 3 Rod/Clamp	97-0060 01/31/97	VT3 F-A, CL II	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0061 01/31/97	UT0 B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 6/2LSU Elbow To Pump	97-0062 01/31/97	UT45 B 9. 10 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0063 01/31/97	UT0 B 9. 10	NAD
2-ISI- 32B Reactor Coolant A	W- 5/2LSD Pipe To Elbow	97-0064 01/31/97	UT45 B 9. 10	NAD
2-ISI- 42 Reactor Vessel	W- 1 Vessel Shell-Flange	97-0065 02/01/97	UT0 B 1. 30	NAD
2-ISI- 42 Reactor Vessel	Threads Threads in Flange	97-0066 02/01/97	UT0 B 6. 40	NAD
2-ISI- 37C Steam Generator 21	H- 7 Pad 1	97-0067 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37D Steam Generator 22	R- 9 Girder	97-0068 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 37C Steam Generator 21	H-28 Col 4 Base	97-0069 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 13D Cold Leg Charging B	H- 4 Rigid/Clamp	97-0070 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 43A RC Pump 21	B- 4 Upper Seal House	97-0071 (A) 02/03/97	VT1 B 7. 60 Thread Galling	IND
2-ISI- 43A RC Pump 21	B- 4 Upper Seal House	97-0071R1 (A) 02/04/97	VT1 B 7. 60 Engineering Evaluation	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0072 02/03/97	UT0 B 5. 70 Limited Exam	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0073 02/03/97	UT45 B 5. 70 Limited Exam	NAD
2-ISI- 37D Steam Generator 22	H- 4 Snubber 4	97-0074 02/03/97	VT3 F-A, CL I	NAD
2-ISI- 49 Feedwater B	H- 8 Seismic Restraint	97-0075 02/03/97	VT3 F-A & C 3. 20 Limited Exam	NAD
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0076 02/04/97	MT C 5. 51 Linear Ind	IND
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0076R1 02/12/97	MT C 5. 51 Exam after repair	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0077 02/04/97	MT B 1. 40	NAD
2-ISI- 25 Reactor Vessel SIS A	W- 9 Pipe to Elbow	97-0078 02/05/97	PT B 9. 21	NAD
2-ISI- 25 Reactor Vessel SIS A	W- 6 Elbow to Pipe	97-0079 02/05/97	PT B 9. 21	NAD

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2-ISI- 13D Cold Leg Charging B	W- 4 Pipe to Elbow	97-0080 02/05/97	PT B 9. 21	NAD
2-ISI- 13D Cold Leg Charging B	W- 5 Elbow to Pipe	97-0081 02/05/97	PT B 9. 21	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0082 02/05/97	MT C 2. 21	NAD
2-ISI- 47A Main Steam B	W- 4/LSUD Elbow to Pipe	97-0083 02/05/97	MT C 5. 50	NAD
2-ISI- 32B Reactor Coolant A	W- 1 Nozzle To Elbow	97-0084 02/05/97	PT B 5. 70	NAD
2-ISI- 7C Spray To Pzr Br A	H- 3 Rod/Clamp	97-0085 (A) 02/05/97	VT3 F-A, CL I	NAD
2-ISI- 7A Spray To Pzr Br A	H- 5 Seismic Anchor	97-0086 (A) 02/05/97	VT3 F-A, CL I	NAD
2-ISI- 90C SI 21 Discharge	W-22 Elbow to Pipe	97-0087 02/05/97	PT C 5. 21	NAD
2-ISI- 20C RHR HL Takeoff B	W- 2 Elbow to Pipe	97-0088 02/05/97	PT B 9. 11	NAD
2-ISI- 47A Main Steam B	W- 4/LSUD Elbow to Pipe	97-0089 02/05/97	UT45 C 5. 50 Limited Exam	NAD
2-ISI- 20B RHR HL Takeoff B	H- 4 Restraint	97-0090 02/06/97	VT3 F-A, CL I	NAD
2-ISI- 20B RHR HL Takeoff B	W- 6 Elbow to Pipe	97-0091 02/06/97	PT B 9. 11	NAD
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0092 02/06/97	MT F-A & C 3. 20 Linear Ind	IND
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0092R1 02/14/97	MT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0093 02/06/97	MT F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H-10 Restraint Bracket	97-0094 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H- 9 Rupture Restraint	97-0095 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 48 Feedwater A	H- 2 Rupture Restraint	97-0096 02/06/97	VT3 F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H- 9 Rupture Restraint	97-0097 02/06/97	MT F-A & C 3. 20	NAD
2-ISI- 46A Main Steam A	H-10 Restraint Bracket	97-0098 02/07/97	MT F-A & C 3. 20	NAD
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0099 02/07/97	VT3 F-A & C 3. 20 Gap in wall plate	IND
2-ISI- 48 Feedwater A	H- 3 Seismic Anchor	97-0099R1 03/13/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD

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2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0100 02/07/97	PT F-A & C 3. 20 Spot Ind	IND
2-ISI- 72 RV Safety Injection	H- 1 Single Support	97-0100R1 02/18/97	PT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 72 RV Safety Injection	W- 1 Valve to Elbow	97-0101 02/07/97	PT C 5. 11	NAD
2-ISI- 7D Spray To Pzr Br A	H- 1 Snubber/Clamp	97-0102 (A) 02/07/97	VT3 F-A, CL I	NAD
2-ISI- 94B Reactor Vessel SIS B	W- 1 Valve to Pipe	97-0103 02/07/97	PT C 5. 30	NAD
2-ISI- 7D Spray To Pzr Br A	W- 3 Pipe to 45 Elbow	97-0104 02/07/97	PT B 9. 21	NAD
2-ISI- 94A Reactor Vessel SIS A	W-13 Pipe to Elbow	97-0105 02/07/97	PT C 5. 21	NAD
2-ISI- 91 SIS Loop A	W-10 Pipe to Elbow	97-0106 02/08/97	PT C 5. 21	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0107 02/20/97	UT0 B 1. 40 Limited Exam	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0108 02/08/97	UT45 B 1. 40 Limited Exam	NAD
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0109 02/07/97	UT60 B 1. 40 Linear Ind, Limited Exam	IND
2-ISI- 41 RV Closure Head	W- 6 Head to Flange	97-0109R1 03/07/97	UT60 B 1. 40 Limited Exam	NAD
2-ISI- 39 Reactor Vessel	RV Studs 1-48 Studs	97-0110 02/10/97	MT B 6. 30	NAD
2-ISI- 39 Reactor Vessel	RV Studs 1-48 Studs	97-0111 02/11/97	UT0 B 6. 30	NAD
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Keyway & Bore	97-0112 02/11/97	UT0 TS.4.2-1	NAD
2-ISI- 39 Reactor Vessel	RV Nuts 1-48 Nuts	97-0113 02/11/97	MT B 6. 10 Limited Exam	NAD
2-ISI- 39 Reactor Vessel	RV Wshrs 1-48 Washers	97-0114 02/11/97	VT1 B 6. 50	NAD
2-ISI- 47A Main Steam B	H- 5 Rupture Restraint	97-0115 02/14/97	VT3 F-A & C 3. 20 Gap in wall plate, Limited Exam	IND
2-ISI- 47A Main Steam B	H- 5 Rupture Restraint	97-0115R1 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 3 CL RTD Takeoff A	W- 7 Pipe To Elbow	97-0116 02/10/97	PT B 9. 21	NAD
2-ISI- 3 CL RTD Takeoff A	W- 3 Pipe To Valve	97-0117 02/10/97	PT B 9. 40	NAD
2-ISI- 3 CL RTD Takeoff A	W- 8 Elbow To Pipe	97-0118 02/10/97	PT B 9. 21	NAD

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2-ISI- 91 SIS Loop A	W-10 Pipe to Elbow	97-0119 02/12/97	UT45 C 5. 21	NAD
2-ISI- 94A Reactor Vessel SIS A	W-13 Pipe to Elbow	97-0120 02/12/97	UT45 C 5. 21	NAD
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0121 (A) 02/12/97	PT B 9. 11 Linear Ind	IND
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0121R1 (A) 02/17/97	PT B 9. 11 Examined after minor buffing	NAD
2-ISI- 90C SI 21 Discharge	W-22 Elbow to Pipe	97-0122 02/12/97	UT45 C 5. 21	NAD
2-ISI- 43A RC Pump 21	B- 1 Flange Bolts	97-0123 02/13/97	UTO B 6.180	NAD
2-ISI- 43B RC Pump 22	B- 1 Flange Bolts	97-0124 02/13/97	UTO B 6.180	NAD
2-ISI- 2 Crossover Drain A	W-11 Pipe To Red Tee	97-0125 02/14/97	PT B 9. 21	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0126 02/13/97	MT F-A & C 3. 20	NAD
2-ISI- 43B RC Pump 22	B- 4 Upper Seal House	97-0127 02/14/97	VT1 B 7. 60	NAD
2-ISI- 43B RC Pump 22	B- 3 Lower Seal House	97-0128 02/14/97	VT1 B 7. 60	NAD
2-ISI- 37A Steam Generator 21	B- 1 Inlet Manway Bolts	97-0129 02/14/97	VT1 B 7. 30	NAD
2-ISI- 37A Steam Generator 21	N- 6 IR Nozzle Inner Radius	97-0130 02/13/97	UTO B 3.140 Limited Exam	GEO
2-ISI- 37B Steam Generator 22	N- 1 IR FW Nozzle Inner Radi	97-0131 02/14/97	UTO C 2. 22	GEO
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0132 02/03/97	UT45 B 2. 40 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-A Tube Sheet to Head	97-0133 02/04/97	UT60 B 2. 40 Limited Exam	NAD
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0134 02/14/97	VT3 F-A & C 3. 20 Gap in wall plate	IND
2-ISI- 47A Main Steam B	H- 4 Rupture Restraint	97-0134R1 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0135 01/29/97	UTO B 2. 40 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W A Tub. Sheet to Head	97-0136 01/30/97	UT45 B 2. 40 Linear Ind, Limited Exam	IND
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0136R1 03/07/97	UT45 B 2. 40 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0137 02/01/97	UT60 B 2. 40 Linear Ind, Limited Exam	IND

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2-ISI- 37B Steam Generator 22	W-A Tube Sheet to Head	97-0137R1 03/07/97	UT60 B 2. 40 Limited Exam	NAD
2-ISI- 7F Spray To Pzr Br A	H- 1 Double Spring/Clamp	97-0138 02/15/97	VT3 F-A, CL I	NAD
2-ISI- 7F Spray To Pzr Br A	W- 3 Pipe to Elbow	97-0139 02/15/97	PT B 9. 21	NAD
2-ISI- 7F Spray To Pzr Br A	W- 4 Elbow to Pipe	97-0140 02/15/97	PT B 9. 21	NAD
2-ISI- 30B Pressurizer Safety B	W- 2 Safe End To 45 Elbow	97-0141 02/15/97	PT B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	W- 1 Nozzle - Safe End	97-0142 02/15/97	PT B 5. 40	NAD
2-ISI- 30B Pressurizer Safety B	W- 7 Pipe to Elbow	97-0143 02/15/97	PT B 9. 11	NAD
2-ISI- 30B Pressurizer Safety B	B- 1 Flange Bolts	97-0144 02/15/97	VT1 B 7. 50	NAD
2-ISI- 35 Pressurizer	B- 1 Manway Bolts	97-0145 02/15/97	VT1 B 7. 20	NAD
2-ISI- 30B Pressurizer Safety B	B- 2 Valve Studs	97-0146 02/15/97	VT1 B 7. 70	NAD
2-ISI- 35 Pressurizer	N- 4B IR Safety Nozzle	97-0147 02/15/97	UT0 B 3.120 18 and 25 degree	NAD
2-ISI- 46B Main Steam A	W- 8/LSU Pipe to Valve	97-0148 02/24/97	UT45 C 5. 50	NAD
2-ISI- 47A Main Steam B	H- 1 Rupture Restraint	97-0149 (A) 02/17/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47A Main Steam B	H- 3 Seismic Restraint	97-0150 (A) 02/17/97	VT3 F-A & C 3. 20	NAD
2-ISI- 43A RC Pump 21 Flywheel	Pump # 21 Periphery	97-0151 (A) 02/17/97	MT TS.4.2-1 Linear Ind	IND
2-ISI- 43A RC Pump 21 Flywheel	Pump # 21 Periphery	97-0151R1 (A) 03/05/97	MT TS.4.2-1 Engineering Evaluation	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0152 02/15/97	UT0 C 1. 20 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0153 02/15/97	UT45 C 1. 20 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0154 02/15/97	UT0 C 2. 21	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0155 02/15/97	UT45 C 2. 21 Limited Exam	NAD
2-ISI- 37B Steam Generator 22	N- 1 Feedwater Nozzle	97-0156 02/15/97	UT60 C 2. 21 Limited Exam	NAD
2-ISI- 37A Steam Generator 21	W-H Top Head to Shell	97-0157 02/15/97	UT60 C 1. 20 Limited Exam	NAD

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2-ISI- 47B Main Steam B	W-22 Elbow to Pipe	97-0158 02/17/97	MT C 5. 51	NAD
2-ISI- 47B Main Steam B	W-23 Pipe to Valve	97-0159 02/17/97	MT C 5. 51	NAD
2-ISI- 47B Main Steam B	W-27 Pipe-Flanged Nozzle	97-0160 02/17/97	MT C 5. 80 Limited Exam	NAD
2-ISI- 46B Main Steam A	W-16/LSU Pipe to Cap	97-0161 02/24/97	UT45 C 5. 50	NAD
2-ISI- 47A Main Steam B	H- 8 Rupture Restraint	97-0162 (A) 02/17/97	VT3 F-A & C 3. 20 Gap in wall plate, Limited Exam	IND
2-ISI- 47A Main Steam B	H- 8 Rupture Restraint	97-0162R1 (A) 03/06/97	VT3 F-A & C 3. 20 Engineering Evaluation	NAD
2-ISI- 38 RV Conoseal Bolting	B- 1 Marmon Clamp @ 120	97-0163 02/18/97	VT1 B 7. 10	NAD
2-ISI- 30B Pressurizer Safety B	W- 1 Nozzle - Safe End	97-0164 02/17/97	UT45 B 5. 40 Limited Exam	NAD
2-ISI- 30B Pressurizer Safety B	W- 2 Safe End To 45 Elbow	97-0165 02/17/97	UT45 B 9. 11 Limited Exam	NAD
2-ISI- 30B Pressurizer Safety B	W- 7 Pipe to Elbow	97-0166 02/17/97	UT45 B 9. 11	NAD
2-ISI- 49 Feedwater B	W-25 Reducer to Nozzle	97-0167 02/17/97	UT45 C 5. 51 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0168 02/18/97	UT0 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0169 02/18/97	UT0 B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0170 02/18/97	UT0 B 2. 11 Limited Exam	NAD
2-ISI- 72 RV Safety Injection	W- 1 Valve to Elbow	97-0171 02/18/97	UT45 C 5. 11 Limited exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0172 02/18/97	UT45 B 2. 12	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0173 02/18/97	UT45 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0174 02/18/97	UT45 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 5 Top Head to Shell	97-0175 02/18/97	UT60 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 3 Bottom Head to Shell	97-0176 02/18/97	UT60 B 2. 11 Limited Exam	NAD
2-ISI- 36 Pressurizer Vessel	W- 1 Vertical Shell Weld	97-0177 02/18/97	UT60 B 2. 12	NAD
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0178 02/19/97	MT F-A & C 3. 20 Linear Ind	IND

Prairie Island Nuclear Generating  
1717 Wakonade Drive  
Welch, MN 55089

Inservice Inspection Report Log  
Third Interval By Report #  
Commercial Service Date: December 20, 1974

Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0178R1 02/24/97	MT F-A & C 3. 20 Exam after repair	NAD
2-ISI- 20C RHR HL Takeoff B	W- 2 Elbow to Pipe	97-0179 02/19/97	UT45 B 9. 11	NAD
2-ISI- 20B RHR HL Takeoff B	W- 6 Elbow to Pipe	97-0180 02/19/97	UT45 B 9. 11	NAD
2-ISI- 20A RHR HL Takeoff B	W- 8 Pipe to Elbow	97-0181 (A) 02/19/97	UT45 B 9. 11	NAD
2-ISI- 47B Main Steam B	W-23 Pipe to Valve	97-0182 02/19/97	UT45 C 5. 51 Limited Exam	NAD
2-ISI- 47B Main Steam B	W-22 Elbow to Pipe	97-0183 02/19/97	UT45 C 5. 51	NAD
2-ISI- 47B Main Steam B	H- 4 Header Restraint	97-0184 02/20/97	VT3 F-A, CL II	NAD
2-ISI- 47B Main Steam B	H- 1 Rupture Restraint	97-0185 02/20/97	VT3 F-A & C 3. 20	NAD
2-ISI- 42 Reactor Vessel	RV- 1 Interior	97-0186 02/08/97	VT3 B13. 10 Surface Flaws	IN
2-ISI- 42 Reactor Vessel	RV- 1 Interior	97-0186R1 03/06/97	VT3 B13. 10 Engineering Evaluation	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0187 02/20/97	VT3 F-A & C 3. 20	NAD
2-ISI- 47B Main Steam B	H- 3 Constant Support	97-0188 (A) 02/20/97	VT3 F-A, CL II	NAD
2-ISI- 46B Main Steam A	H- 6 Double Snubber/Clamp	97-0189 02/20/97	VT3 F-A, CL II Loose Parts	IND
2-ISI- 46B Main Steam A	H- Double Snubber/Clamp	97-0189R1 02/26/97	VT3 F-A, CL II Exam after repair	NAD
2-ISI- 46B Main Steam A	W- 8/LSU Pipe to Valve	97-0190 02/21/97	MT C 5. 50	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0191 02/21/97	MT F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	H- 5 Rupture Restraint	97-0192 02/21/97	PT F-A & C 3. 20	NAD
2-ISI- 46B Main Steam A	W-16/LSU Pipe to Cap	97-0193 02/21/97	MT C 5. 50	NAD
2-ISI- 37B Steam Generator 22	W- F VT Trans Weld Int VT	97-0194 (A) 02/21/97	VT1 NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	N- 1 Ring Tee FW Ring Tee/Supports	97-0195 (A) 02/21/97	MT NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	N- 1 Ring Tee FW Ring Tee/Supports	97-0196 (A) 02/21/97	VT3 NC IN 93-20	NAD
2-ISI- 37B Steam Generator 22	N- 1 IN-IR Feedwater Nozzle	97-0197 (A) 02/21/97	MT NC IN 93-10 Limited Exam	NAD

Prairie Island Nuclear Generating  
1717 Wakonade Drive  
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Inservice Inspection Report Log  
Third Interval By Report #  
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Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401

ISO System	Item Item Description	Report Number Exam Date	Method ASME Section XI Item	Results
2-ISI- 6CB SI Pump 22	H- 6 Support F	97-0198 02/25/97	MT F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 5 Support E	97-0199 02/25/97	MT F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 6 Support F	97-0200 02/25/97	VT3 F-A & C 3. 30	NAD
2-ISI- 60B SI Pump 22	H- 5 Support E	97-0201 02/25/97	VT3 F-A & C 3. 30	NAD
2-ISI- 22B Regulator Disch B	B- 1 Valve Bolts	97-0202 (A) 02/26/97	VT1 B 7. 70	NAD
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Periphery	97-0203 02/11/97	UT0 TS.4.2-1	NAD
2-ISI- 43B RC Pump 22 Flywheel	Pump # 22 Body	97-0204 02/11/97	UT0 TS.4.2-1	NAD
2-ISI- 32A Reactor Coolant A	W- 2 Safe End To Pipe	97-0205 02/27/97	PT B 9. 11	NAD
2-ISI- 32A Reactor Coolant A	W- 1 Nozzle To Safe End	97-0206 02/27/97	PT B 5. 10	NAD
2-ISI- 32A Reactor Coolant B	W- 2 Safe End To Pipe	97-0207 02/27/97	PT B 9. 11	NAD
2-ISI- 33A Reactor Coolant B	W- Nozzle To Safe End	97-0208 02/27/97	PT B 5. 10	NAD
2-ISI- 25 Reactor Vessel SIS A	H- 1 Spring/Clamp	97-0209BL 03/07/97	VT3 F-A, CL I	NAD

APPENDIX D

LIST OF SECTION XI VT-2 EXAMINATIONS

1 Page

## ISI PRESSURE TEST PROGRAM

Summary Description of Inservice Pressure tests performed on Prairie Island Unit 2, Piping Systems per Surveillance procedures and Work Orders noted below. All listed pressure tests were satisfactory.

<u>SYSTEM</u>	<u>CLASS</u>	<u>DESCRIPTION</u>	<u>PROCEDURE</u>	<u>DRAWING</u>	<u>DATE</u>
RC	1	Reactor Coolant	2070	NF-39835	3/26/97
CC	2	Component Cooling	2168.4A	NF-39844-1	1/25/97
RH	2	Residual Heat Removal	2168.1	NF-39840	2/2/97
MS	2	Main Steam	2168.21	NF-39842	1/25/97
SI	2	SI Accumulator	2168.12	NF-39838	1/25/97
SI	2	Safety Injection	2168.13	NF-39838	2/2/97
CS	2	Containment Spray	2168.14	NF-39824	2/24/97
HC	2	POST LOCA	2168.15	NF-39830	2/11/97
SS	2	Sampling System	2168.19	NF-39825	1/25/97
WL	2	Waste Liquid	2168.22	NF-39829	1/25/97
ZC	2	Containment Penetrations	WO 9614749	NF-39847	3/4/97
SI	2	RWST Pipe	WO 9614795	NF-39839	3/4/97
RC	2	Reactor Head Vent	2168.23	NF-39835	3/26/97

APPENDIX E

RESULTS OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS

68 Pages

## RESULTS OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS

### 9701 REFUEL OUTAGE

During the January 1997 scheduled refueling outage 100% of all accessible tubes in steam generator 21 and 22 were examined full length as part of the inservice inspection. The examination was conducted utilizing the multifrequency eddy current technique. The inspection program was as follows:

1. Bobbin Coil Examinations - The bobbin coil technique was used to examine all tubes full length, except the U-Bend region of rows 1 and 2. These bobbin coil examinations were completed using magnetically biased 0.720 inch, 0.700 inch 0.680 inch and 0.650 inch diameter probes.

2. MRPC Examinations - The 0.680 inch dual motion Plus Point MRPC technique was used to examine the U-Bend region of rows 1 and 2 and also row 4 column 52. The 0.720 inch 3-Coil (0.115" mid range pancake / Plus Point mid range / 0.080" high frequency shielded pancake) MRPC technique was used to examine 100% of the hot leg tubes and 20% of the cold leg tubes from four inches above the secondary tube sheet face through the tube end. The 0.600 inch (Plus Point mid range magnetically biased) MRPC technique was used to examine all B&W Inconel 600 (hot leg and cold leg) roll plugs.

3. Supplemental Examinations - The 0.720 inch 3-Coil MRPC technique was used to supplement the bobbin coil data to further characterize: absolute drift, dents, manufacturing burnish marks, possible loose parts, undefined and distorted indications. The 0.720 inch magnetically biased 3-Coil MRPC technique was used to disposition MRPC indications of tube noise and permeability. The 0.730 inch combination probe (bobbin / 0.115" mid range pancake / Plus Point mid range) was used on tubes rerolled this outage. The 0.720 inch bobbin coil was used to profile all tubes previously rerolled.

Rockridge Technologies, Inc. was contracted to acquire and evaluate the eddy current data. Zetec was contracted to perform a completely independent evaluation of all data acquired by Rockridge 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-30 digital test equipment along with associated acquisition software. The analysis was completed using Zetec, Inc. EDDYNET95 version 3.0 including Patch\_E95\_3.13 with MIZ-30 ANALYSIS proto 3I dated 1/2/97, RPC proto 3H dated 12/24/96, CDS rev. 2A dated 10/28/96 and BOBBIN PROFILE proto 3C dated 10/28/96.

A summary of the distribution of indications can be found in Table I and cumulative lists for each category are listed on page 15 and attached.

A summary of the distribution of indication disposition can be found in Table II.

Lists of: tubes successfully rerolled at the lower elevation (AR1), tubes successfully rerolled at second elevation (AR2), tubes plugged this outage, and tubes plugs removed and reinstalled this outage can be found in Tables III through VI respectively.

A summary of the total tubes plugged to date (0297) can be found in Table VII.

NORTHERN STATES POWER  
INSERVICE INSPECTION

SUMMARY REPORT  
PRAIRIE ISLAND UNIT #2, 1997

TABLE I  
Distribution of indications 0197 outage

S/G NO.	1 - 19%	20 - 29%	30 - 39%	40 - 100%	CODES
21	46	58	39	5	533①
22	65	66	39	7	284②

CODES INCLUDE: MAI,MAN,MCI,SAI,SAN,SCI,VOL & VON

① = Includes INF of Historical F\*1 Tube (3-47) and 3 tubes from 40 - 100% category

② = Include PVN of In Situ Tube (9-13) and 5 tubes from 40 - 100% category

TABLE II  
Distribution of indication Disposition 0197 outage

S/G NO.	40 - 50%	F*0	F*1	F*2	PLUG
21	2	82	403	15	33
22	1	53	192	16	24

40-50%: tubes left inservice - old AVB wear below Tech. Spec. Limit

TABLE III  
Tubes Successfully Rerolled at lower elevation (AR1) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	5	10	SAN	1BH - 1.3TO- 1.2	F*1
21	H	12	10	INR	1BH - 1.3	F*1
21	H	14	11	MAN	1BH - 1.2TO- 1.1	F*1
21	H	11	12	SAN	1BH - 1.1TO- 1.1	F*1
21	H	2	14	SAN	1BH - 3.6TO- 3.4	F*1
21	H	7	14	SAN	1BH - 3.7TO- 3.6	F*1
21	H	1	16	SAN	1BH - 1.3TO- 1.3	F*1
21	H	8	16	MAN	1BH - 1.2TO- 1.1	F*1
21	H	17	16	SAN	1BH - 1.3TO- 1.2	F*1
21	H	18	17	INR	1BH - 1.3	F*1
21	H	19	17	SAN	1BH - 1.3TO- 1.2	F*1
21	H	25	17	SAN	1BH - 3.6TO- 3.5	F*1
21	H	1	18	MAN	1BH - 1.2TO- 1.2	F*1
21	H	19	18	MAN	1BH - 1.3TO- 1.2	F*1
21	H	27	18	SAN	1BH - 1.2TO- 1.1	F*1
21	H	4	19	SAN	1BH - 1.3TO- 1.2	F*1
21	H	6	19	MAN	1BH - 1.3TO- 1.2	F*1
21	H	9	19	MAN	1BH - 1.3TO- 1.2	F*1
21	H	23	19	SAN	1BH - 1.1TO- 1.0	F*1
21	H	25	19	MAN	1BH - 1.3TO- 1.2	F*1
21	H	27	19	MAN	1BH - 1.3TO- 1.1	F*1
21	H	31	19	INR	1BH - 1.3	F*1
21	H	4	20	SAN	1BH - 1.0TO- 0.9	F*1
21	H	9	20	SAN	1BH - 1.3TO- 1.2	F*1
21	H	11	21	SAN	1BH - 1.3TO- 1.2	F*1
21	H	14	21	SAN	1BH - 1.3TO- 1.2	F*1
21	H	26	21	SAN	1BH - 1.3TO- 1.2	F*1

NORTHERN STATES POWER  
INSERVICE INSPECTION

SUMMARY REPORT  
PRAIRIE ISLAND UNIT #2, 1997

TABLE III Continued  
Tubes Successfully Rerolled at lower elevation (AR1) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	31	21	SAN	1BH - 1.3TO- 1.2	F*1
21	H	8	23	INR	1BH - 1.3	F*1
21	H	12	23	MAN	1BH - 1.2TO- 1.2	F*1
21	H	24	23	SAN	1BH - 3.5TO- 3.4	F*1
21	H	30	23	MAN	1BH - 1.0TO- 0.9	F*1
21	H	31	23	INR	1BH - 1.2	F*1
21	H	3	24	MAN	1BH - 1.5TO- 1.5	F*1
21	H	30	24	MAN	1BH - 1.3TO- 1.2	F*1
21	H	8	25	SAN	1BH - 1.5TO- 1.5	F*1
21	H	14	25	MAN	1BH - 1.3TO- 1.2	F*1
21	H	4	26	SAN	1BH - 1.3TO- 1.2	F*1
21	H	5	26	SAN	1BH - 1.3TO- 1.3	F*1
21	H	18	26	MAN	1BH - 1.3TO- 1.2	F*1
21	H	12	27	MAN	1BH - 1.3TO- 1.2	F*1
21	H	26	27	MAN	1BH - 1.3TO- 1.2	F*1
21	H	27	27	MAN	1BH - 1.3TO- 1.2	F*1
21	H	6	28	SAN	1BH - 1.3TO- 1.3	F*1
21	H	18	28	MAN	1BH - 1.3TO- 1.2	F*1
21	H	20	28	SAN	1BH - 1.3TO- 1.2	F*1
21	H	23	29	MAN	1BH - 1.3TO- 1.1	F*1
21	H	26	29	INR	1BH - 1.2	F*1
21	H	27	29	MAN	1BH - 1.3TO- 1.2	F*1
21	H	31	29	MAN	1BH - 1.3TO- 1.2	F*1
21	H	1	30	MAN	1BH - 1.4TO- 1.4	F*1
21	H	3	30	MAN	1BH - 1.3TO- 1.2	F*1
21	H	21	30	MAN	1BH - 1.3TO- 1.2	F*1
21	H	22	31	SAN	1BH - 1.4TO- 1.2	F*1
21	H	37	31	INR	1BH - 1.2	F*1
21	H	25	32	SAN	1BH - 1.3TO- 1.2	F*1
21	H	4	36	MAN	1BH - 1.3TO- 1.3	F*1
21	H	7	36	INR	1BH - 1.3	F*1
21	H	4	37	SAN	1BH - 1.3TO- 1.3	F*1
21	H	27	37	MAN	1BH - 1.3TO- 1.2	F*1
21	H	1	38	MAN	1BH - 1.4TO- 1.3	F*1
21	H	24	38	SAN	1BH - 1.2TO- 1.2	F*1
21	H	9	39	SAN	1BH - 1.3TO- 1.2	F*1
21	H	3	40	MAN	1BH - 1.3TO- 1.3	F*1
21	H	12	40	MAN	1BH - 1.5TO- 1.4	F*1
21	H	3	41	SAN	1BH - 1.3TO- 1.3	F*1
21	H	14	41	MAN	1BH - 0.9TO- 0.2	F*1
21	H	3	42	MAN	1BH - 1.3TO- 1.2	F*1
21	H	8	42	MAN	1BH - 1.3TO- 1.2	F*1

NORTHERN STATES POWER  
INSERVICE INSPECTION

SUMMARY REPORT  
PRAIRIE ISLAND UNIT #2, 1997

TABLE III Continued  
Tubes Successfully Rerolled at lower elevation (AR1) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	9	42	SAN	1BH - 1.2TO- 1.1	F*1
21	H	12	43	INR	1BH - 1.2	F*1
21	H	4	44	MAN	1BH - 1.3TO- 1.2	F*1
21	H	8	44	SAN	1BH - 1.1TO- 1.1	F*1
21	H	12	44	MAN	1BH - 1.3TO- 1.2	F*1
21	H	21	44	INR	1BH - 1.3	F*1
21	H	14	45	SAN	1BH - 1.3TO- 1.3	F*1
21	H	13	45	MAN	1BH - 1.3TO- 1.2	F*1
21	H	34	45	INR	1BH - 1.5	F*1
21	H	6	46	MAN	1BH - 1.6TO- 1.5	F*1
21	H	21	46	SAN	1BH - 1.3TO- 1.2	F*1
21	H	22	46	SAN	1BH - 1.3TO- 1.2	F*1
21	H	23	47	INR	1BH - 1.2	F*1
21	H	24	47	MAN	1BH - 1.3TO- 1.3	F*1
21	H	36	47	INR	1BH - 1.8	F*1
21	H	37	47	SAN	1BH - 1.7TO- 1.6	F*1
21	H	12	48	MAN	1BH - 1.3TO- 1.2	F*1
21	H	29	49	MAN	1BH - 1.3TO- 1.1	F*1
21	H	31	49	SAN	1BH - 1.3TO- 1.2	F*1
21	H	21	50	SAN	1BH - 1.3TO- 1.3	F*1
21	H	25	50	SAN	1BH - 1.3TO- 1.2	F*1
21	H	11	51	SAN	1BH - 1.9TO- 1.7	F*1
21	H	14	51	INR	1BH - 1.2	F*1
21	H	5	52	MAN	1BH - 1.7TO- 1.6	F*1
21	H	11	52	MAN	1BH - 1.7TO- 1.6	F*1
21	H	22	52	SAN	1BH - 1.3TO- 1.2	F*1
21	H	14	54	MAN	1BH - 1.4TO- 1.3	F*1
21	H	21	54	MAN	1BH - 1.1TO- 1.1	F*1
21	H	7	55	SAN	1BH - 1.6TO- 1.5	F*1
21	H	23	55	MAN	1BH - 1.3TO- 1.2	F*1
21	H	2	56	MAN	1BH - 1.3TO- 1.2	F*1
21	H	4	56	MAN	1BH - 1.6TO- 1.5	F*1
21	H	16	56	SAN	1BH - 1.3TO- 1.3	F*1
21	H	4	57	SAN	1BH - 1.3TO- 1.3	F*1
21	H	7	57	MAN	1BH - 1.4TO- 1.3	F*1
21	H	14	57	SAN	1BH - 1.3TO- 1.3	F*1
21	H	15	57	MAN	1BH - 1.4TO- 1.3	F*1
21	H	17	57	SAN	1BH - 1.3TO- 1.3	F*1
21	H	11	58	INR	1BH - 1.2	F*1
21	H	1	59	MAN	1BH - 1.4TO- 1.3	F*1
21	H	3	59	SAN	1BH - 1.3TO- 1.2	F*1
21	H	9	59	MAN	1BH - 1.4TO- 1.3	F*1

NORTHERN STATES POWER  
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PRAIRIE ISLAND UNIT #2, 1997

TABLE III Continued  
Tubes Successfully Rerolled at lower elevation (AR1) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	4	61	INR	1BH - 1.3	F*1
21	H	31	61	VON	1BH - 1.7TO- 1.5	F*1
21	H	13	62	MAN	1BH - 1.4TO- 1.3	F*1
21	H	9	63	SAN	1BH - 1.4TO- 1.3	F*1
21	H	14	63	MAN	1BH - 1.4TO- 1.4	F*1
21	H	16	63	SAN	1BH - 1.4TO- 1.3	F*1
21	H	34	64	INR	1BH - 1.2	F*1
21	H	4	65	SAN	1BH - 1.4TO- 1.4	F*1
21	H	14	65	INR	1BH - 1.2	F*1
21	H	17	66	SAN	1BH - 1.4TO- 1.4	F*1
21	H	18	66	SAN	1BH - 1.4TO- 1.3	F*1
21	H	1	67	MAN	1BH - 1.3TO- 1.3	F*1
21	H	5	67	MAN	1BH - 1.4TO- 1.3	F*1
21	H	11	67	SAN	1BH - 1.3TO- 1.3	F*1
21	H	25	67	INR	1BH - 1.3	F*1
21	H	12	69	MAN	1BH - 1.4TO- 1.3	F*1
21	H	17	69	SAN	1BH - 1.3TO- 1.3	F*1
21	H	6	70	MAN	1BH - 1.4TO- 1.4	F*1
21	H	9	70	INR	1BH - 1.2	F*1
21	H	5	71	MAN	1BH - 1.4TO- 1.3	F*1
21	H	9	71	SAN	1BH - 1.5TO- 1.4	F*1
21	H	5	72	SAN	1BH - 1.4TO- 1.4	F*1
21	H	10	73	SAN	1BH - 1.5TO- 1.5	F*1
21	H	11	77	SAN	1BH - 1.5TO- 1.4	F*1
21	H	3	78	MAN	1BH - 1.5TO- 1.4	F*1
21	H	19	79	MAN	1BH - 1.6TO- 1.5	F*1
21	H	11	81	SAN	1BH - 1.5TO- 1.4	F*1
21	H	9	83	MAN	1BH - 1.5TO- 1.5	F*1
22	H	1	10	SAN	1BH - 2.4TO- 2.3	F*1
22	H	4	14	SAN	1BH - 2.3TO- 2.3	F*1
22	H	25	17	SAN	1BH - 1.4TO- 1.4	F*1
22	H	4	19	SAN	1BH - 2.3TO- 2.2	F*1
22	H	21	19	VON	1BH - 2.7TO- 2.4	F*1
22	H	28	22	SAN	1BH - 1.5TO- 1.5	F*1
22	H	27	24	MAN	1BH - 1.6TO- 1.5	F*1
22	H	21	25	SAN	1BH - 1.5TO- 1.4	F*1
22	H	32	25	SAN	1BH - 1.4TO- 1.4	F*1
22	H	19	26	MAN	1BH - 1.7TO- 1.6	F*1
22	H	22	26	SAN	1BH - 1.6TO- 1.5	F*1
22	H	28	26	SAN	1BH - 1.5TO- 1.5	F*1
22	H	20	27	SAN	1BH - 1.5TO- 1.5	F*1
22	H	19	29	SAN	1BH - 1.7TO- 1.6	F*1

NORTHERN STATES POWER  
INSERVICE INSPECTION

SUMMARY REPORT  
PRAIRIE ISLAND UNIT #2, 1997

TABLE III Continued  
Tubes Successfully Rerolled at lower elevation (AR1) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
22	H	24	29	SAN	1BH - 1.6TO- 1.5	F*1
22	H	29	29	SAN	1BH - 1.6TO- 1.5	F*1
22	H	32	29	SAN	1BH - 1.6TO- 1.5	F*1
22	H	32	30	MAN	1BH - 1.5TO- 1.4	F*1
22	H	35	30	SAN	1BH - 1.4TO- 1.4	F*1
22	H	25	33	SAN	1BH - 1.5TO- 1.5	F*1
22	H	20	36	MAN	1BH - 1.5TO- 1.4	F*1
22	H	27	36	SAN	1BH - 1.5TO- 1.4	F*1
22	H	20	37	SAN	1BH - 1.5TO- 1.4	F*1
22	H	23	37	SAN	1BH - 1.5TO- 1.4	F*1
22	H	37	38	SAN	1BH - 1.4TO- 1.3	F*1
22	H	19	41	SAN	1BH - 1.5TO- 1.5	F*1
22	H	21	41	SAN	1BH - 1.6TO- 1.5	F*1
22	H	1	42	INR	1BH - 1.7	F*1
22	H	22	42	SAN	1BH - 1.5TO- 1.4	F*1
22	H	24	42	SAN	1BH - 1.7TO- 1.7	F*1
22	H	14	44	SAN	1BH - 1.7TO- 1.6	F*1
22	H	27	44	SAN	1BH - 1.6TO- 1.5	F*1
22	H	15	45	MAN	1BH - 1.5TO- 1.4	F*1
22	H	28	45	MAN	1BH - 1.6TO- 1.5	F*1
22	H	17	46	MAN	1BH - 1.6TO- 1.5	F*1
22	H	12	47	SAN	1BH - 1.5TO- 1.4	F*1
22	H	22	48	SAN	1BH - 1.5TO- 1.5	F*1
22	H	29	48	SAN	1BH - 1.6TO- 1.5	F*1
22	H	11	49	MAN	1BH - 1.4TO- 1.3	F*1
22	H	13	49	SAN	1BH - 1.6TO- 1.5	F*1
22	H	23	50	MAN	1BH - 1.6TO- 1.5	F*1
22	H	25	50	SAN	1BH - 2.4TO- 2.3	F*1
22	H	29	50	SAN	1BH - 1.6TO- 1.5	F*1
22	H	34	50	SAN	1BH - 1.6TO- 1.6	F*1
22	H	18	51	MAN	1BH - 1.4TO- 1.3	F*1
22	H	28	51	SAN	1BH - 1.5TO- 1.5	F*1
22	H	3	52	SAN	1BH - 1.4TO- 1.3	F*1
22	H	16	54	MAN	1BH - 1.3TO- 1.2	F*1
22	H	18	54	MAN	1BH - 1.4TO- 1.4	F*1
22	H	24	54	SAN	1BH - 1.6TO- 1.5	F*1
22	H	28	55	VON	1BH - 2.4TO- 2.2	F*1
22	H	27	56	SAN	1BH - 1.7TO- 1.6	F*1
22	H	28	56	SAN	1BH - 1.6TO- 1.5	F*1
22	H	13	57	MAN	1BH - 1.4TO- 1.3	F*1
22	H	18	58	MAN	1BH - 1.3TO- 1.2	F*1
22	H	5	59	SAN	1BH - 1.4TO- 1.4	F*1

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TABLE III Continued  
Tubes Successfully Rerolled at lower elevation (AR1) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
22	H	15	59	MAN	1BH - 1.4TO- 1.3	F*1
22	H	37	60	SAN	1BH - 1.5TO- 1.5	F*1
22	H	7	61	MAN	1BH - 1.3TO- 1.2	F*1
22	H	27	61	MAN	1BH - 1.5TO- 1.4	F*1
22	H	5	62	MAN	1BH - 1.6TO- 1.6	F*1
22	H	23	62	MAN	1BH - 1.6TO- 1.5	F*1
22	H	25	62	SAN	1BH - 1.5TO- 1.4	F*1
22	H	34	62	SAN	1BH - 1.5TO- 1.4	F*1
22	H	7	64	SAN	1BH - 3.8TO- 3.7	F*1
22	H	32	64	MAN	1BH - 1.5TO- 1.5	F*1
22	H	12	66	MAN	1BH - 1.5TO- 1.4	F*1
22	H	7	67	SAN	1BH - 1.3TO- 1.3	F*1
22	H	34	67	SAN	1BH - 1.5TO- 1.4	F*1
22	H	18	71	SAN	1BH - 1.3TO- 1.2	F*1
22	H	20	71	SAN	1BH - 1.3TO- 1.3	F*1
22	H	13	72	MAN	1BH - 1.4TO- 1.3	F*1
22	H	17	73	MAN	1BH - 1.3TO- 1.3	F*1
22	H	18	73	SAN	1BH - 1.3TO- 1.2	F*1
22	H	19	73	MAN	1BH - 1.3TO- 1.2	F*1
22	H	25	73	SAN	1BH - 1.5TO- 1.5	F*1
22	H	15	74	MAN	1BH - 1.4TO- 1.3	F*1
22	H	17	74	INR	1BH - 1.3	F*1
22	H	24	74	SAN	1BH - 1.5TO- 1.5	F*1
22	H	14	75	MAN	1BH - 1.3TO- 1.3	F*1
22	H	15	75	MAN	1BH - 1.3TO- 1.3	F*1
22	H	26	76	MAN	1BH - 1.5TO- 1.4	F*1
22	H	12	77	MAN	1BH - 1.5TO- 1.4	F*1
22	H	22	78	SAN	1BH - 1.5TO- 1.5	F*1
22	H	15	79	MAN	1BH - 1.3TO- 1.3	F*1
22	H	26	79	SAN	1BH - 1.5TO- 1.5	F*1

TABLE IV  
Tubes Successfully Rerolled at second elevation (AR2) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	4	25	SAN	2BH - 0.8TO- 0.4	F*2
21	H	19	25	MAN	2BH - 3.0TO- 3.0	F*2
21	H	5	36	MAN	2BH - 2.6TO- 1.9	F*2
21	H	14	36	INR	2BH - 3.0	F*2
21	H	12	46	MAN	2BH - 2.6TO- 1.7	F*2
21	H	18	47	MAN	2BH - 3.1TO- 3.1	F*2
21	H	14	50	SAN	2BH - 2.0TO- 1.8	F*2

TABLE IV Continued  
Tubes Successfully Rerolled at second elevation (AR2) 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	12	52	SAN	2BH - 1.9TO- 1.8	F*2
22	H	21	22	INR	2BH - 3.5	F*2
22	H	17	28	SAN	2BH - 2.1TO- 1.9	F*2
22	H	15	31	SAI	2BH - 0.4TO- 0.3	F*2
22	H	14	35	SAN	2BH - 3.2TO- 3.1	F*2
22	H	19	35	SAN	2BH - 3.2TO- 3.2	F*2
22	H	37	35	SAN	2BH - 0.9TO- 0.8	F*2
22	H	1	44	MAN	2BH - 3.3TO- 3.2	F*2
22	H	17	45	MAN	2BH - 3.3TO- 2.8	F*2
22	H	27	48	SAN	2BH - 3.2TO- 3.2	F*2
22	H	26	50	MAN	2BH - 3.2TO- 3.1	F*2
22	H	24	52	MAN	2BH - 3.3TO- 3.0	F*2
22	H	12	53	SAN	2BH - 3.0TO- 2.9	F*2
22	H	37	56	SAN	2BH - 3.2TO- 3.2	F*2
22	H	9	60	SAN	2BH - 1.6TO- 1.4	F*2
22	H	16	65	MAN	2BH - 3.1TO- 3.0	F*2
22	H	19	74	SAN	2BH - 2.2TO- 1.6	F*2

TABLE V  
Tubes plugged 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	19	14	VOL	TRH + 7.2TO+ 8.0	PLG③
21	H	9	15	MAI	TRH + 0.1TO+ 0.3	PLG③
21	H	1	20	MAI	1BH - 1.5TO- 0.8	PLG③
21	H	5	20	MAI	1BH - 1.5TO- 0.9	PLG③
21	H	18	21	MAN	1BH - 1.3TO- 0.9	PLG
21	C	1	24	MAI	07H + 10.6TO+ 11.1	PLG③
21	C	27	24	VOL	TSC - 0.1TO+ 0.1	PLG③
21	C	40	24	VOL	TSC + 3.8TO+ 4.2	PLG③
21	H	7	27	SAI	1BH + 17.1TO+ 17.2	PLG③
21	H	29	29	VOL	TSH + 0.0TO+ 0.3	PLG③
21	H	14	30	REJECT	PROFILOMERTY	PLG
21	H	16	32	REJECT	PROFILOMERTY	PLG
21	H	18	32	SAI	TSH + 2.1TO+ 2.7	PLG③
21	H	23	32	MAN	1BH - 1.5TO- 0.8	PLG③
21	H	32	34	SAI	TRH + 18.2TO+ 18.7	PLG③
21	H	7	35	SAI	1BH + 16.5TO+ 16.9	PLG③
21	H	17	36	REJECT	PROFILOMERTY	PLG
21	H	14	37	REJECT	PROFILOMERTY	PLG
21	H	18	38	REJECT	PROFILOMERTY	PLG

③ = In Situ Pressure Test Tube

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TABLE V Continued  
Tubes plugged 0197 outage

S/G NO.	LEG	ROW	COL	PERCENT	LOCATION	STATUS
21	H	9	41	MAN	1BH - 1.4TO- 0.8	PLG③
21	H	10	41	MAN	1BH - 1.4TO- 0.9	PLG③
21	H	3	43	MAN	1BH - 1.4TO- 0.8	PLG③
21	H	18	44	MAN	2BH - 3.2TO- 2.7	PLG③
21	C	46	44	47	01C - 0.1	PLG
21	C	44	48	49	01C - 0.3	PLG
21	H	18	49	REJECT	PROFILOMERTY	PLG
21	H	7	51	MAI	1BH - 1.4TO+ 2.3	PLG
21	H	14	55	MAN	1BH - 1.2TO- 0.5	PLG③
21	H	10	60	SAI	2BH - 0.8TO+ 1.6	PLG
21	H	11	61	MAN	1BH - 1.4TO- 0.9	PLG③
21	C	41	62	50	01C - 0.1	PLG
21	H	11	68	MAN	1BH - 1.3TO- 0.8	PLG③
21	C	7	93	VOL	02C - 0.1TO+ 0.1	PLG
22	H	26	11	MCI	TOE - 1.7TO- 1.2	PLG④
22	H	19	13	PVN	TRH + 11.6TO+ 17.1	PLG③
22	H	31	16	MCI	TOE - 1.6TO- 1.2	PLG④
22	H	33	16	MCI	TOE - 1.3TO- 1.2	PLG④
22	H	2	20	MAI	TRH - 0.1TO+ 0.0	PLG③
22	H	16	21	MAI	TRH + 0.0TO+ 0.2	PLG③
22	H	22	22	SAI	TRH + 0.0TO+ 0.1	PLG③
22	H	31	24	VOL	TSH + 0.0TO+ 0.1	PLG③
22	H	25	25	REJECT	TORQUE TRACE	PLG
22	C	40	26	46	01C + 0.1	PLG
22	H	13	28	SAI	TRH + 18.6TO+ 19.0	PLG
22	H	32	28	VON	TSH - 0.1TO+ 0.2	PLG③
22	H	16	38	SAI	1BH + 16.6TO+ 17.2	PLG③
22	C	44	38	44	02C + 0.0	PLG
22	H	37	40	VOL	TRH - 0.3TO+ 0.0	PLG③
22	H	13	46	MAN	1BH - 1.7TO- 1.2	PLG③
22	H	17	47		Plug Replaced	PLG⑤
22	H	37	47	VON	TSH + 3.9TO+ 4.2	PLG③
22	C	40	47	40	NV4 + 0.1	PLG
22	H	29	64	VON	TSH + 0.0TO+ 0.3	PLG③
22	H	30	64	VON	TSH + 0.1TO+ 0.3	PLG③
22	H	18	65	VON	TRH + 7.8TO+ 8.1	PLG③
22	C	41	65	48	01C + 0.2	PLG
22	H	12	83	MAN	TRH - 0.1TO+ 0.1	PLG③
22	C	1	93	45	01C + 0.1	PLG

③ = In Situ Pressure Test Tube

④ = B&W Inconel 600 Roll Plug

⑤ = Welded plug removed and replaced due to visual signs of leakage

TABLE VI  
Tubes Plugs Removed and Reinstalled 0197 outage

S/G NO.	LEG	RCW	COL	LOCATION	STATUS
21	C	23	8	NRC BULLETIN 89-01	PLG
21	C	28	11	NRC BULLETIN 89-01	PLG
21	C	36	19	NRC BULLETIN 89-01	PLG
21	C	3	21	NRC BULLETIN 89-01	PLG
21	C	13	23	NRC BULLETIN 89-01	PLG
21	C	39	26	NRC BULLETIN 89-01	PLG
21	C	40	26	NRC BULLETIN 89-01	PLG
21	C	25	28	NRC BULLETIN 89-01	PLG
21	C	42	29	NRC BULLETIN 89-01	PLG
21	C	41	30	NRC BULLETIN 89-01	PLG
21	C	43	33	NRC BULLETIN 89-01	PLG
21	C	45	39	NRC BULLETIN 89-01	PLG
21	C	43	42	NRC BULLETIN 89-01	PLG
21	C	44	43	NRC BULLETIN 89-01	PLG
21	C	45	44	NRC BULLETIN 89-01	PLG
21	C	29	45	NRC BULLETIN 89-01	PLG
21	C	23	46	NRC BULLETIN 89-01	PLG
21	C	29	48	NRC BULLETIN 89-01	PLG
21	C	45	49	NRC BULLETIN 89-01	PLG
21	C	45	52	NRC BULLETIN 89-01	PLG
21	C	46	52	NRC BULLETIN 89-01	PLG
21	C	44	53	NRC BULLETIN 89-01	PLG
21	C	46	53	NRC BULLETIN 89-01	PLG
21	C	44	57	NRC BULLETIN 89-01	PLG
21	C	25	58	NRC BULLETIN 89-01	PLG
21	C	44	59	NRC BULLETIN 89-01	PLG
21	C	45	59	NRC BULLETIN 89-01	PLG
21	C	44	60	NRC BULLETIN 89-01	PLG
21	C	42	61	NRC BULLETIN 89-01	PLG
21	C	43	63	NRC BULLETIN 89-01	PLG
21	C	39	70	NRC BULLETIN 89-01	PLG
21	C	39	73	NRC BULLETIN 89-01	PLG
21	C	1	79	NRC BULLETIN 89-01	PLG
21	C	32	79	NRC BULLETIN 89-01	PLG
21	C	21	85	NRC BULLETIN 89-01	PLG
21	C	21	88	NRC BULLETIN 89-01	PLG
21	C	18	89	NRC BULLETIN 89-01	PLG
21	C	19	89	NRC BULLETIN 89-01	PLG
21	C	14	90	NRC BULLETIN 89-01	PLG
21	C	9	91	NRC BULLETIN 89-01	PLG
22	C	25	11	NRC BULLETIN 89-01	PLG
22	C	29	12	NRC BULLETIN 89-01	PLG

TABLE VI Continued  
Tubes Plugs Removed and Reinstalled 0197 outage

S/G NO.	LEG	ROW	COL	LOCATION	STATUS
22	C	30	12	NRC BULLETIN 89-01	PLG
22	C	28	13	NRC BULLETIN 89-01	PLG
22	C	30	13	NRC BULLETIN 89-01	PLG
22	C	30	14	NRC BULLETIN 89-01	PLG
22	C	28	15	NRC BULLETIN 89-01	PLG
22	C	30	16	NRC BULLETIN 89-01	PLG
22	C	32	17	NRC BULLETIN 89-01	PLG
22	C	35	17	NRC BULLETIN 89-01	PLG
22	C	36	18	NRC BULLETIN 89-01	PLG
22	C	26	19	NRC BULLETIN 89-01	PLG
22	C	32	19	NRC BULLETIN 89-01	PLG
22	C	35	19	NRC BULLETIN 89-01	PLG
22	C	34	20	NRC BULLETIN 89-01	PLG
22	C	37	21	NRC BULLETIN 89-01	PLG
22	C	38	22	NRC BULLETIN 89-01	PLG
22	C	13	23	NRC BULLETIN 89-01	PLG
22	C	39	24	NRC BULLETIN 89-01	PLG
22	C	40	24	NRC BULLETIN 89-01	PLG
22	C	39	25	NRC BULLETIN 89-01	PLG
22	C	39	27	NRC BULLETIN 89-01	PLG
22	C	40	27	NRC BULLETIN 89-01	PLG
22	C	41	27	NRC BULLETIN 89-01	PLG
22	C	39	28	NRC BULLETIN 89-01	PLG
22	C	41	28	NRC BULLETIN 89-01	PLG
22	C	42	32	NRC BULLETIN 89-01	PLG
22	C	42	33	NRC BULLETIN 89-01	PLG
22	C	44	33	NRC BULLETIN 89-01	PLG
22	C	36	35	NRC BULLETIN 89-01	PLG
22	C	44	35	NRC BULLETIN 89-01	PLG
22	C	37	36	NRC BULLETIN 89-01	PLG
22	C	43	36	NRC BULLETIN 89-01	PLG
22	C	45	36	NRC BULLETIN 89-01	PLG
22	C	43	41	NRC BULLETIN 89-01	PLG
22	C	45	42	NRC BULLETIN 89-01	PLG
22	C	46	43	NRC BULLETIN 89-01	PLG
22	C	46	45	NRC BULLETIN 89-01	PLG
22	C	33	46	NRC BULLETIN 89-01	PLG
22	C	37	46	NRC BULLETIN 89-01	PLG
22	C	44	47	NRC BULLETIN 89-01	PLG
22	C	33	48	NRC BULLETIN 89-01	PLG
22	C	36	48	NRC BULLETIN 89-01	PLG
22	C	33	49	NRC BULLETIN 89-01	PLG

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TABLE VI Continued  
Tubes Plugs Removed and Reinstalled 0197 outage

S/G NO.	LEG	ROW	COL	LOCATION	STATUS
22	C	37	49	NRC BULLETIN 89-01	PLG
22	C	46	49	NRC BULLETIN 89-01	PLG
22	C	46	50	NRC BULLETIN 89-01	PLG
22	C	36	51	NRC BULLETIN 89-01	PLG
22	C	40	51	NRC BULLETIN 89-01	PLG
22	C	45	51	NRC BULLETIN 89-01	PLG
22	C	36	52	NRC BULLETIN 89-01	PLG
22	C	36	53	NRC BULLETIN 89-01	PLG
22	C	38	53	NRC BULLETIN 89-01	PLG
22	C	43	53	NRC BULLETIN 89-01	PLG
22	C	45	53	NRC BULLETIN 89-01	PLG
22	C	44	54	NRC BULLETIN 89-01	PLG
22	C	46	54	NRC BULLETIN 89-01	PLG
22	C	38	55	NRC BULLETIN 89-01	PLG
22	C	33	56	NRC BULLETIN 89-01	PLG
22	C	40	56	NRC BULLETIN 89-01	PLG
22	C	44	56	NRC BULLETIN 89-01	PLG
22	C	33	57	NRC BULLETIN 89-01	PLG
22	C	44	57	NRC BULLETIN 89-01	PLG
22	C	38	58	NRC BULLETIN 89-01	PLG
22	C	44	58	NRC BULLETIN 89-01	PLG
22	C	33	59	NRC BULLETIN 89-01	PLG
22	C	44	59	NRC BULLETIN 89-01	PLG
22	C	36	60	NRC BULLETIN 89-01	PLG
22	C	38	60	NRC BULLETIN 89-01	PLG
22	C	40	60	NRC BULLETIN 89-01	PLG
22	C	40	61	NRC BULLETIN 89-01	PLG
22	C	42	61	NRC BULLETIN 89-01	PLG
22	C	32	62	NRC BULLETIN 89-01	PLG
22	C	33	62	NRC BULLETIN 89-01	PLG
22	C	32	63	NRC BULLETIN 89-01	PLG
22	C	32	65	NRC BULLETIN 89-01	PLG
22	C	39	66	NRC BULLETIN 89-01	PLG
22	C	33	67	NRC BULLETIN 89-01	PLG
22	C	39	67	NRC BULLETIN 89-01	PLG
22	C	40	67	NRC BULLETIN 89-01	PLG
22	C	41	67	NRC BULLETIN 89-01	PLG
22	C	42	67	NRC BULLETIN 89-01	PLG
22	C	39	68	NRC BULLETIN 89-01	PLG
22	C	41	68	NRC BULLETIN 89-01	PLG
22	C	38	72	NRC BULLETIN 89-01	PLG
22	C	39	72	NRC BULLETIN 89-01	PLG

TABLE VI Continued  
Tubes Plugs Removed and Reinstalled 0197 outage

S/G NO.	LEG	ROW	COL	LOCATION	STATUS
22	C	38	73	NRC BULLETIN 89-01	PLG
22	C	39	73	NRC BULLETIN 89-01	PLG
22	C	37	75	NRC BULLETIN 89-01	PLG
22	C	36	76	NRC BULLETIN 89-01	PLG
22	C	37	76	NRC BULLETIN 89-01	PLG
22	C	32	77	NRC BULLETIN 89-01	PLG
22	C	34	77	NRC BULLETIN 89-01	PLG
22	C	35	77	NRC BULLETIN 89-01	PLG
22	C	36	77	NRC BULLETIN 89-01	PLG
22	C	31	78	NRC BULLETIN 89-01	PLG
22	C	31	79	NRC BULLETIN 89-01	PLG
22	C	32	79	NRC BULLETIN 89-01	PLG
22	C	31	80	NRC BULLETIN 89-01	PLG
22	C	31	81	NRC BULLETIN 89-01	PLG
22	C	25	85	NRC BULLETIN 89-01	PLG
22	C	22	86	NRC BULLETIN 89-01	PLG
22	C	18	90	NRC BULLETIN 89-01	PLG
22	C	15	91	NRC BULLETIN 83-01	PLG
22	C	17	91	NRC BULLETIN 89-01	PLG

TABLE VII  
Total tubes plugged to date (0297)

S/G NO.	TUBE COUNT	PERCENT
21	165	4.87
22	193	5.70

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LEGEND OF FIELDS AND CODES

<u>FIELD</u>	<u>EXPLANATION</u>
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	Calibration group
PROBE	Probe size, manufacturer and type used - see below
LOCATION	Physical Location of Indication - see below
VOLTS	Voltage of signal
DEG	Degree of signal
%	Measured percent or three digit code - see below
CH	Channel number used for measurement

<u>FIELD</u>	<u>CODE</u>	<u>EXPLANATION</u>
PROBE	***	Probe nominal diameter
	ZU	Standard ULC manufactured by Zetec
	ZH	High Performance ULC manufactured by Zetec
	ZS	Spring flex ULC manufactured by Zetec
	BR	B&W Roll Plug Mag. Biased +PT. Rotating coil manufactured by Zetec
	MR	Mag. Biased Plus Point Rotating coil manufactured by Zetec
	PR	Plus Point Rotating coil manufactured by Zetec
	CR	F* Combo (Bobbin/Plus Point) manufactured by Zetec
BEG,END, LOCATION	TEH	Tube end hot (primary face)
	TRH	Top of roll expansion hot leg
	TOE	Top of B&W Plug roll expansion
	RTR	Top of Additional Roll Transition Roll hot leg
	1BH	Bottom of Additional roll expansion #1 hot leg
	2BH	Bottom of Additional roll expansion #2 hot leg
	TSH	Tube sheet hot (secondary face)
	0?H	? = First through Seventh tube support plate on hot leg side
	NV?	? = First through Forth new antivibration bar
	0?C	? = First through Seventh tube support plate on cold leg side
	TSC	Tube sheet cold (secondary face)
	TRC	Top of roll expansion cold leg
	TEC	Tube end cold (primary face)
REM	F*0	Tube meets F* criteria with no additional roll expansion
	F*1	Tube meets F* criteria with one additional roll expansion
	F*2	Tube meets F* criteria with two additional roll expansions
	PLG	Tube Plugged
%	MAI	Multiple Axial Indication
%	MAN	Multiple Axial Indication - No Change
%	MCI	Multiple Circumferential Indication
	SAI	Single Axial Indication
	SAN	Single Axial Indication - No Change
	SCI	Single Circumferential Indication
	VOL	Volumetric Indication
	VON	Volumetric Indication - No Change
	INF	Indication Not Found
	PVN	Permeability Variation

ATTACHMENTS

STEAM GENERATOR 21 - LIST of 1% TO 19% - 2 PAGES

STEAM GENERATOR 21 - LIST of 20% TO 29% - 3 PAGES

STEAM GENERATOR 21 - LIST of 30% TO 39% - 2 PAGES

STEAM GENERATOR 21 - LIST of 40% TO 100% - 1 PAGE

STEAM GENERATOR 21 - LIST of MAI, MAN, MCI, SAI, SAN, SCI, VOL, VON  
AND INF (Historical F\*1 Tube 3-47) - 23 PAGES

STEAM GENERATOR 22 - LIST of 1% TO 19% - 3 PAGES

STEAM GENERATOR 22 - LIST of 20% TO 29% - 3 PAGES

STEAM GENERATOR 22 - LIST of 30% TO 39% - 2 PAGES

STEAM GENERATOR 22 - LIST of 40% TO 100% - 1 PAGE

STEAM GENERATOR 22 - LIST of MAI, MAN, MCI, SAI, SAN, SCI, VOL, VON  
AND PVN (In Situ Tube 9-13) - 13 PAGES

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

1% TO 19% for the entire length

Page: 1 of 2

Date: 02/27/97

Time: 13:21

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
16	4	C	TEH	TEC		00026	720ZH	01C+ 0.0	0.70	134	12	P1		00001	0.73	137	23	P1
20	6	C	TEH	TEC		00026	720ZH	01C- 0.1	0.26	133	14	P1		00001	0.20	140	21	P1
21	6	C	TEH	TEC		00026	720ZH	02C+ 1.0	1.23	127	16	P1		00001	1.87	166	17	1
34	17	C	TEH	TEC		00031	720ZH	01C- 0.1	0.72	138	3	P1						
		C	TEH	TEC		00031	720ZH	02C- 0.1	0.91	138	3	P1						
34	18	C	TEH	TEC		00034	720ZH	01C- 0.2	0.88	136	9	P1		00007	1.01	141	1	P1
36	18	C	TEH	TEC		00034	720ZH	02C- 0.3	1.12	140	1	P1		00007	1.06	136	1	P1
41	27	C	TEH	TEC		00041	720ZU	01C+ 0.2	1.69	144	10	P1		00009	1.37	136	17	P1
								01C- 0.2						00009	1.02	127	31	P1
18	28	C	TEH	TEC	F*1	00042	720ZU	07H+ 22.8	1.18	0	19	P2		00009	0.80	0	20	P2
34	31	C	TEH	TEC		00042	720ZU	NV3+ 0.0	1.12	0	17	P2		00012	1.16	0	22	P2
18	32	C	TEH	TEC	PLG	00042	720ZU	NV2+ 0.4	0.91	0	14	P2		00011	1.00	0	21	P2
44	34	C	TEH	TEC		00045	720ZU	01C- 0.2	0.56	137	3	P1						
		C	TEH	TEC		00045	720ZU	05C- 0.1	0.87	130	15	P1		00011	0.87	126	38	P1
18	36	C	TEH	TEC		00044	720ZU	NV4+ 0.1	0.91	0	17	P2		00011	1.01	0	21	P2
45	36	C	TEH	TEC		00045	720ZU	02C+ 0.0	1.67	135	13	P1		00013	1.53	126	37	P1
		C	TEH	TEC		00045	720ZU	02C- 0.2	1.69	139	4	P1		00013	1.66	132	29	P1
17	38	C	TEH	TEC		00045	720ZU	NV2+ 0.2	0.65	0	14	P2						
44	38	C	TEH	TEC		00045	720ZU	07C+ 0.2	0.54	129	19	P1		00014	0.32	80	DSI	P1
45	41	C	TEH	TEC		00048	720ZU	02C- 0.1	2.26	138	3	P1		00016	1.27	132	27	P1
45	42	C	TEH	TEC		00050	720ZU	01C- 0.1	0.76	139	9	P1						
11	43	C	TEH	TEC		00050	720ZU	NV1+ 0.0	0.38	0	8	P2						
45	45	C	TEH	TEC		00049	720ZU	01C+ 0.0	0.41	136	13	P1		00021	0.26	118	39	P1
46	45	C	TEH	TEC		00050	720ZU	01C- 0.1	0.71	143	8	P1		00022	0.71	137	4	P1
46	46	C	TEH	TEC		00063	720ZU	01C+ 0.2	1.34	151	7	P1		00029	1.02	147	4	P1
45	48	C	TEH	TEC		00065	720ZU	01C+ 0.1	1.12	137	17	P1		00031	0.91	140	10	P1
46	54	C	TEH	TEC		00065	720ZU	01C- 0.1	1.10	145	11	P1		00033	0.93	144	7	P1
34	56	C	TEH	TEC		00067	720ZU	NV3+ 0.3	0.87	0	18	P2		00035	0.84	0	17	P2
43	57	C	TEH	TEC		00067	720ZU	01C+ 0.1	1.92	137	14	P1		00035	1.10	135	25	P1
19	58	C	TEH	TEC		00067	720ZU	NV4+ 0.3	0.22	0	5	P2		00035	0.69	0	14	P2
44	58	C	TEH	TEC		00068	720ZU	02C- 0.2	0.85	139	14	P1		00034	0.85	135	29	P1
43	60	C	TEH	TEC		00068	720ZU	01C+ 0.1	0.81	140	1	P1		00036	1.18	141	14	P1
		C	TEH	TEC		00068	720ZU	02C- 0.3	0.59	138	16	P1		00036	0.53	149	3	P1

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21  
 Leg.....: Hot and Cold legs  
 Release...: 2.2  
 1% TO 19% for the entire length

Page: 2 of 2  
 Date: 02/27/97  
 Time: 13:21

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
43	64	C	TEH	TEC		00069	720ZU	01C- 0.1	1.48	142	9	P1		00039	1.54	141	14	P1
21	67	C	TEH	TEC		00071	720ZU	NV2+ 0.5	0.80	0	16	P2						
37	75	C	TEH	TEC		00073	720ZU	01C- 0.0	2.34	148	17	P1		00042	1.88	136	18	P1
35	77	C	TEH	TEC		00073	720ZU	02C- 0.0	1.46	153	7	P1		00045	0.65	134	21	P1
31	79	C	TEH	TEC		00074	720ZU	02C+ 0.2	1.28	150	13	P1		00044	1.31	148	18	P1
30	81	C	TEH	TEC		00076	720ZU	01C- 0.2	2.05	150	7	P1		00045	1.84	134	21	P1
30	82	C	TEH	TEC		00074	720ZU	01C- 0.2	0.50	134	16	P1		00046	0.50	139	22	P1
25	86	C	TEH	TEC		00078	720ZU	01C- 0.1	1.48	131	18	P1		00049	1.08	127	33	P1
18	87	C	TEH	TEC		00078	720ZU	01C- 0.2	1.11	140	18	P1		00049	1.31	137	21	P1
23	88	C	TEH	TEC		00077	720ZU	01C- 0.0	1.43	147	18	P1		00048	1.05	151	INR	P1
15	90	C	TEH	TEC		00077	720ZU	01C- 0.1	0.91	157	7	P1		00056	0.87	141	13	P1
14	91	C	TEH	TEC		00077	720ZU	01C+ 0.0	1.54	150	18	P1		00049	1.36	140	14	P1
16	91	C	TEH	TEC		00077	720ZU	01C- 0.1	0.67	159	4	P1		00049	0.90	147	3	P1
6	92	C	TEH	TEC		00081	720ZH	01C- 0.1	0.77	143	9	P1		00059	0.69	148	1	P1
13	92	C	TEH	TEC		00077	720ZU	02C- 0.2	0.86	161	10	P1						
1	93	C	07C	TEC		00061	720ZU	01C- 0.2	1.60	139	15	P1		00067	1.92	139	14	P1
2	93	C	07C	TEC		00061	720ZU	01C- 0.1	1.85	136	19	P1		00066	1.78	133	21	P1
		C	07C	TEC		00061	720ZU	02C+ 0.0	0.49	138	7	P1		00066	0.43	139	9	P1
5	93	C	TEH	TEC		00080	720ZH	01C+ 0.0	1.58	133	15	P1		00059	1.21	137	14	P1

NUMBER OF TUBES IN REPORT = 46

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

20% TO 29% for the entire length

Page: 1 of 3

Date: 02/27/97

Time: 13:22

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
16	5	C	TEH	TEC		00026	720ZH	02C+ 0.0	1.68	127	24	P1		00001	1.18	128	31	P1
14	6	C	TEH	TEC		00026	720ZH	01C- 0.1	1.50	125	27	P1		00001	1.26	126	32	P1
19	6	C	TEH	TEC		00026	720ZH	NV1- 0.1	1.23	0	23	P2		00023	0.95	0	18	P2
27	10	C	TEH	TEC		00028	720ZH	07H+ 24.5	1.68		26	P2						
33	17	C	TEH	TEC		00031	720ZH	02C- 0.1	1.10	129	21	P1		00005	0.79	125	30	P1
36	21	C	TEH	TEC		00037	720ZH	02C+ 0.1	1.18	121	26	P1		00007	1.27	130	5	P1
40	24	C	TEH	TEC	PLG	00041	720ZU	TSC+ 4.2	0.56	162	20	1						
23	27	C	TEH	TEC		00041	720ZU	NV4+ 4.8	1.73		29	P2		00009	0.99	0	23	P2
18	28	C	TEH	TEC	F*1	00042	720ZU	NV2+ 0.9	1.77	0	28	P2		00009	1.47	0	29	P2
		C	TEH	TEC	F*1	00042	720ZU	NV2+ 12.7	1.26	0	23	P2		00009	1.24	0	26	P2
34	28	C	TEH	TEC		00041	720ZU	NV3+ 0.0	1.07	0	21	P2		00010	1.35	0	24	P2
25	30	C	TEH	TEC		00042	720ZU	NV2+ 0.8	1.95	0	27	P2		00009	1.28	0	27	P2
		C	TEH	TEC		00042	720ZU	NV4+ 2.5	1.41	0	21	P2		00009	1.36	0	28	P2
39	30	C	TEH	TEC		00043	720ZU	NV4+ 2.6	1.06	0	21	P2		00009	1.31	0	27	P2
25	32	C	TEH	TEC	F*1	00043	720ZU	NV2+ 0.2	1.75	0	29	P2		00012	1.58	0	27	P2
		C	TEH	TEC	F*1	00043	720ZU	NV4+ 2.2	0.95	0	20	P2						
34	32	C	TEH	TEC		00043	720ZU	NV2+ 0.1	1.14	0	22	P2		00011	0.86	0	19	P2
25	33	C	TEH	TEC		00042	720ZU	07H+ 27.2	1.17	0	22	P2		00012	1.07	0	21	P2
		C	TEH	TEC		00042	720ZU	NV4+ 1.0	1.03	0	20	P2		00012	1.01	0	20	P2
39	34	C	TEH	TEC		00044	720ZU	NV2+ 35.9	1.14	0	20	P2		00011	1.21	0	24	P2
		C	TEH	TEC		00044	720ZU	NV4+ 3.1	1.94	0	29	P2		00011	1.77	0	30	P2
45	36	C	TEH	TEC		00045	720ZU	01C- 0.1	1.22	125	26	P1		00013	1.03	127	35	P1
45	42	C	TEH	TEC		00050	720ZU	02C- 0.1	2.49	127	28	P1		00020	2.32	124	19	P1
36	43	C	TEH	TEC		00049	720ZU	07H+ 33.1	1.45	0	20	P2		00019	1.37	0	26	P2
		C	TEH	TEC		00049	720ZU	NV2+ 2.6	1.48	0	22	P2		00019	1.54	0	27	P2
		C	TEH	TEC		00049	720ZU	NV2+ 32.9	1.45	0	20	P2		00019	1.55	0	28	P2
43	44	C	TEH	TEC		00049	720ZU	01C- 0.3	2.19	130	29	P1		00021	1.70	129	27	P1
44	44	C	TEH	TEC		00050	720ZU	01C- 0.2	2.42	131	22	P1		00022	2.32	124	23	P1
28	45	C	TEH	TEC		00050	720ZU	NV2+ 24.9	1.41	0	25	P2		00022	1.36	0	25	P2
		C	TEH	TEC		00050	720ZU	NV4+ 2.5	1.73	0	27	P2		00022	1.79	0	29	P2
36	45	C	TEH	TEC		00050	720ZU	NV2+ 1.2	1.60	0	25	P2		00022	1.52	0	27	P2
44	45	C	TEH	TEC		00050	720ZU	01C- 0.1	0.52	132	25	P1		00022	0.53	122	26	P1
36	47	C	TEH	TEC	F*1	00063	720ZU	NV2+ 31.5	1.66	0	27	P2		00029	1.39	0	23	P2
35	48	C	TEH	TEC		00065	720ZU	NV2+ 2.3	1.52	0	26	P2		00029	1.40	0	23	P2
		C	TEH	TEC		00065	720ZU	NV2+ 31.1	1.05	0	20	P2		00029	0.95	0	18	P2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

20% TO 29% for the entire length

Page: 2 of 3

Date: 02/27/97

Time: 13:22

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BE	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
17	50	C	TEH	TEC		00065	720ZU	NV2+ 0.5	0.85	0	20	P2						
45	50	C	TEH	TEC		00065	720ZU	01C- 0.1	0.80	133	29	P1		00033	0.59	131	28	P1
29	52	C	TEH	TEC		00064	720ZU	NV2+ 0.8	1.42	0	24	P2		00033	1.12	0	22	P2
41	53	C	TEH	TEC		00065	720ZU	01C- 0.2	2.03	135	26	P1		00033	1.57	125	36	P1
19	54	C	TEH	TEC	F*1	00064	720ZU	NV2+ 14.6	1.11	0	21	P2						
43	54	C	TEH	TEC		00065	720ZU	01C- 0.1	0.46	133	23	P1		00032	0.54	137	22	P1
22	55	C	TEH	TEC		00067	720ZU	NV2+ 18.5	1.10	0	21	P2		00032	1.35	0	25	P2
45	58	C	TEH	TEC		00069	720ZU	01C+ 0.1	1.91	135	23	P1		00035	2.23	141	13	P1
36	60	C	TEH	TEC		00069	720ZU	NV2+ 2.4 NV2+ 2.6	1.85	0	29	P2		00037	2.10	0	32	P2
														00050	1.95	0	29	P2
42	60	C	TEH	TEC		00069	720ZU	01C- 0.1	0.93	135	23	P1		00037	0.66	137	15	P1
19	61	C	TEH	TEC		00068	720ZU	NV2+ 14.4	1.58	0	23	P2						
21	61	C	TEH	TEC		00069	720ZU	NV2+ 1.0	1.72	0	29	P2		00039	1.52	0	26	P2
		C	TEH	TEC		00069	720ZU	NV2+ 16.2	1.59	0	28	P2		00039	1.22	0	22	P2
		C	TEH	TEC		00069	720ZU	NV4+ 0.0	1.65	0	28	P2						
23	61	C	TEH	TEC		00069	720ZU	NV2+ 1.6	1.51	0	26	P2		00039	1.65	0	28	P2
		C	TEH	TEC		00069	720ZU	NV2+ 18.8	1.58	0	26	P2		00039	1.20	0	22	P2
		C	TEH	TEC		00069	720ZU	NV4+ 0.7	1.77	0	29	P2		00039	1.36	0	24	P2
39	61	C	TEH	TEC		00069	720ZU	01C- 0.2	0.54	132	28	P1		00036	0.40	126	32	P1
17	64	C	TEH	TEC	F*1	00069	720ZU	NV4+ 3.0	1.45	0	25	P2		00039	1.19	0	22	P2
21	64	C	TEH	TEC		00069	720ZU	NV2+ 17.2	1.32	0	23	P2		00039	1.24	0	23	P2
40	66	C	TEH	TEC		00071	720ZU	02C- 0.1	2.17	137	24	P1		00039	2.29	133	27	P1
21	69	C	TEH	TEC		00070	720ZU	NV4+ 1.9	1.06	0	20	P2		00041	1.11	0	21	P2
26	69	C	TEH	TEC		00070	720ZU	07H+ 28.4	1.96	0	27	P2		00040	2.35	0	30	P2
		C	TEH	TEC		00070	720ZU	NV2+ 23.3	2.04	0	27	P2		00040	2.40	0	31	P2
31	70	C	TEH	TEC		00072	720ZU	NV2+ 3.2	1.47	0	21	P2		00042	1.27	0	20	P2
18	71	C	TEH	TEC		00072	720ZU	07H+ 22.8	1.34	0	20	P2		00042	1.37	0	21	P2
		C	TEH	TEC		00072	720ZU	NV2+ 13.6	1.41	0	20	P2		00042	1.43	0	22	P2
		C	TEH	TEC		00072	720ZU	NV3+ 0.1	1.40		21	P2		00042	0.91	0	15	P2
40	71	C	TEH	TEC		00073	720ZU	01C- 0.2	0.34	127	24	P1		00043	0.60	139	10	P1
26	72	C	TEH	TEC		00072	720ZU	NV2+ 1.1	1.93	0	28	P2		00042	1.76	0	25	P2
36	72	C	TEH	TEC		00073	720ZU	01C- 0.2	1.33	143	26	P1		00043	1.57	135	24	P1
38	73	C	TEH	TEC		00072	720ZU	01C- 0.1 01C- 0.1	0.59	126	29	P1		00043	0.40	73	DSI	P1
														00098	0.15	111	VOL	2
34	76	C	TEH	TEC		00072	720ZU	02C+ 0.1	2.05	130	22	P1		00044	1.46	135	30	P1

**CUMULATIVE INDICATIONS REPORT**  
PRAIRIE ISLAND, UNIT 2

Generator: 21  
Leg.....: Hot and Cold legs  
Release...: 2.2  
20% TO 29% for the entire length

Page: 3 of 3  
Date: 02/27/97  
Time: 13:22

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
23	85	C	YEH	TEC		00076	720ZU	01C+	0.0	0.41	139	23	P1		00047	0.35	147	17	P1
17	89	C	TEH	TEC		00077	720ZU	01C-	0.0	1.22	137	27	P1		00048	1.58	128	28	P1
		C	TEH	TEC		00077	720ZU	02C-	0.1	0.99	139	26	P1		00048	1.28	138	8	P1
3	92	C	07H	TEC		00096	700ZS	01C+	0.1	0.86	134	28	P1		00058	1.10	122	30	P1
9	92	C	TEH	TEC		00080	720ZH	01C-	0.1	1.33	127	23	P1		00053	0.94	128	25	P1
6	93	C	TEH	TEC		00080	720ZH	02C-	0.1	0.78	134	26	P1		00059	0.74	129	26	P1
7	94	C	TEH	TEC		00081	720ZH	01C+	0.0	0.93	135	28	P1		00053	0.84	125	29	P1

NUMBER OF TUBES IN REPORT = 58

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release..: 2.2

30% TO 39% for the entire length

Page: 1 of 2

Date: 02/27/97

Time: 13:23

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
25	11	C	TEH	TEC		00052	720ZU	02C+ 0.2 02C+ 0.3	0.70	125	32	P1		00003 00097	0.64 0.25	116 135	DS1 VOL	P1 2
29	13	C	TEH	TEC		00028	720ZH	01C- 0.2	0.91	128	30	P1		00003	1.15	128	24	P1
35	17	C	TEH	TEC		00031	720ZH	01C- 0.1	4.69	123	35	P1		00005	3.43	116	38	P1
41	27	C	TEH	TEC		00041	720ZU	01C- 0.2 01C- 0.2	1.26	124	38	P1		00009 00009	1.37 1.02	136 127	17 31	P1 P1
25	30	C	TEH	TEC		00042	720ZU	NV2+ 19.8	2.34	0	30	P2		00009	1.97	0	34	P2
25	32	C	TEH	TEC	F*1	00043	720ZU	NV2+ 19.4	2.02	0	32	P2		00012	1.89	0	30	P2
25	33	C	TEH	TEC		00042	720ZU	NV2+ 1.5	2.35	0	33	P2		00012	2.49	0	35	P2
		C	TEH	TEC		00042	720ZU	NV2+ 20.5	2.80	0	36	P2		00012	2.39	0	34	P2
23	37	C	TEH	TEC		00044	720ZU	NV2+ 17.9	2.29	0	32	P2		00014	1.77	0	30	P2
45	41	C	TEH	TEC		00048	720ZU	01C- 0.2	2.15	116	33	P1		00016	1.27	115	37	P1
46	43	C	TEH	TEC		00050	720ZU	01C- 0.3	0.56	126	33	P1		00020	0.59	116	30	P1
18	44	C	TEH	TEC	PLG	00049	720ZU	NV2+ 14.4	2.56	0	31	P2		00022	2.23	0	33	P2
28	45	C	TEH	TEC		00050	720ZU	07H+ 29.5	2.60	0	34	P2		00022	2.25	0	33	P2
		C	TEH	TEC		00050	720ZU	NV2+ 0.3	2.56	0	34	P2		00022	2.63	0	36	P2
		C	TEH	TEC		00050	720ZU	NV2+ 22.2	2.06	0	30	P2		00022	1.82	0	30	P2
44	46	C	TEH	TEC		00062	720ZU	01C- 0.1	3.68	131	34	P1		00027	3.21	120	38	P1
36	47	C	TEH	TEC	F*1	00063	720ZU	07H+ 33.3	2.86	0	37	P2		00029	2.40	0	33	P2
		C	TEH	TEC	F*1	00063	720ZU	NV2+ 2.3	2.00	0	30	P2		00029	2.14	0	31	P2
39	47	C	TEH	TEC		00062	720ZU	NV2+ 35.9	2.00	0	32	P2		00027	1.96	0	30	P2
		C	TEH	TEC		00062	720ZU	NV4+ 3.4	2.23	0	34	P2		00027	2.23	0	32	P2
35	48	C	TEH	TEC		00065	720ZU	07H+ 33.3	2.83	0	37	P2		00029	2.63	0	34	P2
44	48	C	TEH	TEC	PLG	00064	720ZU	01C+ 0.1	1.36	129	30	P1		00030	0.75	129	33	P1
29	50	C	TEH	TEC		00065	720ZU	NV2+ 1.4	3.17	0	39	P2		00035	2.63		36	P2
41	58	C	TEH	TEC		00069	720ZU	01C- 0.2	1.39	131	30	P1		00035	1.41	127	34	P1
43	59	C	TEH	TEC		00069	720ZU	01C+ 0.0	2.70	130	31	P1		00037	1.75	124	39	P1
42	62	C	TEH	TEC		00069	720ZU	01C- 0.2	2.73	131	30	P1		00039	1.77	129	33	P1
39	63	C	TEH	TEC		00068	720ZU	01C+ 0.2	0.66	123	38	P1		00038	0.69	126	32	P1
42	63	C	TEH	TEC		00069	720ZU	01C- 0.0 01C- 0.1	1.84	128	34	P1		00050 00039	0.92 1.19	131 135	39 24	P1 P1
42	64	C	TEH	TEC		00069	720ZU	02C- 0.3	0.68	131	30	P1		00039	0.56	127	35	P1
40	70	C	TEH	TEC		00073	720ZU	02C- 0.1	0.86	134	38	P1		00043	0.63	130	28	P1
39	71	C	TEH	TEC		00072	720ZU	01C- 0.2	1.84	127	35	P1		00042	1.88	122	35	P1

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

30% TD 39% for the entire length

Page: 2 of 2

Date: 02/27/97

Time: 13:23

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
26	72	C	TEH	TEC		00072	720ZU	NV2+ 21.9	2.42	0	32	P2		00042	2.55	0	32	P2
39	72	C	TEH	TEC		00073	720ZU	01C+ 0.0	2.34	138	33	P1		00043	2.09	124	26	P1
38	74	C	TEH	TEC		00073	720ZU	01C- 0.2	2.59	137	35	P1		00042	2.24	121	36	P1
33	77	C	TEH	TEC		00073	720ZU	03C- 0.3	1.07	137	35	P1		00044	0.61	138	28	P1
32	78	C	TEH	TEC		00074	720ZU	01C- 0.3	1.26	127	37	P1		00044	1.49	118	39	P1
		C	TEH	TEC		00074	720ZU	02C+ 0.0	2.64	126	38	P1		00044	2.71	123	34	P1
31	79	C	TEH	TEC		00074	720ZU	01C- 0.1	2.12	129	36	P1		00044	2.73	126	39	P1
23	86	C	TEH	TEC		00078	720ZU	01C+ 0.0	3.12	120	32	P1		00048	2.91	127	30	P1
12	90	C	TEH	TEC		00077	720ZU	01C- 0.2	1.85	132	31	P1		00048	2.10	131	23	P1
7	91	C	TEH	TEC		00080	720ZH	01C- 0.2	3.38	130	31	P1		00053	2.57	124	36	P1
8	92	C	TEH	TEC		00081	720ZH	01C- 0.1	0.67	130	34	P1		00053	1.01	132	25	P1
11	92	C	TEH	TEC		00077	720ZU	01C- 0.2	0.44	129	33	P1		00057	0.47	153	11	P1
14	92	C	TEH	TEC		00077	720ZU	NV1+ 3.0	2.64		36	P2		00048	2.47	0	34	P2
5	94	C	TEH	TEC		00081	720ZH	01C+ 0.0	1.37	127	34	P1		00059	1.21	123	34	P1

NUMBER OF TUBES IN REPORT = 39

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

40% TO 100% for the entire length

Page: 1 of 1

Date: 02/27/97

Time: 13:24

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
46	44	C	TEH	TEC	PLG	00050	720ZU	01C- 0.1	2.36	112	47	P1		00022	1.07	117	32	P1
44	48	C	TEH	TEC	PLG	00064	720ZU	01C- 0.3	1.26	113	49	P1		00030	0.75	129	33	P1
29	50	C	TEH	TEC		00065	720ZU	NV2+ 24.6	4.07	0	43	P2		00035	3.90		42	P2
41	62	C	TEH	TEC	PLG	00068	720ZU	01C- 0.1	0.49	109	50	P1		00038	0.56	129	29	P1
36	63	C	TEH	TEC		00069	720ZU	NV2+ 3.0	3.36	0	40	P2		00039	3.83	0	42	P2

NUMBER OF TUBES IN REPORT = 5

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MC1,SA1,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 1 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT					05/95				
			BEG	END	REM						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
1	4	H	TEH	TSH	F*0	00003	720PR	TRH-	2.6TO-	2.5	5.73	17	SAI	2						
3	6	H	TEH	TSH	F*0	00004	720PR	TRH-	2.4TO-	2.3	3.50	22	SAI	2						
1	7	H	TEH	TSH	F*0	00005	720PR	TRH-	2.4TO-	2.3	3.70	16	SAI	2						
2	7	H	TEH	TSH	F*0	00004	720PR	TRH-	2.5TO-	2.4	3.17	20	MAI	2						
1	8	H	TEH	TSH	F*0	00005	720PR	TRH-	2.5TO-	2.3	7.20	22	MAI	2						
2	8	H	TEH	TSH	F*0	00004	720PR	TRH-	2.5TO-	2.2	8.64	24	SAI	2						
5	8	H	TEH	TSH	F*0	00005	720PR	TRH-	2.5TO-	2.4	2.15	25	SAI	2						
1	9	H	TEH	TSH	F*0	00005	720PR	TRH-	2.4TO-	2.3	5.21	16	SAI	2		00028	0.56	13	SAI	2
7	9	H	TEH	TSH	F*0	00005	720PR	TRH-	2.4TO-	2.0	21.16	28	MAI	2		00028	2.87	21	SAI	2
1	10	H	TEH	TSH	F*0	00085	720PR	TRH-	2.2TO-	1.8	23.09	27	MAN	2		00028	4.39	20	MAI	2
2	10	H	TEH	TSH	F*0	00085	720PR	TRH-	2.1TO-	2.0	7.90	15	SAI	2						
5	10	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.48	34	SAN	6						
		H	TEH	TSH	F*1	00006	720PR	TRH+	0.0TO+	0.1	3.16	23	SAI	2						
12	10	H	TEH	TSH	F*1	00006	720PR	TRH+	0.1TO+	0.2	1.40	26	SAI	2						
15	10	H	TEH	TSH	F*0	00006	720PR	TRH-	2.3TO-	2.2	3.52	17	SAI	2						
1	11	H	TEH	TSH	F*0	00009	720PR	TRH-	2.4TO-	2.2	10.72	23	MAN	2		00028	2.74	21	MAI	2
2	11	H	TEH	TSH	F*0	00008	720PR	TRH-	2.8TO-	2.6	7.14	23	SAI	2						
3	11	H	TEH	TSH	F*0	00009	720PR	TRH-	2.5TO-	2.4	6.01	17	MAI	2						
4	11	H	TEH	TSH	F*1	00008	720PR	1BH-	1.3TO-	1.1	6.67	21	MAI	2		00027	0.47	21	SAI	2
		H	TEH	TSH	F*1	00008	720PR	1EH-	3.8TO-	3.6	12.23	24	MAI	2		00027	2.63	17	SAI	2
5	11	H	TEH	TSH	F*1	00009	720PR	1BH-	1.3TO-	1.2	5.09	16	MAI	2		00028	0.54	8	SAI	2
		H	TEH	TSH	F*1	00009	720PR	1BH-	3.7TO-	3.6	7.24	20	SAI	2						
13	11	H	TEH	TSH	F*0	00009	720PR	TRH-	2.4TO-	2.3	6.63	20	SAI	2						
14	11	H	TEH	1HH	F*1	00117	730CR	1BH-	1.2TO-	1.1	0.51	18	MAN	6						
		H	TEH	TSH	F*1	00010	720PR	TRH+	0.1TO+	0.2	1.70	22	MAI	2						
1	12	H	TEH	TSH	F*0	00009	720PR	TRH-	2.5TO-	2.2	16.55	25	MAN	2		00031	2.87	23	MAI	2
2	12	H	TEH	TSH	F*0	00009	720PR	TRH-	2.5TO-	2.4	6.92	16	SAN	2		00029	1.44	18	SAI	2
7	12	H	TEH	TSH	F*0	00010	720PR	TRH-	2.4TO-	2.4	1.98	17	SAI	2						
11	12	H	TEH	1HH	F*1	00117	730CR	1BH-	1.1TO-	1.1	0.46	24	SAN	6						
		H	TEH	TSH	F*1	00010	720PR	TRH+	0.1TO+	0.2	1.25	16	SAI	2						
14	12	H	TEH	TSH	F*1	00009	720PR	1BH-	1.2TO-	1.0	11.56	19	MAN	2		00030	1.56	10	MAI	2
		H	TEH	TSH	F*1	00009	720PR	1BH-	3.7TO-	3.5	15.01	20	SAN	2		00030	2.83	10	SAI	2
								TEH+	1.0TO+	6.0					00127			NE1		
15	12	H	TEH	TSH	F*0	00010	720PR	TRH-	2.4TO-	2.4	1.30	23	SAI	2						

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

NAI,MAN,MC1,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 2 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
28	12	H	TEH	TSH	F*0	00009	720PR	TRH-	2.4TO-	2.3	7.67	21	MAI	2					
1	13	H	TEH	TSH	F*0	00009	720PR	TRH-	2.4TO-	2.3	8.18	20	MAN	2	00031	0.85	18	MAI	2
2	13	H	TEH	TSH	F*1	00010	720PR	1BH-	1.3TO-	0.9	14.88	32	MAN	2	00029	2.75	31	MAI	2
		H	TEH	TSH	F*1	00010	720PR	1BH-	3.7TO-	3.5	6.18	30	MAN	2	00029	6.09	26	MAI	2
4	13	H	TEH	TSH	F*1	00010	720PR	1BH-	1.2TO-	1.1	3.54	20	SAI	2	00029	0.59	17	SAI	2
6	13	H	TEH	TSH	F*0	00010	720PR	TRH-	2.4TO-	2.3	4.33	19	SAI	2					
7	13	H	TEH	TSH	F*0	00009	720PR	TRH-	2.5TO-	2.3	17.74	20	SAI	2					
22	13	H	TEH	TSH	F*0	00010	720PR	TRH-	2.4TO-	2.3	7.17	26	MAN	2	00029	2.18	25	MAI	2
1	14	H	TEH	TSH	F*0	00009	720PR	TRH-	2.4TO-	2.2	14.23	17	MAI	2	00031	1.97	15	SAI	2
2	14	H	TEH	1HH	F*1	00117	730CR	1BH-	3.6TO-	3.4	6.31	21	SAN	6					
		H	TEH	TSH	F*1	00010	720PR	TRH-	1.6TO-	1.4	8.67	22	SAI	2					
7	14	H	TEH	TSH	F*1	00117	730CR	1BH-	3.7TO-	3.6	4.51	20	SAN	6					
		H	TEH	TSH	F*1	00009	720PR	TRH-	1.5TO-	1.4	7.62	13	SAI	2					
11	14	H	TEH	TSH	F*1	00009	720PR	1BH-	1.1TO-	0.9	9.91	14	MAN	2	00029	1.30	17	MAI	2
19	14	H	TEH	TSH	PLG	00114	720PR	TRH+	7.2TO+	7.8	0.66	140	VON	2					
		H	TEH	TSH	PLG	00009	720PR	TRH+	7.2TO+	8.0	1.84	174	VOL	2	00029	0.25	161	VOL	2
1	15	H	TEH	TSH	F*1	00009	720PR	1BH-	1.2TO-	1.1	8.37	21	MAN	2	00031	0.47	15	MAI	2
7	15	H	TEH	TSH	F*0	00009	720PR	TRH-	2.4TO-	2.2	13.77	18	SAI	2					
9	15	H	TEH	TSH	PLG	00114	720PR	TRH+	0.1TO+	0.1	5.05	27	MAN	2					
		H	TEH	TSH	PLG	00009	720PR	TRH+	0.1TO+	0.3	5.36	24	MAI	2					
13	15	H	TEH	TSH	F*1	00011	720PR	1BH-	1.3TO-	0.9	11.87	28	MAN	2	00031	0.94	13	MAI	2
16	15	H	TEH	TSH	F*1	00012	720PR	1BH-	1.3TO-	1.1	7.02	21	MAN	2	00029	1.38	21	MAI	2
		H	TEH	TSH	F*1	00012	720PR	1BH-	3.8TO-	3.6	8.77	20	SAN	2	00029	1.08	20	SAI	2
18	15	H	TEH	TSH	F*1	00012	720PR	1BH-	1.2TO-	1.1	4.83	24	MAN	2	00029	1.60	17	MAI	2
27	15	H	TEH	TSH	F*0	00011	720PR	TRH-	2.4TO-	2.3	7.21	29	SAI	2					
1	16	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.3	0.42	48	SAN	6					
		H	TEH	1HH	F*1	00117	730CR	1BH-	3.6TO-	3.4	12.14	25	MAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.2TO+	0.2	1.68	23	SAI	2					
		H	TEH	TSH	F*1	00014	720PR	TRH-	2.4TO-	2.1	13.26	22	MAI	2					
2	16	H	TEH	TSH	F*0	00012	720PR	TRH-	2.3TO-	2.2	7.31	19	SAI	2					
3	16	H	TEH	TSH	F*0	00011	720PR	TRH-	2.4TO-	2.3	3.84	21	SAI	2					
4	16	H	TEH	TSH	F*1	00012	720PR	1BH-	1.4TO-	1.0	8.35	20	MAN	2	00029	1.78	18	MAI	2
5	16	H	TEH	TSH	F*0	00011	720PR	TRH-	2.4TO-	2.3	6.15	22	SAI	2					
7	16	H	TEH	TSH	F*0	00011	720PR	TRH-	2.4TO-	2.1	13.87	29	MAI	2					

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 3 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
8	16	H	TEH	1HH	F*1	00117	730CR	1BH-	1.2TO-	1.1	1.22	20	MAN	6					
		H	TEH	TSH	F*1	00012	720PR	TRH+	0.1TO+	0.2	2.35	16	MAI	2					
17	16	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.79	17	SAN	6					
		H	TEH	TSH	F*1	00011	720PR	TRH+	0.0TO+	0.1	2.40	20	SAI	2					
18	16	H	TEH	TSH	F*0	00011	720PR	TRH-	2.5TO-	2.4	3.37	23	MAI	2					
29	16	H	TEH	TSH	F*1	00012	720PR	1BH-	1.2TO-	1.1	5.72	12	MAN	2	00029	1.62	14	MAI	2
1	17	H	TEH	TSH	F*1	00014	720PR	1BH-	1.4TO-	1.1	12.04	10	MAN	2	00033	2.44	14	MAI	2
		H	TEH	TSH	F*1	00014	720PR	1BH-	3.7TO-	3.6	2.55	7	MAN	2	00033	6.44	30	MAI	2
2	17	H	TEH	TSH	F*0	00013	720PR	TRH-	2.5TO-	2.3	6.94	24	SAI	2					
4	17	H	TEH	TSH	F*0	00013	720PR	TRH-	2.5TO-	2.4	3.78	22	SAI	2					
6	17	H	TEH	TSH	F*0	00013	720PR	TRH-	2.4TO-	2.3	4.25	21	MAI	2					
7	17	H	TEH	TSH	F*0	00014	720PR	TRH-	2.3TO-	2.2	2.47	18	MAI	2					
14	17	H	TEH	TSH	F*1	00013	720PR	1BH-	1.2TO-	1.1	7.03	26	SAN	2	00032	0.86	9	SAI	2
18	17	H	TEH	TSH	F*1	00013	720PR	TRH+	0.1TO+	0.2	1.58	27	SAI	2					
19	17	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.32	159	SAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.1TO+	0.2	2.18	24	SAI	2					
25	17	H	TEH	1HH	F*1	00117	730CR	1BH-	3.6TO-	3.5	2.64	15	SAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.2TO+	0.2	2.14	15	MAI	2					
		H	TEH	TSH	F*1	00014	720PR	TRH-	1.4TO-	1.4	2.67	12	SAI	2					
1	18	H	TEH	1HH	F*1	00117	730CR	1BH-	1.2TO-	1.2	0.24	31	MAN	6					
		H	TEH	1HH	F*1	00117	730CR	1BH-	3.6TO-	3.4	8.23	20	MAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.1TO+	0.2	3.08	11	MAI	2					
		H	TEH	TSH	F*1	00014	720PR	TRH-	2.3TO-	2.2	7.04	17	MAN	2	00035	1.30	20	MAI	2
3	18	H	TEH	TSH	F*1	00014	720PR	1BH-	1.3TO-	1.2	4.32	15	SAN	2	00035	0.80	6	SAI	2
4	18	H	TEH	TSH	F*1	00013	720PR	1BH-	1.4TO-	1.0	11.81	23	MAN	2	00034	1.66	20	MAI	2
5	18	H	TEH	TSH	F*1	00014	720PR	1BH-	1.4TO-	1.0	11.81	24	MAN	2	00035	0.80	18	MAI	2
								TEH+	1.0TO+	6.0				00127			ME1		
19	18	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.67	31	MAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.1TO+	0.2	3.28	24	MAI	2					
27	18	H	TEH	1HH	F*1	00117	730CR	1BH-	1.2TO-	1.1	0.54	29	SAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.2TO+	0.3	1.93	13	SAI	2					
33	18	H	TEH	TSH	F*0	00014	720PR	TRH-	2.6TO-	2.6	1.82	14	SAI	2					
1	19	H	TEH	TSH	F*1	00014	720PR	1BH-	1.3TO-	1.1	17.21	26	MAN	2	00035	1.00	19	MAI	2
		H	TEH	TSH	F*1	00014	720PR	1BH-	3.7TO-	3.4	16.79	27	MAN	2	00035	4.50	27	MAI	2
4	19	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.53	20	SAN	6					
		H	TEH	TSH	F*1	00013	720PR	TRH+	0.1TO+	0.2	2.17	22	SAI	2					

# CUMULATIVE INDICATIONS REPORT

## PRAIRIE ISLAND, UNIT 2

Generator: 21

Log.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH ÷ 2.4 TO TEH + 2.8

Page: 4 of 23  
Date: 04/08/97  
Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
6	19	H	TEH	TSH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.50	29	MAN	6					
		H	TEH	TSH	F*1	00117	730CR	1BH-	3.7TO-	3.6	5.89	21	MAN	6					
		H	TEH	TSH	F*1	00013	720PR	TRH+	0.1TO+	0.1	2.35	21	SAI	2					
		H	TEH	TSH	F*1	00013	720PR	TRH-	2.4TO-	2.3	7.93	23	MAI	2					
7	19	H	TEH	TSH	F*0	00014	720PR	TRH-	2.3TO-	2.2	3.76	16	SAI	2					
9	19	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.41	40	MAN	6					
		H	TEH	TSH	F*1	00014	720PR	TRH+	0.1TO+	0.2	1.70	19	MAI	2					
19	19	H	TEH	TSH	F*1	00015	720PR	1BH-	1.3TO-	1.1	2.77	21	MAN	2	00035	0.45	20	MAI	2
22	19	H	TEH	TSH	F*0	00103	720MR	TRH-	2.4TO-	2.3	2.44	20	SAI	2					
23	19	H	TEH	1HH	F*1	00117	730CR	1BH-	1.1TO-	1.0	0.34	46	SAN	6					
		H	TEH	TSH	F*1	00015	720PR	TRH+	0.1TO+	0.1	1.98	22	SAI	2					
25	19	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.36	37	MAN	6					
		H	TEH	TSH	F*1	00015	720PR	TRH+	0.1TO+	0.1	1.34	13	MAI	2					
27	19	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.1	0.29	45	MAN	6					
		H	TEH	1HH	F*1	00117	730CR	1BH-	3.7TO-	3.6	2.22	18	SAN	6					
		H	TEH	TSH	F*1	00015	720PR	TRH+	0.2TO+	0.3	2.14	20	MAI	2					
		H	TEH	TSH	F*1	00015	720PR	TRH-	2.4TO-	2.3	2.24	15	SAI	2					
31	19	H	TEH	TSH	F*1	00015	720PR	TRH+	0.1TO+	0.2	1.40	10	MAI	2					
1	20	H	TEH	TSH	PLG	00114	720PR	1BH-	1.3TO-	0.7	29.23	36	MAN	2					
		H	TEH	TSH	PLG	00018	720PR	1BH-	1.5TO-	0.8	26.30	28	MAI	2	00035	1.00	15	MAI	2
		H	TEH	TSH	PLG	00114	720PR	1BH-	3.5TO-	3.2	2.53	17	MAN	2					
		H	TEH	TSH	PLG	00018	720PR	1BH-	3.9TO-	3.4	21.64	27	MAN	2	00035	3.90	15	MAI	2
4	20	H	TEH	1HH	F*1	00117	730CR	1BH-	1.0TO-	0.9	0.37	14	SAN	6					
		H	TEH	TSH	F*1	00017	720PR	TRH+	0.1TO+	0.1	1.36	19	SAI	2					
5	20	H	TEH	TSH	PLG	00114	720PR	1BH-	1.4TO-	0.9	28.98	33	MAN	2					
		H	TEH	TSH	PLG	00018	720PR	1BH-	1.5TO-	0.9	27.23	27	MAI	2	00035	1.20	15	MAI	2
6	20	H	TEH	TSH	F*0	00017	720PR	TRH-	2.4TO-	2.4	11.76	24	SAI	2	00034	2.50	20	SAI	2
7	20	H	TEH	TSH	F*1	00018	720PR	1BH-	1.4TO-	1.0	14.56	15	MAI	2	00035	1.00	15	MAI	2
		H	TEH	TSH	F*1	00018	720PR	1BH-	3.6TO-	3.5	13.71	14	MAN	2	00035	2.75	18	MAI	2
9	20	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.63	30	SAN	6					
		H	TEH	TSH	F*1	00018	720PR	TRH+	0.2TO+	0.3	1.26	13	SAI	2					
13	20	H	TEH	TSH	F*1	00018	720PR	1BH-	1.4TO-	0.9	11.27	22	MAN	2	00035	1.20	15	MAI	2
17	20	H	TEH	TSH	F*1	00085	720PR	1BH-	1.2TO-	1.2	5.03	15	MAN	2	00035	0.50	15	MAI	2
25	20	H	TEH	TSH	F*0	00015	720PR	TRH-	2.4TO-	2.4	3.47	11	MAI	2					
27	20	H	TEH	TSH	F*1	00015	720PR	1BH-	1.1TO-	0.9	7.74	22	MAN	2	00034	1.77	18	MAI	2
29	20	H	TEH	TSH	F*1	00015	720PR	1BH-	1.2TO-	1.0	4.64	11	MAN	2	00034	0.95	8	MAI	2
33	20	H	TEH	TSH	F*0	00015	720PR	TRH-	2.6TO-	2.5	5.56	18	MAN	2	00034	2.95	14	MAI	2
6	21	H	TEH	TSH	F*0	00018	720PR	TRH-	2.5TO-	2.3	11.80	17	MAI	2					

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 5 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
7	21	H	TEH	TSH	F*1	00017	720PR	1BH-	1.2TO-	1.1	13.97	34	MAN	2	00034	1.00	15	MAI	2
		H	TEH	TSH	F*1	00017	720PR	1BH-	3.6TO-	3.5	16.20	29	MAN	2		2.90	20	MAI	2
8	21	H	TEH	TSH	F*0	00018	720PR	TRH-	2.4TO-	2.3	5.85	16	MAI	2					
9	21	H	TEH	TSH	F*1	00018	720PR	1BH-	1.3TO-	1.1	8.74	19	MAN	2	00034	0.60	20	MAI	2
11	21	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.28	17	SAN	6					
		H	TEH	TSH	F*1	00018	720PR	TRH+	0.2TO+	0.4	1.55	7	SAI	2					
14	21	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.42	30	SAN	6					
		H	TEH	TSH	F*1	00017	720PR	TRH+	0.1TO+	0.1	1.25	17	SAI	2					
16	21	H	TEH	TSH	F*1	00017	720PR	1BH-	1.2TO-	1.1	7.69	26	MAN	2	00035	0.5	15	MAI	2
17	21	H	TEH	TSH	F*1	00018	720PR	1BH-	1.3TO-	1.1	5.84	16	MAN	2	00034	0.68	27	MAI	2
18	21	H	TEH	TSH	PLG	00017	720PR	1BH-	1.3TO-	0.9	16.77	38	MAN	2	00035	1.30	15	MAI	2
		H	TEH	TSH	PLG	00114	720PR	1BH-	1.4TO-	1.0	19.00	34	MAN	2					
24	21	H	TEH	TSH	F*1	00017	720PR	1BH-	1.3TO-	1.2	6.81	26	MAN	2	00035	0.75	15	MAI	2
26	21	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.31	51	SAN	6					
		H	TEH	TSH	F*1	00017	720PR	TRH+	0.1TO+	0.1	1.81	17	SAI	2					
31	21	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.97	13	SAN	6					
		H	TEH	1HH	F*1	00117	730CR	1BH-	3.6TO-	3.5	6.61	15	SAN	6					
		H	TEH	TSH	F*1	00018	720PR	TRH+	0.1TO+	0.2	1.96	13	SAI	2					
		H	TEH	TSH	F*1	00018	720PR	TRH-	2.4TO-	2.2	7.82	15	SAI	2					
33	21	H	TEH	TSH	F*0	00018	720PR	TRH-	2.5TO-	2.3	9.55	21	SAI	2					
1	22	H	TEH	TSH	F*1	00020	720PR	1BH-	1.2TO-	1.1	16.39	20	MAN	2	00037	0.58	15	MAI	2
		H	TEH	TSH	F*1	00020	720PR	1BH-	3.8TO-	3.4	35.53	26	MAN	2		5.75	29	MAI	2
2	22	H	TEH	TSH	F*1	00020	720PR	1BH-	1.3TO-	1.1	11.16	18	MAN	2	00037	0.50	15	MAI	2
3	22	H	TEH	TSH	F*1	00019	720PR	1BH-	1.4TO-	0.8	24.69	41	MAN	2	00036	1.75	21	MAI	2
					TEH+			2.7	2.91						47	DRI	P3		
4	22	H	TEH	TSH	F*1	00020	720PR	1BH-	1.2TO-	1.1	9.54	16	MAN	2	00037	0.50	15	MAI	2
5	22	H	TEH	TSH	F*0	00019	720PR	TRH-	2.4TO-	2.3	5.16	29	SAI	2					
7	22	H	TEH	TSH	F*0	00019	720PR	TRH-	2.5TO-	2.2	6.31	21	SAN	2	00036	1.50	11	SAI	2
8	22	H	TEH	TSH	F*1	00020	720PR	1BH-	1.3TO-	1.1	9.85	19	MAN	2	00037	0.75	15	MAI	2
		H	TEH	TSH	F*1	00020	720PR	1BH-	3.8TO-	3.6	15.05	21	MAN	2		1.75	17	MAI	2
14	22	H	TEH	TSH	F*1	00018	720PR	1BH-	1.3TO-	1.2	3.17	11	MAN	2	00037	0.47	6	MAI	2
16	22	H	TEH	TSH	F*1	00018	720PR	1BH-	1.3TO-	1.2	7.03	11	MAN	2	00037	0.69	10	MAI	2
17	22	H	TEH	TSH	F*1	00017	720PR	1BH-	1.2TO-	1.0	7.51	29	MAN	2	00036	0.90	12	MAI	2
32	22	H	TEH	TSH	F*0	00018	720PR	TRH-	2.4TO-	2.3	4.82	13	SAI	2					
39	22	H	TEH	TSH	F*1	00017	720PR	1BH-	1.2TO-	1.1	5.91	17	SAN	2	00034	1.64	11	SAI	2
1	23	H	TEH	TSH	F*0	00020	720PR	TRH-	2.4TO-	2.3	23.12	24	SAN	2	00037	3.00	15	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,NCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 6 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT					05/95				
			BEG	END							VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
3	23	H	TEH	TSH	F*1	00020	720PR	1BH-	1.2TO-	1.1	19.80	24	MAN	2		00037	1.46	24	MAI	2
6	23	H	TEH	TSH	F*1	00019	720PR	1BH-	1.1TO-	1.0	4.14	17	MAI	2		00036	0.42	21	SAI	2
		H	TEH	TSH	F*1	00019	720PR	1BH-	3.7TO-	3.5	8.02	24	MAI	2		00036	1.50	24	SAI	2
8	23	H	TEH	TSH	F*1	00019	720PR	TRH+	0.1TO+	0.1	0.81	12	MAI	2						
12	23	H	TEH	1HH	F*1	00117	730CR	1BH-	1.2TO-	1.2	0.25	19	MAN	6						
		H	TEH	TSH	F*1	00019	720PR	TRH+	0.1TO+	0.1	0.79	20	MAI	2						
14	23	H	TEH	TSH	F*1	00019	720PR	1BH-	1.4TO-	0.9	7.58	24	MAN	2		00037	0.75	15	MAI	2
16	23	H	TEH	TSH	F*1	00019	720PR	1BH-	1.3TO-	1.1	3.34	23	MAN	2		00037	0.70	15	MAI	2
19	23	H	TEH	TSH	F*1	00020	720PR	1BH-	1.2TO-	1.2	4.01	17	MAN	2		00036	0.52	21	MAI	2
24	23	H	TEH	1HH	F*1	00117	730CR	1BH-	3.5TO-	3.4	3.44	14	SAN	6						
		H	TEH	TSH	F*1	00019	720PR	TRH+	0.1TO+	0.2	1.06	18	MAI	2						
30	23	H	TEH	1HH	F*1	00117	730CR	1BH-	1.0TO-	0.9	0.37	55	MAN	6						
		H	TEH	TSH	F*1	00019	720PR	TRH+	0.0TO+	0.1	2.83	23	MAI	2						
31	23	H	TEH	TSH	F*1	00020	720PR	TRH+	0.1TO+	0.1	3.42	16	SAI	2						
1	24	C	07H	07C	PLG	00111	680PR	07H+	10.6TO+	11.1	12.79	21	MAI	2						
		H	07C	07H	PLG	00115	680PR	07H+	10.9TO+	11.5	4.51	25	MAI	2						
		H	TEH	TSH	PLG	00022	720PR	TRH-	2.6TO-	2.2	19.63	31	MAI	2		00041	2.69	26	MAI	2
3	24	H	TEH	1HH	F*1	00117	730CR	1BH-	1.5TO-	1.5	1.07	13	MAN	6						
		H	TEH	TSH	F*1	00022	720PR	TRH+	0.1TO+	0.1	1.33	26	SAI	2						
5	24	H	TEH	TSH	F*1	00022	720PR	1BH-	1.2TO-	1.1	5.67	23	MAN	2		00041	1.11	22	MAI	2
6	24	H	TEH	TSH	F*1	00021	720PR	1BH-	1.1TO-	0.8	1.22	30	MAN	2		00040	0.80	15	MAI	2
		H	TEH	TSH	F*1	00021	720PR	1BH-	3.5TO-	3.3	1.04	29	MAN	2		00040	2.00	15	MAI	2
7	24	H	TEH	TSH	F*0	00022	720PR	TRH-	2.5TO-	2.4	8.10	23	SAI	2						
9	24	H	TEH	TSH	F*1	00022	720PR	1BH-	1.2TO-	1.1	5.19	23	SAN	2		00041	0.54	24	SAI	2
12	24	H	TEH	TSH	F*1	00021	720PR	1BH-	1.1TO-	0.9	1.21	30	MAN	2		00040	0.82	25	MAI	2
27	24	C	TSC	01C	PLG	00127	720PR	TSC-	0.1TO+	0.1	0.56	56	VON	2		00008	0.55	128	22	P1
		C	TEC	TSC	PLG	00005	720PR	TSC-	0.1TO+	0.1	0.56	101	VOL	P1		00097	0.19	51	VOL	2
30	24	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.39	15	MAN	6						
		H	TEH	TSH	F*1	00019	720PR	TRH+	0.1TO+	0.1	2.09	15	MAI	2						
40	24	C	TEC	TSC	PLG	00025	720PR	TSC+	3.8TO+	4.2	0.75	123	VOL	2						
		C	TSC	01C	PLG	00127	720PR	TSC+	4.3TO+	4.7	0.81	125	VON	2						
4	25	H	TEH	1HH	F*2	00117	730CR	1BH+	1.1TO+	1.5	3.17	101	SAI	6						
		H	TEH	1HH	F*2	00117	730CR	1BH-	1.3TO-	1.2	0.57	29	MAN	6						
		H	TEH	2HH	F*2	00120	730CR	2BH-	0.8TO-	0.4	3.57	106	SAN	6						
		H	TEH	2HH	F*2	00120	730CR	2BH-	3.1TO-	3.0	0.35	37	SAN	6						
		H	TEH	TSH	F*2	00021	720PR	TRH+	0.0TO+	0.2	0.55	32	MAI	2						
8	25	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.5	0.53	31	SAN	6						
		H	TEH	TSH	F*1	00021	720PR	TRH+	0.1TO+	0.1	0.20	21	SAI	2						

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOW for the entire length  
INF from TEH + 2.4 TO TEH + 2.8

Page: 7 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT				05/95				
			BEG	END	REM						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
14	25	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.51	25	MAN	6					
		H	TEH	TSH	F*1	00022	720PR	TRH+	0.1TO+	0.2	2.04	25	MAI	2					
16	25	H	TEH	TSH	F*1	00022	720PR	1BH-	1.3TO-	1.1	8.32	24	SAN	2	00040	1.02	29	SAI	2
19	25	H	TEH	1HH	F*2	00117	730CR	1BH-	1.3TO-	1.2	0.76	18	MAN	6					
		H	TEH	2HH	F*2	00120	730CR	2BH-	3.0TO-	3.0	0.43	34	MAN	6					
		H	TEH	TSH	F*2	00021	720PR	TRH+	0.1TO+	0.2	0.35	28	MAI	2					
4	26	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.57	51	SAN	6					
		H	TEH	TSH	F*1	00023	720PR	TRH+	0.1TO+	0.2	4.03	29	SAI	2					
5	26	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.3	0.51	28	SAN	6					
		H	TEH	TSH	F*1	00024	720PR	TRH+	0.1TO+	0.1	2.26	18	SAI	2					
17	26	H	TEH	TSH	F*1	00024	720PR	1BH-	1.2TO-	1.2	4.55	11	SAN	2	00043	0.52	15	SAI	2
18	26	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.36	80	MAN	6					
		H	TEH	TSH	F*1	00084	720PR	TRH+	0.1TO+	0.2	0.44	39	SAI	2					
7	27	H	TEH	TSH	PLG	00024	720PR	1BH+	1.1TO+	1.2	2.68	14	SAI	2					
		H	TEH	TSH	PLG	00114	720PR	1BH+	1.2TO+	1.3	3.79	16	SAN	2					
		H	TEH	TSH	PLG	00114	720PR	1BH+	17.1TO+	17.2	0.41	91	SAI	2					
		H	TEH	TSH	PLG	00114	720PR	1BH-	1.4TO-	0.9	34.00	35	MAN	2	00043	2.82	31	MAI	2
		H	TEH	TSH	PLG	00024	720PR	1BH-	1.5TO-	0.9	34.50	32	MAN	2					
8	27	H	TEH	TSH	F*1	00023	720PR	1BH-	1.2TO-	1.1	3.37	11	SAN	2	00059	0.38	8	SAI	2
12	27	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.41	17	MAN	6					
		H	TEH	TSH	F*1	00023	720PR	TRH+	0.1TO+	0.2	1.63	18	MAI	2					
17	27	H	TEH	TSH	F*1	00024	720PR	1BH-	1.3TO-	1.2	8.05	20	MAN	2	00043	1.20	17	MAI	2
26	27	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.46	38	MAN	6					
		H	TEH	TSH	F*1	00023	720PR	TRH+	0.1TO+	0.2	1.30	19	MAI	2					
27	27	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.22	31	MAN	6					
		H	TEH	TSH	F*1	00024	720PR	TRH+	0.0TO+	0.1	1.16	17	MAI	2					
28	27	H	TEH	TSH	F*1	00023	720PR	1BH-	1.2TO-	1.0	5.13	13	SAN	2	00059	0.54	9	SAI	2
30	27	H	TEH	TSH	F*1	00023	720PR	1BH-	1.2TO-	0.9	12.64	19	MAN	2	00010	3.25	37	DRI	P3
								TEH+	2.8TO+	3.0					00060	1.77	10	MAI	2
32	27	H	TEH	TSH	F*1	00023	720PR	1BH-	1.1TO-	1.0	7.21	16	SAN	2	00059	0.55	16	SAI	2
1	28	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.1	14.86	29	MAN	2	00060	1.79	18	MAI	2
3	28	H	TEH	TSH	F*1	00025	720PR	1BH-	1.2TO-	1.1	20.40	34	MAN	2	00060	1.86	42	MAI	2
5	28	H	TEH	TSH	F*1	00025	720PR	1BH-	1.2TO-	1.1	4.21	24	MAN	2	00060	0.70	22	MAI	2
6	28	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.3	0.27	12	SAN	6					
		H	TEH	TSH	F*1	00025	720PR	TRH-	0.0TO+	0.1	1.95	16	SAI	2					
9	28	H	TEH	TSH	F*1	00027	720PR	1BH-	1.3TO-	1.0	16.70	27	SAN	2	00060	2.78	11	SAI	2
11	28	H	TEH	TSH	F*1	00027	720PR	1BH-	0.9TO-	0.8	13.78	25	SAN	2	00060	2.73	11	SAI	2
14	28	H	TEH	TSH	F*1	00025	720PR	1BH-	1.2TO-	1.1	6.14	30	SAN	2	00059	0.74	9	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				CH	05/95				
			BEG	END						VOLTS	DEG	%			REEL	VOLTS	DEG	%	CH
15	28	H	TEH	TSH	F*1	00027	720PR	1BH-	1.2TO-	1.1	1.30	17	SAN	2	00060	0.23	24	SAI	2
16	28	H	TEH	TSH	F*1	00025	720PR	1BH-	1.2TO-	1.1	9.35	34	MAN	2	00059	0.84	13	MAI	2
18	28	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.57	31	MAN	6					
		H	TEH	TSH	F*1	00025	720PR	TRH+	0.1TO+	0.2	2.47	31	MAI	2					
19	28	H	TEH	TSH	F*1	00027	720PR	1BH-	1.3TO-	1.1	9.28	25	MAN	2	00060	1.36	17	MAI	2
20	28	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.73	22	SAN	6					
		H	TEH	TSH	F*1	00025	720PR	TRH+	0.1TO+	0.2	0.86	30	SAI	2					
21	28	H	TEH	TSH	F*1	00027	720PR	1BH-	1.1TO-	0.9	10.63	20	MAN	2	00060	2.42	9	MAI	2
23	28	H	TEH	TSH	F*1	00027	720PR	1BH-	1.1TO-	1.0	6.01	19	MAN	2	00060	2.78	8	MAI	2
38	28	H	TEH	TSH	F*1	00023	720PR	1BH-	1.3TO-	1.1	5.09	17	MAN	2	00043	0.64	20	MAI	2
4	29	H	TEH	TSH	F*1	00025	720PR	1BH-	1.3TO-	1.0	9.47	23	MAN	2	00059	1.11	19	MAI	2
7	29	H	TEH	TSH	F*1	00025	720PR	1BH-	1.2TO-	1.1	2.91	16	MAN	2	00060	0.09	49	MAI	2
13	29	H	TEH	TSH	F*2	00025	720PR	2BH-	3.6TO-	3.5	2.69	13	SAN	2	00060	0.62	19	SAI	2
								TEH+	1.0TO+	6.0					00127			NE1	
								TEH+	1.0TO+	6.0					00128			NE1	
16	29	H	TEH	TSH	F*1	00028	720PR	1BH-	1.2TO-	1.0	4.51	27	SAN	2	00059	0.69	14	SAI	2
18	29	H	TEH	TSH	F*1	00028	720PR	1BH-	1.3TO-	1.0	10.50	29	SAN	2	00059	0.92	12	SAI	2
23	29	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.1	1.05	13	MAN	6					
		H	TEH	TSH	F*1	00025	720PR	TRH+	0.0TO+	0.2	1.98	18	MAI	2					
26	29	H	TEH	TSH	F*1	00028	720PR	TRH+	0.1TO+	0.2	1.51	17	SAI	2					
27	29	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.43	39	MAN	6					
		H	TEH	TSH	F*1	00025	720PR	TRH+	0.0TO+	0.2	2.11	16	MAI	2					
29	29	H	TEH	TSH	PLG	00025	720PR	TSH+	0.0TO+	0.3	0.64	113	VOL	2					
		H	TEH	TSH	PLG	00114	720PR	TSH-	0.1TO+	0.1	0.70	106	VON	2					
31	29	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.36	39	MAN	6					
		H	TEH	TSH	F*1	00025	720PR	TRH-	0.1TO+	0.2	3.17	19	MAI	2					
1	30	H	TEH	1HH	F*1	00117	730CR	1BH-	1.4TO-	1.4	0.63	28	MAN	6					
		H	TEH	TSH	F*1	00028	720PR	TRH+	0.2TO+	0.3	2.21	22	MAI	2					
3	30	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.36	58	MAN	6					
		H	TEH	TSH	F*1	00028	720PR	TRH+	0.1TO+	0.3	3.39	30	MAI	2					
4	30	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.2	14.26	21	MAN	2	00062	0.15	30	MAI	2
6	30	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.2	14.51	19	MAN	2	00062	0.35	26	MAI	2
8	30	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.2	6.97	16	SAN	2	00062	0.25	16	SAI	2
9	30	H	TEH	TSH	F*1	00028	720PR	1BH-	1.4TO-	1.0	19.52	33	MAN	2	00061	1.76	20	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT					05/95				
			BEG	END							VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
14	30	H	TEH	TSH	PLG	00025	720PR	1BH-	1.4TO-	1.3	6.03	13	MAN	2	00062	0.43	19	MAI	2	
		H	TEH	2HH	PLG	00120	730CR	2BH-	3.2TO-	3.1	3.94	16	MAN	6						
		H	TEH	2HH	PLG	00123	730CR	2BH-	3.2TO-	3.1	10.98	15	MAN	6						
								TEH+	1.0TO+	6.0								NE1		
21	30	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.50	24	MAN	6						
		H	TEH	TSH	F*1	00028	720PR	TRH+	0.2TO+	0.3	1.88	27	MAI	2						
3	31	H	TEH	TSH	F*1	00028	720PR	1BH-	1.2TO-	1.1	2.77	27	MAI	2	00062	0.46	16	SAI	2	
4	31	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.1	13.41	22	MAN	2	00061	2.84	18	MAI	2	
6	31	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.1	13.35	19	SAN	2	00061	2.33	15	SAI	2	
22	31	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.2	0.67	12	SAN	6						
		H	TEH	TSH	F*1	00029	720PR	TRH+	0.2TO+	0.3	2.09	19	SAI	2						
23	31	H	TEH	TSH	F*1	00030	720PR	1BH-	1.0TO-	1.0	3.19	17	SAN	2	00062	0.36	20	SAI	2	
25	31	H	TEH	TSH	F*1	00030	720PR	1BH-	1.1TO-	0.9	6.67	26	MAN	2	00062	0.85	18	MAI	2	
37	31	H	TEH	TSH	F*1	00030	720PR	TRH+	0.1TO+	0.2	1.73	16	MAI	2						
1	32	H	TEH	TSH	F*1	00030	720PR	1BH-	1.6TO-	1.0	12.19	34	MAI	2	00062	0.93	22	MAI	2	
								TEH+	0.0TO+	0.4					00062	0.24	76	MAI	2	
6	32	H	TEH	TSH	F*1	00029	720PR	1BH-	1.4TO-	0.9	11.14	23	MAN	2	00061	2.05	18	MAI	2	
16	32	H	TEH	TSH	PLG	00029	720PR	2BH-	2.9TO-	2.8	2.06	14	MAN	2	00061	0.74	6	SAI	2	
								TEH+	1.0TO+	6.0										
								TEH+	1.0TO+	6.0										
18	32	H	TEH	TSH	PLG	00029	720PR	TSH+	2.1TO+	2.6	0.19	111	SAI	2						
		H	TEH	TSH	PLG	00114	720PR	TSH+	2.1TO+	2.7	1.37	103	SAI	2						
23	32	H	TEH	TSH	PLG	00029	720PR	1BH-	1.5TO-	0.7	30.82	35	MAI	2	00012	2.40	51	DRI	P3	
		H	TEH	TSH	PLG	00114	720PR	1BH-	1.5TO-	0.8	61.84	38	MAN	2						
								TEH+	2.4TO+	2.9										
25	32	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.48	11	SAN	6						
		H	TEH	TSH	F*1	00084	720PR	TRH+	0.1TO+	0.1	1.30	20	SAI	2						
		H	TEH	TSH	F*1	00029	720PR	TRH+	0.2TO+	0.2	1.25	21	SAI	2						
30	32	H	TEH	TSH	F*1	00030	720PR	1BH-	1.3TO-	1.1	9.22	25	SAN	2	00061	1.35	11	SAI	2	
32	32	H	TEH	TSH	F*1	00030	720PR	1BH-	1.1TO-	1.0	3.57	7	SAN	2	00061	0.59	4	SAI	2	
3	33	H	TEH	TSH	F*1	00030	720PR	1BH-	1.3TO-	1.2	7.71	27	MAN	2	00062	1.41	14	MAI	2	
7	33	H	TEH	TSH	F*1	00030	720PR	1BH-	1.3TO-	1.2	8.18	22	MAN	2	00062	0.43	30	MAI	2	
8	33	H	TEH	TSH	F*1	00029	720PR	1BH-	1.3TO-	0.9	9.56	22	MAN	2	00061	1.43	8	MAI	2	
21	33	H	TEH	TSH	F*1	00030	720PR	1BH-	1.2TO-	1.1	5.63	20	MAN	2	00062	0.24	27	MAI	2	
27	33	H	TEH	TSH	F*1	00032	720PR	1BH-	1.3TO-	1.2	3.86	16	MAN	2	00062	0.17	8	SAI	2	
3	34	H	TEH	TSH	F*1	00031	720PR	1BH-	1.2TO-	1.1	12.39	20	MAN	2	00067	1.10	10	MAI	2	
8	34	H	TEH	TSH	F*1	00032	720PR	1BH-	1.4TO-	1.3	6.14	21	MAN	2	00067	0.40	15	MAI	2	

# CUMULATIVE INDICATIONS REPORT

## PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MC,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT BEG/END	REM	REEL	PROBE	LOCATION	CURRENT VOLTS/DEG/%	CH	REEL	05/95 VOLTS/DEG/%	CH
10	34	H	TEH TSH	F*1	00032	720PR	1BH- 1.4TO-	1.2 10.44 21	MAN 2	00063	1.35 16	MAI 2
23	34	H	TEH TSH	F*1	00032	720PR	1BH- 1.3TO-	1.2 2.38 22	MAN 2	00063	0.35 7	MAI 2
32	34	H	TEH TSH	PLG	00114	720PR	TRH+ 18.2TO+	18.7 0.48 113	SAI 2			
		H	TEH TSH	PLG	00032	720PR	TSH- 0.1TO+	0.1 0.30 136	VOL 2			
		H	TEH TSH	PLG	00114	720PR	TSH- 0.1TO+	0.1 0.36 108	VOM 2			
34	34	H	TEH TSH	F*1	00032	720PR	1BH- 1.3TO-	1.2 2.55 9	MAN 2	00067	0.35 6	MAI 2
1	35	H	TEH TSH	F*0	00084	720PR	TRH- 2.3TO-	2.2 6.67 19	SAI 2	00067	1.21 15	SAI 2
7	35	H	TEH TSH	PLG	00031	720PR	1BH+ 16.5TO+	16.9 0.10 109	SAI 2			
		H	TEH TSH	PLG	00114	720PR	1BH+ 17.0TO+	17.3 0.61 142	SAI 2			
		H	TEH TSH	PLG	00114	720PR	1BH- 1.4TO-	0.9 22.76 36	MAN 2			
		H	TEH TSH	PLG	00031	720PR	1BH- 1.4TO-	1.0 15.02 32	MAI 2	00047	1.32 55	DRI P3
							TEH+ 2.6TO+	2.8		00066	2.60 24	MAI 2
8	35	H	TEH TSH	F*1	00031	720PR	1BH- 1.3TO-	1.1 2.48 19	MAN 2	00066	0.70 20	MAI 2
13	35	H	TEH TSH	F*1	00031	720PR	1BH- 1.4TO-	1.1 13.48 24	MAI 2	00064	0.60 15	MAI 2
4	36	H	TEH 1HH	F*1	00117	730CR	1BH- 1.3TO-	1.3 0.33 33	MAN 6			
		H	TEH TSH	F*1	00033	720PR	TRH+ 0.2TO+	0.2 1.32 19	MAI 2			
5	36	H	TEH TSH	F*2	00034	720PR	1BH- 0.4TO+	0.0 2.38 17	MAI 2	00064	0.41 9	MAI 2
		H	TEH TSH	F*2	00034	720PR	1BH- 1.2TO-	1.0 4.85 15	MAN 2			
		H	TEH 2HH	F*2	00120	730CR	2BH- 2.6TO-	1.9 13.45 24	MAN 6			
		H	TEH 2HH	F*2	00120	730CR	2BH- 3.0TO-	2.9 5.12 15	MAN 6			
6	36	H	TEH TSH	F*1	00033	720PR	1BH- 1.2TO-	1.1 7.29 28	MAN 2	00065	0.70 17	MAI 2
7	36	H	TEH TSH	F*1	00033	720PR	TRH+ 0.1TO+	0.2 1.07 15	SAI 2			
8	36	H	TEH TSH	F*1	00034	720PR	1BH- 1.3TO-	1.2 7.24 17	MAN 2	00065	0.50 15	MAI 2
14	36	H	TEH TSH	F*2	00034	720PR	TRH+ 0.1TO+	0.2 0.91 9	MAI 2			
17	36	H	TEH 1HH	PLG	00117	730CR	1BH- 1.3TO-	1.2 0.49 37	SAN 6			
		H	TEH 2HH	PLG	00123	730CR	2BH- 3.0TO-	2.9 1.05 41	SAN 6			
		H	TEH 2HH	PLG	00120	730CR	2BH- 3.0TO-	3.0 0.44 40	SAN 6			
		H	TEH TSH	PLG	00033	720PR	TRH+ 0.1TO+	0.2 2.05 10	SAI 2			
20	36	H	TEH TSH	F*1	00034	720PR	1BH- 1.4TO-	1.3 4.38 19	MAN 2	00064	0.43 10	MAI 2
22	36	H	TEH TSH	F*1	00034	720PR	1BH- 1.4TO-	1.3 3.08 11	SAN 2	00064	0.72 7	SAI 2
4	37	H	TEH 1HH	F*1	00117	730CR	1BH- 1.3TO-	1.3 0.80 22	SAN 6			
		H	TEH TSH	F*1	00033	720PR	TRH+ 0.1TO+	0.1 1.12 21	SAI 2			
6	37	H	TEH TSH	F*1	00033	720PR	1BH- 1.2TO-	1.0 6.05 15	MAN 2	00064	0.52 20	MAI 2
8	37	H	TEH TSH	F*1	00033	720PR	1BH- 1.0TO-	0.9 5.55 12	MAN 2	00064	0.25 15	MAI 2
13	37	H	TEH TSH	F*1	00033	720PR	1BH- 1.4TO-	0.9 13.26 23	MAN 2	00065	1.60 16	MAI 2
14	37	H	TEH 1HH	PLG	00117	730CR	1BH- 1.3TO-	1.3 0.26 10	SAN 6			
		H	TEH 2HH	PLG	00120	730CR	2BH- 3.2TO-	3.1 0.39 8	SAN 6			
		H	TEH 2HH	PLG	00123	730CR	2BH- 3.2TO-	3.1 2.09 12	SAN 6			
		H	TEH TSH	PLG	00034	720PR	TRH+ 0.1TO+	0.2 0.82 12	SAI 2			

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOW for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			REG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
21	37	H	TEH	TSH	F*1	00033	720PR	1BH-	1.2TO-	1.1	2.45	15	SAN	2	00065	0.62	8	SAI	2
27	37	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.96	25	MAN	6					
		H	TEH	TSH	F*1	00033	720PR	TRH+	0.1TO+	0.2	1.33	20	MAI	2					
1	38	H	TEH	1HH	F*1	00117	730CR	1BH-	1.4TO-	1.3	0.29	102	MAN	6					
		H	TEH	TSH	F*1	00036	720PR	TRH+	0.1TO+	0.2	1.22	30	MAI	2					
3	38	H	TEH	TSH	F*1	00036	720PR	1BH-	1.6TO-	1.4	3.09	17	MAN	2	00069	0.73	25	MAI	2
4	38	H	TEH	TSH	F*1	00035	720PR	1BH-	1.3TO-	1.1	5.40	22	MAN	2	00068	0.91	16	MAI	2
7	38	H	TEH	TSH	F*1	00036	720PR	1BH-	1.6TO-	1.4	7.30	17	MAN	2	00069	0.63	25	MAI	2
9	38	H	TEH	TSH	F*1	00036	720PR	1BH-	1.5TO-	1.4	7.97	17	MAN	2	00069	1.23	25	MAI	2
13	38	H	TEH	TSH	F*1	00036	720PR	1BH-	1.8TO-	1.6	4.67	18	SAN	2	00069	1.24	25	SAI	2
18	38	H	TEH	TSH	PLG	00036	720PR	TRH+	0.1TO+	0.1	1.50	15	SAI	2					
24	38	H	TEH	1HH	F*1	00118	730CR	1BH-	1.2TO-	1.2	0.82	191	SAN	6					
		H	TEH	TSH	F*1	00036	720PR	TRH+	0.2TO+	0.3	2.72	15	SAI	2					
4	39	H	TEH	TSH	F*1	00035	720PR	1BH-	1.2TO-	1.0	11.49	24	MAN	2	00068	1.23	20	MAI	2
9	39	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.2	0.38	9	SAN	6					
		H	TEH	TSH	F*1	00036	720PR	TRH+	0.1TO+	0.2	1.46	17	SAI	2					
12	39	H	TEH	TSH	F*1	00035	720PR	1BH-	1.2TO-	1.1	3.56	22	SAN	2	00068	0.56	14	SAI	2
20	39	H	TEH	TSH	F*1	00035	720PR	1BH-	1.1TO-	1.1	3.77	20	SAN	2	00111	0.73	7	SAI	2
21	39	H	TEH	TSH	F*1	00036	720PR	1BH-	1.4TO-	1.3	3.24	15	SAN	2	00069	0.76	29	SAI	5
25	39	H	TEH	TSH	F*1	00036	720PR	1BH-	1.4TO-	1.3	1.87	13	MAN	2	00069	0.53	22	MAI	2
3	40	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.3	0.43	22	MAN	6					
		H	TEH	TSH	F*1	00038	720PR	TRH+	0.1TO+	0.2	1.49	11	MAI	2					
10	40	H	TEH	TSH	F*1	00037	720PR	1BH-	1.3TO-	1.2	5.17	24	MAN	2	00072	0.84	17	MAI	2
12	40	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.3	0.32	27	MAN	6					
		H	TEH	TSH	F*1	00119	730CR	1BH-	1.5TO-	1.4	0.38	52	MAN	6					
		H	TEH	TSH	F*1	00037	720PR	TRH+	0.0TO+	0.2	3.83	19	MAI	2					
14	40	H	TEH	TSH	F*2	00037	720PR	1TH-	0.5TO-	1.8					00129	0.30	152	MAI	2
								2BH-	3.3TO-	1.1	0.71	133	MAI	2	00015	0.36	139	INR	P1
						00037	720PR	2BH-	3.4TO-	3.3	7.14	21	MAN	2	00070	0.77	14	MAI	2
								TRH+	0.8TO+	1.0					00070	0.17	144	MAI	2
3	41	H	TEH	1HH	F*1	00117	730CR	1BH-	1.3TO-	1.3	0.32	24	SAN	6					
		H	TEH	TSH	F*1	00038	720PR	TRH+	0.2TO+	0.2	1.18	18	SAI	2					
4	41	H	TEH	TSH	F*1	00037	720PR	1BH-	1.4TO-	1.1	17.94	35	MAI	2	00074	1.68	16	MAI	2
5	41	H	TEH	TSH	F*1	00038	720PR	1BH-	1.3TO-	1.1	6.55	15	MAI	2	00073	0.70	13	SAI	2
7	41	H	TEH	TSH	F*1	00038	720PR	1BH-	1.3TO-	1.1	8.40	20	MAI	2	00073	0.73	14	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				CH	05/95					
			BEG	END						VOLTS	DEG	%	REEL		VOLTS	DEG	%	CH		
9	41	H H	TEH TEH	TSH TSH	PLG PLG	00114 00038	720PR 720PR	1BH- 1BH- TEH+	1.4TO- 1.5TO- 2.5TO+	0.8 0.9 2.9	35.71 33.23	37 36	MAN MAI	2 2		00047 00073	3.36 4.20	40 28	DRI MAI	P3 2
10	41	H H	TEH TEH	TSH TSH	PLG PLG	00114 00037	720PR 720PR	1BH- 1BH- TEH+	1.4TO- 1.6TO- 2.6TO+	0.9 1.0 2.8	15.53 13.51	28 30	MAN MAI	2 2		00047 00074	1.98 2.36	43 26	DRI MAI	P3 2
12	41	H	TEH	TSH	F*1	00037	720PR	1BH-	1.3TO-	1.2	7.26	22	MAN	2		00074	1.05	18	MAI	2
14	41	H H	TEH TEH	1HH TSH	F*1 F*1	00118 00037	730CR 720PR	1BH- TRH+	0.9TO- 0.8TO+	0.2 0.9	0.83 0.42	128 128	MAN SAI	6 2						
25	41	H	TEH	TSH	F*0	00038	720PR	TRH-	2.4TO-	2.3	5.31	13	SAI	2						
2	42	H	TEH	TSH	F*1	00037	720PR	1BH-	1.4TO-	1.3	6.26	10	MAN	2		00074	0.47	7	SAI	2
3	42	H H	TEH TEH	1HH TSH	F*1 F*1	00117 00038	730CR 720PR	1BH- TRH+	1.3TO- 0.2TO+	1.2 0.3	0.35 2.23	48 14	MAN MAI	6 2						
7	42	H	TEH	TSH	F*1	00038	720PR	1BH-	1.2TO-	1.1	6.92	13	SAN	2		00073	1.57	6	SAI	2
8	42	H H	TEH TEH	1HH TSH	F*1 F*1	00117 00038	730CR 720PR	1BH- TRH+	1.3TO- 0.2TO+	1.2 0.2	0.43 1.58	32 9	MAN MAI	6 2						
9	42	H H	TEH TEH	1HH TSH	F*1 F*1	00117 00038	730CR 720PR	1BH- TRH+	1.2TO- 0.2TO+	1.1 0.3	0.46 2.07	27 16	SAN SAI	6 2						
15	42	H	TEH	TSH	F*1	00038	720PR	1BH-	1.3TO-	1.2	7.88	14	MAN	2		00111	1.37	9	MAI	2
3	43	H H H	TEH TEH TEH	TSH TSH TSH	PLG PLG PLG	00114 00114 00084	720PR 720PR 720PR	1BH+ 1BH- 1BH-	17.6TO+ 1.4TO- 1.6TO-	17.9 0.8 1.2	0.39 36.05 30.51	104 36 38	SAI MAN MAN	2 2 2		00073 00047	3.10 1.93	16 43	MAI DRI	2 P3
5	43	H	TEH	TSH	F*1	00089	720PR	1BH-	1.3TO-	1.2	4.75	17	SAN	2		00073	1.14	5	SAI	2
7	43	H	TEH	TSH	F*1	00089	720PR	1BH-	1.2TO-	1.1	5.04	21	MAN	2		00073	1.65	6	SAI	2
8	43	H	TEH	TSH	F*1	00089	720PR	1BH-	1.2TO-	1.1	8.23	19	SAN	2		00074	1.10	14	SAI	2
9	43	H	TEH	TSH	F*1	00089	720PR	1BH-	1.2TO-	1.1	8.61	25	MAN	2		00073	1.65	12	MAI	2
12	43	H	TEH	TSH	F*1	00039	720PR	TRH+	0.2TO+	0.2	1.65	22	SAI	2						
23	43	H	TEH	TSH	F*1	00040	720PR	1BH-	1.3TO-	1.1	6.21	12	MAN	2		00073	1.26	5	MAI	2
24	43	H	TEH	TSH	F*1	00039	720PR	1BH- TEH+	1.4TO- 2.5TO+	0.9 2.9	31.53	39	MAI	2		00019 00074	1.63 6.00	29 25	DRI MAI	P3 2
4	44	H H	TEH TEH	1HH TSH	F*1 F*1	00117 00092	730CR 720PR	1BH- TRH+	1.3TO- 0.1TO+	1.2 0.2	0.33 0.70	51 17	MAN MAI	6 2						
8	44	H H	TEH TEH	1HH TSH	F*1 F*1	00117 00092	730CR 720PR	1BH- TRH+	1.1TO- 0.1TO+	1.1 0.2	0.48 0.48	26 14	SAN SAI	6 2						
10	44	H H	TEH TEH	TSH TSH	F*2 F*2	00040 00040	720PR 720PR	1TH- 2BH- 2BH-	1.0TO- 2.9TO- 3.4TO-	2.0 2.0 3.2						00124 00076	1.16 0.84	165 7	SAI SAI	2 2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MA1,MAH,MC1,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 13 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
12	44	H	TEH	TSH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.53	23	MAN	6					
		H	TEH	TSH	F*1	00039	720PR	TRH+	0.1TO+	0.2	2.25	23	MAI	2					
18	44	H	TEH	TSH	PLG	00114	720PR	1BH+	16.7TO+	17.5	1.41	116	MAI	2					
		H	TEH	TSH	PLG	00114	720PR	1BH-	1.4TO-	0.9	32.95	34	MAH	2					
		H	TEH	TSH	PLG	00040	720PR	1BH-	1.4TO-	1.1	31.52	34	MAN	2					
		H	TEH	TSH	PLG	00021	720PR	1BH-	1.5TO-	1.0	26.21	38	MAN	2	00075	2.06	25	MAI	2
		H	TEH	TSH	PLG	00116	730CR	2BH+	14.4TO+	15.6	1.79	116	MAI	6					
		H	TEH	TSH	PLG	00116	730CR	2BH-	3.2TO-	2.7	27.12	34	MAN	6					
21	44	H	TEH	TSH	F*1	00039	720PR	TRH+	0.2TO+	0.2	1.78	11	SAI	2					
24	44	H	TEH	TSH	F*1	00040	720PR	1BH-	1.5TO-	1.3	13.27	22	MAN	2	00075	1.36	19	MAI	2
46	44	C	O1C	O1C	PLG	00121	720PR	O1C-	0.2TO+	0.1	4.75	88	VOL	2	00022	1.07	117	32	P1
3	45	H	TEH	TSH	F*1	00092	720PR	1BH-	1.4TO-	0.8	8.21	38	MAN	2	00056	3.75	44	DR1	P3
								TEH+	2.5TO+	2.7					00076	1.99	15	MAI	2
9	45	H	TEH	TSH	F*1	00092	720PR	1BH-	1.2TO-	1.0	1.75	15	SAN	2	00076	0.80	10	SAI	2
12	45	H	TEH	TSH	F*1	00039	720PR	1BH-	1.5TO-	0.9	16.00	40	MAI	2	00021	2.40	41	DR1	P3
								TEH+	2.8TO+	3.2					00075	1.65	26	MAI	2
13	45	H	TEH	TSH	F*1	00040	720PR	1BH-	1.6TO-	1.1	43.02	38	MAI	2	00022	2.08	40	DR1	P3
								TEH+	2.5TO+	2.7					00076	3.38	18	MAI	2
14	45	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.45	32	SAN	6					
		H	TEH	TSH	F*1	00039	720PR	TRH+	0.2TO+	0.2	1.59	17	SAI	2					
16	45	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.76	18	MAN	6					
		H	TEH	TSH	F*1	00039	720PR	TRH+	0.2TO+	0.3	2.45	22	MAI	2					
30	45	H	TEH	TSH	F*1	00039	720PR	1BH-	1.4TO-	1.3	3.83	10	MAI	2	00075	0.59	10	SAI	2
34	45	H	TEH	TSH	F*1	00039	720PR	TRH+	0.1TO+	0.1	1.12	24	SAI	2					
3	46	H	TEH	TSH	F*1	00077	720PR	1BH-	1.3TO-	0.9	14.73	38	MAN	2	00103	0.40	26	MAI	2
4	46	H	TEH	TSH	F*1	00077	720PR	1BH-	1.2TO-	1.0	3.92	27	MAN	2	00103	0.64	17	MAI	2
6	46	H	TEH	1HH	F*1	00121	730CR	1BH-	1.6TO-	1.5	0.28	104	MAN	6					
		H	TEH	TSH	F*1	00077	720PR	TRH+	0.1TO+	0.2	2.10	35	MAI	2					
8	46	H	TEH	TSH	F*1	00077	720PR	1BH-	1.2TO-	1.0	6.86	30	MAN	2	00103	0.83	22	MAI	2
12	46	H	TEH	1HH	F*2	00118	730CR	1BH-	0.9TO-	0.1	2.20	121	MAI	6					
		H	TEH	1HH	F*2	00118	730CR	1BH-	1.3TO-	1.2	0.49	28	MAN	6					
		H	TEH	2HH	F*2	00120	730CR	2BH-	2.6TO-	1.7	1.41	95	MAN	6					
		H	TEH	2HH	F*2	00120	730CR	2BH-	2.9TO-	2.9	0.72	16	MAN	6					
		H	TEH	TSH	F*2	00041	720PR	TRH+	0.1TO+	0.3	1.18	21	MAI	2					
14	46	H	TEH	TSH	F*1	00042	720PR	1BH-	1.4TO-	1.3	9.96	22	MAN	2	00003	0.30	28	MAI	2
19	46	H	TEH	TSH	F*0	00041	720PR	TRH-	2.6TO-	2.4	9.97	27	MAI	2					
20	46	H	TEH	TSH	F*2	00042	720PR	2BH-	2.1TO-	0.9	0.53	160	SAN	2	00124	0.65	172	SAI	2
		H	TEH	TSH	F*2	00042	720PR	2BH-	3.5TO-	3.1	3.31	13	SAN	2	00003	0.09	26	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEK + 2.4 TO TEN + 2.8

Page: 14 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT					05/95				
			BEG	END	REM						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
21	46	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.32	29	SAN	6						
		H	TEH	TSH	F*1	00041	720PR	TRH+	0.1TO+	0.2	1.66	20	SAI	2						
22	46	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.43	13	SAN	6						
		H	TEH	TSH	F*1	00042	720PR	TRH+	0.2TO+	0.3	1.84	21	SAI	2						
1	47	H	TEH	TSH	F*0	00077	720PR	TRH-	2.4TO-	2.0	13.69	25	MAI	2						
3	47	H	TEH	TSH	F*1	00077	720PR	1BH-	1.3TO-	1.0			INF		00102	1.51	14	MAI	2	
4	47	H	TEH	TSH	F*1	00077	720PR	1BH-	1.2TO-	1.1	10.13	22	MAN	2		00102	1.07	12	MAI	2
5	47							1TH-	1.2TO-	2.0					00124	0.96	169	SAI	2	
		H	TEH	TSH	F*2	00077	720PR	2BH-	2.8TO-	2.1	1.33	169	SAN	2	00103	0.30	8	SAI	2	
7	47	H	TEH	TSH	F*1	00077	720PR	1BH-	1.4TO-	0.6	66.89	34	MAI	2		00105	3.59	60	DRI	P3
								TEH+	2.4TO+	3.0					00103	8.71	43	MAI	2	
8	47	H	TEH	TSH	F*1	00077	720PR	1BH-	1.2TO-	1.1	1.33	22	SAN	2		00103	0.27	11	SAI	2
9	47	H	TEH	TSH	F*1	00077	720PR	1BH-	0.7TO-	0.2	1.16	173	SAN	2						
		H	TEH	TSH	F*1	00077	720PR	1BH-	1.2TO-	1.0	2.53	30	MAN	2	00103	1.11	20	MAI	2	
12	47							1TH-	1.5TO-	2.0					00124	1.00	169	SAI	2	
		H	TEH	TSH	F*1	00041	720PR	1BH-	0.8TO-	0.7	0.93	142	SAN	2	00029	1.28	67	DRI	P3	
13	47	H	TEH	TSH	F*1	00041	720PR	1BH-	1.3TO-	1.2	11.05	24	MAN	2	00003	1.03	21	MAI	2	
		H	TEH	TSH	F*1	00041	720PR	1TH-	1.8TO-	2.0					00124	0.72	144	SAI	2	
13	47	H	TEH	TSH	F*1	00041	720PR	1BH-	1.5TO-	1.1	19.07	27	MAI	2		00002	0.90	14	MAI	2
18	47	H	TEH	1HH	F*2	00118	730CR	1BH-	1.4TO-	1.3	0.65	28	MAN	6						
		H	TEH	TSH	F*2	00123	730CR	2BH-	3.1TO-	3.1	1.09	156	MAN	6						
		H	TEH	2HH	F*2	00123	730CR	2BH-	4.5TO-	4.4	1.82	63	MAN	6						
		H	TEH	TSH	F*2	00123	730CR	2BH-	4.5TO-	4.4	1.82	63	MAN	6						
		H	TEH	2HH	F*2	00120	730CR	2BH-	4.5TO-	4.5	2.14	153	MAN	6						
		H	TEH	TSH	F*2	00042	720PR	TRH+	0.1TO+	0.3	3.40	26	MAI	2						
23	47	H	TEH	TSH	F*1	00041	720PR	TRH+	0.1TO+	0.2	1.30	11	MAI	2						
24	47	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.26	172	MAN	6						
		H	TEH	TSH	F*1	00042	720PR	TRH+	0.1TO+	0.3	1.18	18	MAI	2						
36	47	H	TEH	TSH	F*1	00042	720PR	TRH+	0.1TO+	0.3	1.78	15	MAI	2						
37	47	H	TEH	1HH	F*1	00121	730CR	1BH-	1.7TO-	1.6	0.43	26	SAN	6						
		H	TEH	TSH	F*1	00041	720PR	TRH+	0.1TO+	0.2	1.92	12	SAI	2						
1	48	H	TEH	TSH	F*0	00075	720PR	TRH-	2.4TO-	2.1	9.63	23	SAN	2		00103	0.32	57	SAI	2
4	48	H	TEH	TSH	F*1	00078	720PR	1BH-	1.1TO-	1.0	11.10	33	MAN	2		00103	1.57	35	MAI	2
6	48	H	TEH	TSH	F*1	00078	720PR	1BH-	1.1TO-	1.0	2.71		SAN	2		00103	0.46	2	SAI	2
10	48							1TH-	1.4TO-	2.0					00124	0.67	169	SAI	2	
		H	TEH	TSH	F*2	00077	720PR	2BH-	2.8TO-	2.2	0.93	172	SAN	2	00103	0.60	19	SAI	2	
12	48	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	1.21	23	MAN	6						
		H	TEH	TSH	F*1	00041	720PR	TRH+	0.0TO+	0.2	3.83	23	MAI	2						

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release..: 2.2

MAI,MAN,MC1,SA1,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 15 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95					
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH	
44	48	C	01C	01C	PLG	00122	720PR	01C-	0.3TO+	0.2	1.23	87	VOL	2		00030	0.75	129	33	P1
8	49	H	TEH	TSH	F*2	00078	720PR	1TH+	0.8TO-	2.1						00124	0.50	132	SAI	2
		H	TEH	TSH	F*2	00078	720PR	2BH-	2.9TO-	1.9	1.06	151	SAN	2						
		H	TEH	TSH	F*2	00078	720PR	2BH-	3.1TO-	3.0	7.57	25	MAN	2		00103	1.09	28	MAI	2
13	49	H	TEH	TSH	F*1	00043	720PR	1BH-	1.4TO-	1.3	6.09	17	MAN	2		00004	0.25	9	MAI	2
14	49	H	TEH	TSH	F*1	00044	720PR	1BH-	0.6TO-	0.5	0.56	108	SAI	2						
		H	TEH	TSH	F*1	00044	720PR	1BH-	1.6TO-	1.4	9.03	19	MAN	2		00005	0.67	26	MAI	2
18	49	H	TEH	1HH	PLG	00118	730CR	1BH-	1.4TO-	1.4	0.74	29	SAN	6						
		H	TEH	2HH	PLG	00120	730CR	2BH-	0.4TO-	0.3	0.38	118	SAI	6						
		H	TEH	2HH	PLG	00123	730CR	2BH-	0.4TO-	0.4	0.79	138	SAN	6						
		H	TEH	2HH	PLG	00120	730CR	2BH-	2.9TO-	2.9	0.39	156	SAN	6						
		H	TEH	2HH	PLG	00123	730CR	2BH-	3.1TO-	3.0	1.98	22	SAN	6						
		H	TEH	TSH	PLG	00044	720PR	TRH+	0.1TO+	0.2	3.03	13	SAI	2						
29	49	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.1	0.69	22	MAN	6						
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.1TO+	0.2	1.31	13	MAI	2						
31	49	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.27	10	SAN	6						
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.0TO+	0.2	1.92	10	SAI	2						
2	50	H	TEH	TSH	F*1	00074	720PR	1BH-	1.5TO-	0.8	32.49	42	MAN	2		00105	2.91	50	DRI	P3
								TEH+	2.7TO+	3.3						00103	3.81	29	MAI	2
4	50	H	TEH	TSH	F*1	00075	720PR	1BH-	1.3TO-	1.1	10.06	25	MAN	2		00103	1.37	27	MAI	2
5	50	H	TEH	TSH	F*1	00077	720PR	1BH-	1.2TO-	1.1	14.74	26	MAN	2		00102	1.07	14	MAI	2
7	50	H	TEH	TSH	F*1	00077	720PR	1BH-	1.1TO-	0.9	16.73	39	MAN	2		00105	1.11	68	DRI	P3
								TEH+	2.5TO+	2.6						00104	2.19	32	MAI	2
10	50	H	TEH	TSH	F*1	00076	720PR	1BH-	1.3TO-	1.1	5.99	16	MAN	2		00103	1.48	22	MAI	2
12	50	H	TEH	TSH	F*1	00043	720PR	1BH-	1.3TO-	1.2	9.82	20	MAN	2		00009	1.14	16	MAI	2
14	50	H	TEH	TSH	F*2	00043	720PR	1BH-	0.4TO-	0.0	0.40	130	SAI	2						
		H	TEH	TSH	F*2	00043	720PR	1BH-	1.3TO-	1.2	4.09	13	MAN	2		00009	0.47	8	SAI	2
		H	TEH	2HH	F*2	00120	730CR	2BH-	2.0TO-	1.8	0.46	117	SAN	6						
		H	TEH	2HH	F*2	00120	7 OCR	2BH-	2.9TO-	2.8	4.89	19	MAN	6						
21	50	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.98	19	SAN	6						
		H	TEH	TSH	F*1	00044	720PR	TRH+	0.1TO+	0.2	1.12	14	SAI	2						
25	50	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.96	16	SAN	6						
		H	TEH	TSH	F*1	00044	720PR	TRH+	0.2TO+	0.2	1.79	10	SAI	2						
1	51	H	TEH	TSH	F*1	00075	720PR	1BH-	1.3TO-	1.2	6.11	17	SAN	2		00100	0.18	34	SAI	2
								TEH+	1.0TO+	6.0						00127			NE1	
								TEH+	3.8TO+	5.0						00123			NR1	
								TEH+	3.8TO+	5.0						00124			NR1	
4	51	H	TEH	TSH	F*1	00074	720PR	1BH-	1.2TO-	1.2	1.16	13	MAN	2		00104	0.33	29	MAI	2
5	51	H	TEH	TSH	F*1	00075	720PR	1BH-	1.3TO-	1.1	10.19	26	MAN	2		00052	1.44	67	DRI	P3
								TEH+	2.5TO+	2.6						00104	1.15	31	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,NCI,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95				
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
7	51	H	TEH	1HH	PLG	00121	730CR	1BH-	1.4TO+	2.3	0.82	107	MAI	6				
		H	TEH	TSH	PLG	00076	720PR	TRH+	0.5TO+	1.6	0.24	93	SAI	2				
8	51	H	TEH	TSH	F*1	00077	720PR	1BH-	1.3TO-	1.1	26.86	37	MAN	2	00052	1.27	75	DRI
								TEH+	2.4TO+	2.6					00104	1.94	35	MAI
11	51	H	TEH	1HH	F*1	00121	730CR	1BH-	1.9TO-	1.7	0.32	24	SAN	6				
		H	TEH	TSH	F*1	00081	720PR	TRH+	0.1TO+	0.2	1.06	8	SAI	2				
14	51	H	TEH	TSH	F*1	00046	720PR	TRH+	0.1TO+	0.2	1.38	16	SAI	2				
1	52	H	TEH	TSH	F*1	00075	720PR	1BH-	1.2TO-	1.1	2.11	15	SAN	2	00052	0.87	77	DRI
								TEH+	2.5TO+	2.6					00100	0.41	16	SAI
2	52	H	TEH	TSH	F*1	00075	720PR	1BH-	1.3TO-	1.2	20.39	34	MAN	2	00052	1.61	68	DRI
								TEH+	2.6TO+	2.9					00101	1.08	22	MAI
3	52	H	TEH	TSH	F*1	00074	720PR	1BH-	1.2TO-	1.1	4.86	18	MAN	2	00052	0.67	78	DRI
		H	TEH	TSH	F*1	00104	720MR	1BH-	1.2TO-	1.1	6.50	18	MAN	2				
								TEH+	2.4TO+	2.5					00101	0.54	15	MAI
4	52	H	TEH	TSH	F*1	00075	720PR	1BH-	1.3TO-	1.2	3.86	20	SAN	2	00101	0.50	16	SAI
5	52	H	TEH	1HH	F*1	00121	730CR	1BH-	1.7TO-	1.6	0.47	31	MAN	6				
		H	TEH	TSH	F*1	00074	720PR	TRH+	0.1TO+	0.2	2.38	20	MAI	2				
11	52	H	TEH	1HH	F*1	00121	730CR	1BH-	1.7TO-	1.6	0.32	23	MAN	6				
		H	TEH	TSH	F*1	00081	720PR	TRH+	0.1TO+	0.2	2.77	18	MAI	2				
12	52	H	TEH	1HH	F*2	00121	730CR	1BH-	0.0TO+	0.2	0.65	22	SAI	6				
		H	TEH	1HH	F*2	00121	730CR	1BH-	0.9TO-	0.7	0.53	121	SAI	6				
		H	TEH	1HH	F*2	00121	730CR	1BH-	1.7TO-	1.7	0.39	51	SAN	6				
		H	TEH	2HH	F*2	00123	730CR	2BH-	1.9TO-	1.8	2.86	14	SAN	6				
		H	TEH	2HH	F*2	00123	730CR	2BH-	2.4TO-	2.1	1.70	132	SAN	6				
		H	TEH	2HH	F*2	00123	730CR	2BH-	3.1TO-	3.0	0.86	94	SAN	6				
		H	TEH	TSH	F*2	00050	720PR	TRH+	0.1TO+	0.2	2.12	16	SAI	2				
14	52	H	TEH	TSH	F*1	00045	720PR	1BH-	1.5TO-	0.8	52.60	33	MAN	2	00009	6.20	23	MAI
								TEH+	2.4						00032	2.16	58	DRI
22	52	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.66	14	SAN	6				
		H	TEH	TSH	F*1	00046	720PR	TRH+	0.2TO+	0.3	0.91	12	SAI	2				
4	53	H	TEH	TSH	F*1	00074	720PR	1BH-	1.2TO-	1.0	7.19	15	SAN	2	00099	0.62	10	SAI
7	53	H	TEH	TSH	F*1	00075	720PR	1BH-	1.4TO-	1.2	5.00	17	SAN	2	00100	0.20	27	SAI
10	53	H	TEH	TSH	F*1	00074	720PR	1BH-	1.4TO-	1.2	6.95	20	SAN	2	00100	0.85	17	SAI
1	54	H	TEH	TSH	F*1	00075	720PR	1BH-	1.4TO-	1.3	2.44	10	SAN	2	00098	0.31	31	SAI
7	54	H	TEH	TSH	F*1	00074	720PR	1BH-	1.2TO-	1.0	4.06	16	MAN	2	00099	0.65	7	MAI
11	54	H	TEH	TSH	F*1	00050	720PR	1BH-	1.5TO-	1.0	17.62	34	MAI	2	00013	0.72	31	MAI
								TEH+	2.6						00033	3.65	53	DRI
14	54	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	1.30	14	MAN	6				
		H	TEH	TSH	F*1	00050	720PR	TRH-	0.1TO-	0.0	2.58	14	MAI	2				
19	54	H	TEH	TSH	F*1	00047	720PR	1BH-	1.5TO-	1.3	0.84	13	MAN	2	00012	0.51	8	SAI

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21  
 Leg.....: Hot and Cold Legs  
 Release...: 2.2  
 MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length  
 INF from TEH + 2.4 TO TEH + 2.8

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 Date: 04/08/97  
 Time: 14:26

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT				05/95				
			BEG	END	REM						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
21	54	H	TEH	1HH	F*1	00118	730CR	1BH-	1.1TO-	1.1	0.55	25	MAN	6					
		H	TEH	TSH	F*1	00047	720PR	TRH+	0.1TO+	0.3	2.08	18	MAI	2					
4	55	H	TEH	TSH	F*1	00072	720PR	1BH-	1.6TO-	1.0	23.98	27	MAN	2	00099	1.26	16	MAI	2
7	55	H	TEH	1HH	F*1	00121	730CR	1BH-	1.6TO-	1.5	0.34	153	SAN	6					
		H	TEH	TSH	F*1	00073	720PR	TRH+	0.1TO+	0.2	1.21	11	SAI	2					
10	55	H	TEH	TSH	F*1	00072	720PR	1BH-	1.5TO-	1.0	15.17	28	MAN	2	00099	1.42	11	MAI	2
								TEH+	2.2						00105	1.45	60	DRI	P3
11	55	H	TEH	TSH	F*1	00049	720PR	1BH-	1.5TO-	1.2	7.25	23	SAI	2	00013	0.53	14	MAI	2
14	55	H	TEH	TSH	PLG	00114	720PR	1BH+	17.2TO+	17.5	0.54	96	SAI	2					
		H	TEH	TSH	PLG	00114	720PR	1BH-	1.2TO-	0.5	61.34	34	MAN	2					
		H	TEH	TSH	PLG	00049	720PR	1BH-	1.5TO-	0.7	56.93	36	SAI	2	00012	5.19	23	MAI	2
23	55	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.88	17	MAN	6					
		H	TEH	TSH	F*1	00048	720PR	TRH+	0.2TO+	0.4	3.14	11	MAI	2					
2	56	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.54	31	MAN	6					
		H	TEH	TSH	F*1	00072	720PR	TRH+	0.1TO+	0.2	3.19	13	MAI	2					
4	56	H	TEH	1HH	F*1	00121	730CR	1BH-	1.6TO-	1.5	0.48	36	MAN	6					
		H	TEH	TSH	F*1	00072	720PR	TRH+	0.1TO+	0.2	2.48	21	MAI	2					
6	56	H	TEH	TSH	F*1	00072	720PR	1BH-	1.4TO-	1.2	9.12	21	MAN	2	00052	1.18	70	DRI	P3
								TEH+	2.6TO+	2.8					00099	0.54	13	MAI	2
7	56	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.2	10.41	16	MAN	2	00098	0.61	20	MAI	2
10	56	H	TEH	TSH	F*1	00072	720PR	1BH-	1.3TO-	1.0	16.17	26	MAN	2	00052	1.71	66	DRI	P3
								TEH+	2.7TO+	2.8					00099	1.08	12	MAI	2
11	56	H	TEH	TSH	F*1	00050	720PR	1BH-	1.3TO-	1.1	7.72	18	MAN	2	00080	1.28	23	MAI	2
16	56	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.40	46	SAN	6					
		H	TEH	TSH	F*1	00050	720PR	TRH+	0.1TO+	0.2	1.73	16	SAI	2					
1	57	H	TEH	TSH	F*1	00073	720PR	1BH-	1.3TO-	1.3	2.35	7	SAN	2	00098	0.60	14	SAI	2
4	57	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.76	25	SAN	6					
		H	TEH	TSH	F*1	00072	720PR	TRH+	0.0TO+	0.2	2.37	19	SAI	2					
6	57	H	TEH	TSH	F*1	00072	720PR	1BH-	1.4TO-	1.2	5.92	15	MAN	2	00099	0.89	6	MAI	2
7	57	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.50	44	MAN	6					
		H	TEH	TSH	F*1	00073	720PR	TRH+	0.0TO+	0.2	3.59	197	MAI	2					
8	57	H	TEH	TSH	F*1	00072	720PR	1BH-	0.5TO-	0.2	2.69	19	MAI	2	00099	1.08	7	MAI	2
		H	TEH	TSH	F*1	00072	720PR	1BH-	1.5TO-	1.3	14.15	17	MAN	2					
11	57	H	TEH	TSH	F*1	00050	720PR	1BH-	1.2TO-	1.2	6.12	15	MAN	2	00013	0.41	10	MAI	2
13	57	H	TEH	TSH	F*1	00049	720PR	1BH-	1.5TO-	1.0	15.63	29	MAI	2	00013	1.32	13	MAI	2
								TEH+	2.4						00034	2.49	56	DRI	P3
14	57	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.74	26	SAN	6					
		H	TEH	TSH	F*1	00050	720PR	TRH+	0.1TO+	0.2	1.63	10	SAI	2					

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95					
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH	
15	57	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.48	24	MAN	6					
		H	TEH	TSH	F*1	00049	720PR	TRH+	0.0TO+	0.2	1.14	19	MAI	2					
17	57	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.63	13	SAN	6					
		H	TEH	TSH	F*1	00049	720PR	TRH+	0.1TO+	0.2	1.76	20	SAI	2					
23	57	H	TEH	TSH	F*1	00050	720PR	1BH-	1.2TO-	1.0	5.88	11	MAN	2	00015	1.34	9	MAI	2
5	58	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.2	10.87	17	MAN	2	00098	0.83	25	MAI	2
9	58	H	TEH	TSH	F*1	00073	720PR	1BH-	1.3TO-	1.2	2.20	8	SAN	2	00098	0.47	15	SAI	2
11	58	H	TEH	TSH	F*1	00051	720PR	TRH+	0.1TO+	0.1	0.18	10	SAI	2					
14	58	H	TEH	TSH	F*1	00051	720PR	1BH-	1.5TO-	1.4	0.15	37	MAN	2	00014	0.93	21	MAI	2
16	58	H	TEH	TSH	F*1	00051	720PR	1BH-	1.3TO-	0.9	1.91	19	MAN	2	00014	1.84	20	MAI	2
								TEH+	2.4						00034	1.83	60	DRI	P3
21	58	H	TEH	TSH	F*1	00052	720PR	1BH-	1.3TO-	1.2	5.41	11	MAN	2	00014	0.86	14	MAI	2
1	59	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.71	17	MAN	6					
		H	TEH	TSH	F*1	00073	720PR	TRH+	0.1TO+	0.2	1.16	13	MAI	2					
3	59	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.2	0.59	22	SAN	6					
		H	TEH	TSH	F*1	00073	720PR	TRH+	0.1TO+	0.2	2.24	12	SAI	2					
8	59	H	TEH	TSH	F*1	00073	720PR	1BH-	1.6TO-	1.4	14.60	27	SAN	2	00099	2.02	15	SAI	2
9	59	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.87	21	MAN	6					
		H	TEH	TSH	F*1	00072	720PR	TRH+	0.0TO+	0.1	2.58	15	MAI	2					
10	59	H	TEH	TSH	F*1	00072	720PR	1BH-	1.2TO-	1.1	5.29	9	MAN	2	00099	0.28	15	MAI	2
11	59	H	TEH	TSH	F*1	00054	720PR	1BH-	1.3TO-	1.1	5.27	24	MAN	2	00015	1.28	14	MAI	2
13	59	H	TEH	TSH	F*1	00054	720PR	1BH-	1.2TO-	1.1	12.38	25	MAN	2	00015	1.89	11	MAI	2
14	59	H	TEH	TSH	F*1	00055	720PR	1BH-	1.4TO-	1.3	1.76	8	MAN	2	00014	0.48	8	MAI	2
2	60	H	TEH	TSH	F*1	00072	720PR	1BH-	1.4TO-	1.3	6.33	19	MAN	2	00099	1.31	10	MAI	2
3	60	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.3	8.65	18	MAN	2	00098	0.27	28	MAI	2
4	60	H	TEH	TSH	F*1	00072	720PR	1BH-	1.4TO-	1.1	9.25	27	MAN	2	00099	2.27	19	MAI	2
5	60	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.3	11.27	22	MAN	2	00051	0.92	39	DRI	P3
								TEH+	2.5TO+	2.7					00098	0.43	31	MAI	2
7	60	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.2	7.12	15	SAN	2	00098	0.38	28	SAI	2
10	60	H	TEH	1HH	PLG	00118	730CR	1BH-	0.7TO+	0.1	0.55	158	SAI	6					
		H	TEH	1HH	PLG	00118	730CR	1BH-	1.4TO-	1.3	0.72	12	SAN	6					
		H	TEH	2HH	PLG	00120	730CR	2BH-	0.8TO+	1.6	0.99	149	SAI	6					
		H	TEH	2HH	PLG	00120	730CR	2BH-	2.4TO-	1.6	1.28	145	SAN	6					
		H	TEH	2HH	PLG	00120	730CR	2BH-	2.8TO-	2.8	1.17	169	SAN	6					
		H	TEH	TSH	PLG	00072	720PR	TRH+	0.1TO+	0.1	1.69	18	SAI	2					
11	60	H	TEH	TSH	F*1	00055	720PR	1BH-	1.5TO-	1.1	10.59	26	MAN	2	00037	7.59	48	DRI	P3
								TEH+	2.6TO+	2.8					00019	2.12	25	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT				05/95				
			BEG	END	REM						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
14	60	H	TEH	TSH	F*1	00054	720PR	1BH- TEH+	1.4TO- 2.5TO+	1.2 2.8	11.89	24	MAN	2	00016 00018	1.89 1.66	31 28	MAI MAI	2 2
16	60	H	TEH	TSH	F*1	00054	720PR	1BH-	1.2TO-	1.1	7.40	22	MAN	2	00016	0.85	24	MAI	2
24	60	H	TEH	TSH	F*0	00054	720PR	TRH-	2.5TO-	2.4	6.41	18	MAI	2					
2	61	H	TEH	TSH	F*1	00086	720PR	1BH-	1.6TO-	1.3	5.35	21	MAN	2	00098	0.69	26	MAI	2
3	61	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.4	6.88	14	MAN	2	00098	0.19	17	MAI	2
		H	TEH	TSH	F*1	00073	720PR	1BH-	2.2TO-	2.1	6.04	16	MAN	2	00098	0.51	28	MAI	2
4	61	H	TEH	TSH	F*1	00072	720PR	TRH-	0.0TO+	0.1	2.29	10	SAI	2					
5	61	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.4	3.21	13	MAN	2	00098	0.29	25	MAI	2
7	61	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.3	7.01	15	MAN	2	00098	0.52	18	MAI	2
9	61	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.4	2.70	17	MAN	2	00098	0.52	28	MAI	2
10	61	H	TEH	TSH	F*1	00072	720PR	1BH-	1.3TO-	1.1	4.13	14	MAN	2	00098	0.47	20	MAI	2
11	61	H	TEH	TSH	PLG	00114	720PR	1BH-	1.4TO-	0.9	23.73	39	MAN	2	00019 00039	3.49 2.55	23 51	MAI DRI	2 P3
		H	TEH	TSH	PLG	00055	720PR	1BH- TEH+	1.41~ 2.5	1.1	17.89	27	MAI	2					
17	61	H	TEH	TSH	F*1	00055	720PR	1BH-	1.3TO-	1.1	7.31	4	MAN	2	00019	0.85	23	MAI	2
24	61	H	TEH	TSH	F*0	00055	720PR	TRH-	2.3TO-	2.3	3.63	9	SAI	2					
27	61	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.3	5.16	20	SAI	2					
31	61	H	TEH	1HH	F*1	00118	730CR	1BH-	1.5TO-	1.4	0.45	137	VOM	6	00018	0.23	158	VOL	2
		H	TEH	1HH	F*1	00119	730CR	1BH-	1.7TO-	1.5	0.57	144	VOM	6					
		H	TEH	1HH	F*1	00118	730CR	1BH-	3.0TO-	3.0	0.56	29	VOM	6					
		H	TEH	TSH	F*1	00119	730CR	1BH-	3.6TO-	3.4	0.48	47	VOM	6					
		H	TEH	TSH	F*1	00054	720PR	TRH-	0.3TO-	0.1	0.70	150	VOL	2					
		H	TEH	TSH	F*1	00114	720PR	TRH-	0.3TO-	0.1	0.70	151	VOM	2					
		H	TEH	TSH	F*1	00054	720PR	TRH-	2.2TO-	2.0	0.59	146	VOL	2					
1	62	H	TEH	TSH	F*0	00073	720PR	TRH-	2.6TO-	2.5	6.52	17	SAN	2	00098	0.52	33	SAI	2
2	62	H	TEH	TSH	F*1	00072	720PR	1BH-	1.4TO-	1.4	2.43	15	MAN	2	00098	0.56	43	MAI	2
4	62	H	TEH	TSH	F*1	00072	720PR	1BH-	1.3TO-	1.2	2.85	23	MAN	2	00098	0.49	23	MAI	2
5	62	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.3	4.00	13	MAN	2	00098	0.22	36	MAI	2
8	62	H	TEH	TSH	F*1	00072	720PR	1BH-	1.3TO-	1.3	2.05	12	MAN	2	00096	0.31	25	MAI	2
10	62	H	TEH	TSH	F*1	00072	720PR	1BH-	1.2TO-	1.2	2.92	13	MAN	2	00096	0.54	19	MAI	2
12	62	H	TEH	TSH	F*1	00054	720PR	1BH-	1.3TO-	1.2	3.01	19	SAN	2	00018	0.77	13	SAI	2
13	62	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.36	27	MAN	6					
		H	TEH	TSH	F*1	00055	720PR	TRH+	0.0TO+	0.1	1.92	14	MAI	2					
14	62	H	TEH	TSH	F*1	00054	720PR	1BH-	1.4TO-	1.2	7.86	15	SAN	2	00018	0.97	20	SAI	2
		H	TEH	TSH	F*1	00054	720PR	1BH-	3.8TO-	3.7	12.37	15	MAN	2	00018	2.39	15	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MC1,SA1,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95					
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH	
15	62	H	TEH	TSH	F*0	00055	720PR	TRH-	2.4TO-	2.3	3.30	15	SAI	2					
25	62	H	TEH	TSH	F*1	00057	720PR	1BH-	1.3TO-	1.2	8.74	16	SAN	2	00018	1.09	18	SAI	2
41	62	C	01C	01C	PLG	00122	720PR	01C-	0.3TO+	0.1	1.34	126	VOL	2	00038	0.56	129	29	P1
1	63	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.3	3.30	12	SAN	2	00098	0.51	22	SAI	2
3	63	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.3	10.50	21	MAN	2	00098	0.30	38	MAI	2
5	63	H	TEH	TSH	F*1	00073	720PR	1BH- TEH+	1.4TO- 2.6TO+	1.3 2.7	4.68	16	MAN	2	00050 00098	1.10 0.47	48 26	DRI MAI	P3 2
8	63	H	TEH	TSH	F*1	00072	720PR	1BH- TEH+	1.2TO- 2.2TO+	1.0 2.3	9.18	24	MAN	2	00050 00096	1.41 1.67	38 14	DRI MAI	P3 2
9	63	H H	TEH TEH	1HH TSH	F*1 F*1	00118 00073	730CR 720PR	1BH- TRH+	1.4TO- 0.1TO+	1.3 0.2	0.48 1.91	6 16	SAN SAI	6 2					
14	63	H H	TEH TEH	1HH TSH	F*1 F*1	00118 00057	730CR 720PR	1BH- TRH+	1.4TO- 0.1TO+	1.4 0.2	0.28 1.36	37 19	MAN MAI	6 2					
16	63	H H	TEH TEH	1HH TSH	F*1 F*1	00118 00057	730CR 720PR	1BH- TRH+	1.4TO- 0.1TO+	1.3 0.2	0.97 3.05	16 14	SAN SAI	6 2					
25	63	H	TEH	TSH	F*0	00056	720PR	TRH-	2.4TO-	2.3	2.61	11	SAI	2					
29	63	H	TEH	TSH	F*0	00057	720PR	TRH-	2.4TO-	2.3	1.64	14	SAI	2					
1	64	H	TEH	TSH	F*0	00073	720PR	TRH-	2.4TO-	2.2	14.17	26	MAN	2	00098	1.30	33	MAI	2
2	64	H	TEH	TSH	F*0	00072	720PR	TRH-	2.4TO-	2.3	3.63	15	SAI	2					
3	64	H	TEH	TSH	F*1	00073	720PR	1BH-	1.5TO-	1.4	5.64	14	SAN	2	00098	0.79	22	SAI	2
4	64	H	TEH	TSH	F*1	00072	720PR	1BH-	1.5TO-	1.4	3.73	19	SAN	2	00096	0.43	18	SAI	2
5	64	H	TEH	TSH	F*1	00073	720PR	1BH-	1.9TO-	1.4	8.75	21	MAN	2	00098	0.75	26	MAI	2
6	64	H	TEH	TSH	F*1	00072	720PR	1BH-	1.2TO-	1.1	3.88	9	MAN	2	00096	0.54	7	SAI	2
7	64	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.3	8.01	17	MAN	2	00098	1.40	21	MAI	2
8	64	H	TEH	TSH	F*1	00072	720PR	1BH-	1.4TO-	1.3	2.99	21	SAN	2	00096	0.34	16	SAI	2
12	64	H	TEH	TSH	F*1	00057	720PR	1BH-	1.3TO-	1.2	8.96	18	MAN	2	00019	1.70	5	MAI	2
14	64	H	TEH	TSH	F*1	00057	720PR	1BH-	1.3TO-	1.2	3.78	16	MAN	2	00019	0.87	1	MAI	2
17	64	H	TEH	TSH	F*1	00056	720PR	1BH-	1.2TO-	1.1	3.92	8	SAN	2	00018	0.73	9	SAI	2
34	64	H	TEH	TSH	F*1	00057	720PR	TRH+	0.1TO+	0.2	1.66	13	MAI	2					
1	65	H	TEH	TSH	F*0	00073	720PR	TRH-	2.6TO-	2.5	2.91	17	SAI	2					
4	65	H H	TEH TEH	1HH TSH	F*1 F*1	00118 00072	730CR 720PR	1BH- TRH-	1.4TO- 0.0TO+	1.4 0.0	1.41 2.67	20 19	SAN SAI	6 2					
5	65	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.2	10.56	19	MAN	2	00096	1.02	13	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOW for the entire length

INF from TEM + 2.4 TO TEM + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95					
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH	
8	65	H	TEH	TSH	F*1	00072	720PR	1BH-	1.2TO-	1.2	3.35	13	SAN	2	00098	0.21	57	SAI	2
11	65	H	TEH	TSH	F*1	00057	720PR	1BH-	1.3TO-	1.2	6.46	20	MAN	2	00019	0.85	23	MAI	2
12	65	H	TEH	TSH	F*1	00056	720PR	1BH-	1.4TO-	1.3	12.31	19	MAN	2	00018	1.90	25	MAI	2
14	65	H	TEH	TSH	F*1	00056	720PR	TRH+	0.1TO+	0.2	1.55	11	SAI	2					
16	65	H	TEH	TSH	F*1	00056	720PR	1BH-	1.2TO-	1.2	3.81	10	SAN	2	00018	0.59	13	SAI	2
1	66	H	TEH	TSH	F*0	00073	720PR	TRH-	2.6TO-	2.4	12.74	24	MAN	2	00097	4.65	16	MAI	2
5	66	H	TEH	TSH	F*1	00073	720PR	1BH-	1.3TO-	1.1	13.54	21	MAI	2	00097	2.00	13	SAI	2
10	66	H	TEH	TSH	F*1	00072	720PR	1BH- TEH+	1.2TO- 2.5TO+	1.1 2.7	5.98	17	MAN	2	00050 00096	1.73 0.83	48 11	DRI MAI	P3 2
16	66	H	TEH	TSH	F*1	00057	720PR	1BH-	2.1TO-	2.1	2.81	11	SAN	2	00020	0.45	15	SAI	2
		H	TEH	TSH	F*1	00057	720PR	1BH-	3.6TO-	3.5	7.66	24	SAN	2	00020	1.33	25	SAI	2
17	66	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.4	0.54	18	SAN	6					
		H	TEH	TSH	F*1	00056	720PR	TRH+	0.2TO+	0.2	1.98	15	SAI	2					
18	66	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.78	14	SAN	6					
		H	TEH	TSH	F*1	00057	720PR	TRH+	0.2TO+	0.2	1.46	13	SAI	2					
25	66	H	TEH	TSH	F*0	00056	720PR	TRH-	2.5TO-	2.4	6.90	16	SAI	2					
1	67	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.81	18	MAN	6					
		H	TEH	TSH	F*1	00073	720PR	TRH+	0.1TO+	0.2	1.91	16	MAI	2					
5	67	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.62	26	MAN	6					
		H	TEH	TSH	F*1	00073	720PR	TRH+	0.1TO+	0.2	1.35	23	MAI	2					
7	67	H	TEH	TSH	F*1	00073	720PR	1BH- TEH+	1.4TO- 2.5TO+	1.0 2.8	12.79	20	MAN	2	00050 00097	1.59 2.20	51 15	DRI MAI	P3 2
11	67	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.53	21	SAN	6					
		H	TEH	TSH	F*1	00058	720PR	TRH+	0.2TO+	0.2	1.70	15	SAI	2					
24	67	H	TEH	TSH	F*1	00057	720PR	1BH-	1.1TO-	1.0	5.79	11	MAN	2	00020	0.61	10	MAI	2
25	67	H	TEH	1HH	F*1	00119	730CR	1BH-	3.9TO-	3.8	1.83	20	SAN	6					
		H	TEH	TSH	F*1	00056	720PR	TRH+	0.1TO+	0.1	2.44	14	SAI	2					
		H	TEH	TSH	F*1	00056	720PR	TRH-	2.4TO-	2.4	2.59	7	SAI	2					
1	68	H	TEH	TSH	F*0	00073	720PR	TRH-	2.5TO-	2.4	6.77	19	SAI	2					
4	68	H	TEH	TSH	F*1	00072	720PR	1BH- TEH+	1.6TO- 2.9TO+	1.2 3.1	39.25	41	MAI	2	00050 00096	5.11 2.77	43 23	DRI MAI	P3 2
5	68	H	TEH	TSH	F*1	00073	720PR	1BH- TEH+	1.5TO- 2.8TO+	1.3 2.9	12.56	26	MAN	2	00050 00097	1.91 1.93	49 18	DRI MAI	P3 2
7	68	H	TEH	TSH	F*1	00073	720PR	1BH-	1.4TO-	1.2	10.51	17	MAN	2	00097	1.31	9	MAI	2
11	68	H	TEH	TSH	PLG	00114	720PR	1BH-	1.3TO-	0.8	22.30	36	MAN	2	00039	4.81	44	DRI	P3
		H	TEH	TSH	PLG	00059	720PR	1BH-	1.3TO-	1.0	23.69	41	MAN	2					
		H	TEH	TSH	PLG	00081	720PR	1BH-	1.6TO-	1.2	17.41	37	MAN	2	00023	1.23	29	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MC1,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

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Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95				
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
27	68	H	TEH	TSH	F*0	00081	720PR	TRH-	2.4TO-	2.2	3.99	14	SAI	2				
34	68	H	TEH	TSH	F*1	00058	720PR	1BH-	1.4TO-	1.2	8.06	18	MAN	2	00023	0.56	25	MAI
11	69	H	TEH	TSH	F*1	00059	720PR	1BH-	1.3TO-	1.2	3.92	13	SAN	2	00023	0.28	11	SAI
		H	TEH	TSH	F*1	00081	720PR	1BH-	1.4TO-	1.3	2.68	17	SAN	2				
12	69	H	TEH	1HH	F*1	00118	730CR	1BH-	1.4TO-	1.3	0.38	21	MAN	6				
		H	TEH	TSH	F*1	00058	720PR	TRH+	0.1TO+	0.2	1.42	19	MAI	2				
17	69	H	TEH	1HH	F*1	00118	730CR	1BH-	1.3TO-	1.3	0.30	14	SAN	6				
		H	TEH	TSH	F*1	00081	720PR	TRH+	0.1TO+	0.2	0.88	13	SAI	2				
2	70	H	TEH	TSH	F*0	00061	720PR	TRH-	2.3TO-	2.3	2.65	18	SAI	2				
5	70	H	TEH	TSH	F*1	00060	720PR	1BH-	1.4TO-	1.3	6.27	18	MAN	2	00083	1.26	7	MAI
6	70	H	TEH	1HH	F*1	00119	730CR	1BH-	1.4TO-	1.4	0.51	24	MAN	6				
		H	TEH	TSH	F*1	00061	720PR	TRH+	0.1TO+	0.2	1.07	18	MAI	2				
9	70	H	TEH	TSH	F*1	00060	720PR	TRH-	0.1TO-	0.0	1.45	12	MAI	2				
25	70	H	TEH	TSH	F*0	00060	720PR	TRH-	2.3TO-	2.2	2.29	13	SAI	2				
3	71	H	TEH	TSH	F*1	00061	720PR	1BH-	1.3TO-	1.2	20.46	41	MAN	2	00050	3.02	45	DRI
								TEH+	2.6TO+	2.6				00083	1.04	11	MAI	
5	71	H	TEH	TSH	F*1	00119	730CR	1BH-	1.4TO-	1.3	0.84	40	MAN	6				
		H	TEH	TSH	F*1	00061	720PR	TRH+	0.1TO+	0.1	1.50	18	MAI	2				
9	71	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.4	0.37	21	SAN	6				
		H	TEH	TSH	F*1	00061	720PR	TRH+	0.1TO+	0.1	1.55	13	SAI	2				
10	71	H	TEH	TSH	F*1	00060	720PR	1BH-	1.4TO-	1.2	7.54	14	MAN	2	00082	0.79	14	MAI
11	71	H	TEH	TSH	F*1	00061	720PR	1BH-	1.2TO-	1.1	5.89	13	MAN	2	00083	1.02	6	MAI
31	71	H	TEH	TSH	F*0	00061	720PR	TRH-	2.5TO-	2.4	6.06	18	SAI	2				
5	72	H	TEH	1HH	F*1	00119	730CR	1BH-	1.4TO-	1.4	0.91	18	SAN	6				
		H	TEH	TSH	F*1	00061	720PR	TRH+	0.1TO+	0.1	1.24	15	SAI	2				
8	72	H	TEH	TSH	F*1	00079	720PR	1BH-	1.3TO-	1.1	3.98	13	MAN	2	00082	0.51	10	MAI
11	72	H	TEH	TSH	F*1	00061	720PR	1BH-	1.3TO-	1.2	5.36	13	MAN	2	00083	0.95	4	MAI
31	72	H	TEH	TSH	F*0	00081	720PR	TRH-	2.5TO-	2.4	3.54	15	SAI	2				
		H	TEH	TSH	F*0	00079	720PR	TRH-	2.7TO-	2.6	3.71	20	SAI	2				
3	73	H	TEH	TSH	F*1	00062	720PR	1BH-	1.4TO-	1.2	6.51	18	MAN	2	00083	1.66	6	MAI
5	73	H	TEH	TSH	F*1	00062	720PR	1BH-	1.3TO-	1.1	5.17	12	MAN	2	00083	0.68	5	MAI
10	73	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.5	0.58	24	SAN	6				
		H	TEH	TSH	F*1	00060	720PR	TRH+	0.1TO+	0.2	1.74	14	SAI	2				
11	73	H	TEH	TSH	F*1	00062	720PR	1BH-	1.3TO-	1.2	3.58	17	MAN	2	00083	0.85	4	MAI
3	74	H	TEH	TSH	F*1	00062	720PR	1BH-	1.3TO-	1.2	8.90	16	SAN	2	00085	1.08	15	SAI

# CUMULATIVE INDICATIONS REPORT

## PRAIRIE ISLAND, UNIT 2

Generator: 21

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VON for the entire length

INF from TEH + 2.4 TO TEH + 2.8

Page: 23 of 23

Date: 04/08/97

Time: 14:26

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT				05/95				
			BEG	FND	REM						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
5	74	H	TEH	TSH	F*1	00062	720PR	1BH-	1.3TO-	1.1	5.10	13	MAN	2	00085	0.50	3	MAI	2
9	74	H	TEH	TSH	F*1	00062	720PR	1BH-	1.3TO-	1.1	5.29	12	MAN	2	00085	0.09	13	SAI	2
11	74	H	TEH	TSH	F*1	00062	720PR	1BH-	1.3TO-	1.1	8.56	12	MAN	2	00085	0.87	11	MAI	2
1	75	H	TEH	TSH	F*0	00064	720PR	TRH-	2.3TO-	2.2	5.21	17	SAI	2					
5	75	H	TEH	TSH	F*1	00063	720PR	1BH-	1.5TO-	1.3	6.34	17	MAN	2	00085	1.16	12	MAI	2
1	76	H	TEH	TSH	F*0	00064	720PR	TRH-	2.3TO-	2.1	7.09	19	SAN	2	00089	0.67	17	SAI	2
16	76	H	TEH	TSH	F*0	00063	720PR	TRH-	2.3TO-	2.0	6.23	29	SAI	2					
27	76	H	TEH	TSH	F*0	00064	720PR	TRH-	2.4TO-	2.3	2.97	20	SAI	2					
1	77	H	TEH	TSH	F*0	00064	720PR	TRH-	2.4TO-	2.0	7.31	18	SAN	2	00088	2.65	10	SAI	2
3	77	H	TEH	TSH	F*0	00063	720PR	TRH-	2.5TO-	2.4	5.01	23	SAI	2					
7	77	H	TEH	TSH	F*1	00063	720PR	1BH-	1.4TO-	1.3	4.69	26	SAN	2	00089	0.35	17	SAI	2
11	77	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.4	0.69	34	SAN	6					
		H	TEH	TSH	F*1	00063	720PR	TRH+	0.1TO+	0.2	1.70	20	SAI	2					
3	78	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.4	0.79	32	MAN	6					
		H	TEH	TSH	F*1	00064	720PR	TRH+	0.1TO+	0.2	2.67	8	MAI	2					
7	78	H	TEH	TSH	F*1	00064	720PR	1BH-	1.4TO-	1.1	8.04	15	MAN	2	00050	1.61	45	DRI	P3
								TEH+	2.4TO+	2.5					00088	3.52	17	MAI	2
11	78	H	TEH	TSH	F*1	00064	720PR	1BH-	1.3TO-	1.2	3.45	12	SAN	2	00088	0.51	22	SAI	2
7	79	H	TEH	TSH	F*1	00066	720PR	1BH-	1.3TO-	1.2	3.13	16	MAN	2	00089	0.21	23	MAI	2
19	79	H	TEH	1HH	F*1	00119	730CR	1BH-	1.6TO-	1.5	0.65	29	MAN	6					
		H	TEH	TSH	F*1	00066	720PR	TRH+	0.1TO+	0.2	2.37	10	MAI	2					
20	79	H	TEH	TSH	F*0	00065	720PR	TRH-	2.3TO-	2.2	3.67	11	SAI	2					
28	80	H	TEH	TSH	F*1	00065	720PR	1BH-	1.3TO-	1.2	7.49	23	SAN	2	00088	2.60	6	SAI	2
1	81	H	TEH	TSH	F*0	00066	720PR	TRH-	2.3TO-	2.3	3.18	15	SAI	2					
11	81	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.4	0.63	20	SAN	6					
		H	TEH	TSH	F*1	00066	720PR	TRH+	0.0TO+	0.1	1.52	10	SAI	2					
9	83	H	TEH	1HH	F*1	00119	730CR	1BH-	1.5TO-	1.5	0.73	15	MAN	6					
		H	TEH	TSH	F*1	00067	720PR	TRH-	0.0TO+	0.0	2.41	28	MAI	2					
18	86	H	TEH	TSH	F*1	00068	720PR	1BH-	1.4TO-	1.3	7.44	24	SAN	2	00092	1.15	18	SAI	2
7	93	C	02C	02C	PLG	00122	720PR	02C+	0.0						00098	0.14	121	VOL	2
								02C-	0.1TO+	0.1	0.46	138	VOL	2	00053	0.82	38	DSI	P1

NUMBER OF TUBES IN REPORT = 533

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold Legs

Release...: 2.2

1% TO 19% for the entire length

Page: 1 of 3

Date: 02/27/97

Time: 14:02

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
16	4	C	TEH	TEC		00033	720ZH	01C+ 0.1	1.24	136	12	P1		00036	1.10	140	31	P1
17	5	C	TEH	TEC		00033	720ZH	01C+ 0.1	1.34	132	12	P1		00036	1.01	135	37	P1
16	6	C	TEH	TEC		00033	720ZH	01C- 0.1	0.63	140	5	P1		00003	0.64	138	19	P1
17	6	C	TEH	TEC		00034	720ZH	01C- 0.1	0.71	139	7	P1		00003	0.77	138	7	P1
19	6	C	TEH	TEC		00034	720ZH	02C+ 0.1	0.87	139	7	P1		00003	0.87	138	19	P1
21	7	C	TEH	TEC		00033	720ZH	01C- 0.1	0.83	130	15	P1		00003	1.04	133	17	P1
		C	TEH	TEC		00033	720ZH	02C+ 0.0	0.95	127	19	P1		00003	1.15	130	22	P1
20	10	C	TEH	TEC		00033	720ZH	01C- 0.1	0.84	128	18	P1		00036	0.73	139	29	P1
24	10	C	TEH	TEC		00033	720ZH	01C- 0.1	0.95	132	12	P1		00036	0.80	131	38	P1
26	10	C	TEH	TEC		00033	720ZH	02C+ 0.2	0.52	133	16	P1		00036	0.40	134	35	P1
27	11	C	TEH	TEC		00033	720ZH	02C+ 0.2	0.60	133	10	P1		00006	0.53	138	17	P1
28	11	C	TEH	TEC		00034	720ZH	02C+ 0.2	0.73	139	7	P1		00036	0.61	140	27	P1
28	12	C	TEH	TEC		00033	720ZH	01C- 0.1	1.08	129	16	P1		00006	0.90	141	13	P1
30	19	C	TEH	TEC		00035	720ZH	01C- 0.2	0.72	144	4	P1		00012	0.74	142	5	P1
30	21	C	TEH	TEC		00036	720ZH	01C+ 0.2	0.81	0	17	P1		00011	0.75	139	4	P1
36	23	C	TEH	TEC		00036	720ZH	NV2+ 0.1	0.76	0	17	P2		00012	0.77	0	15	P2
37	24	C	TEH	TEC		00050	720ZU	01C- 0.1	1.50	123	13	P1		00023	1.57	117	29	P1
38	25	C	TEH	TEC		00038	720ZU	01C+ 0.2	0.72	142	12	P1		00023	0.83	135	7	P1
41	26	C	TEH	TEC		00041	720ZU	01C- 0.0	0.48	143	12	P1		00040	0.44	136	3	P1
39	29	C	TEH	TEC		00040	720ZU	02C- 0.1	0.49	137	14	P1		00025	0.56	132	21	P1
41	29	C	TEH	TEC		00040	720ZU	NV1+ 0.0	0.74	0	19	P2		00025	0.47	0	13	P2
36	33	C	TEH	TEC		00040	720ZU	NV4+ 0.0	0.67	0	18	P2		00027	0.50	0	14	P2
44	34	C	TEH	TEC		00043	720ZU	02C- 0.1	1.36	137	11	P1		00027	0.95	128	12	P1
43	35	C	TEH	TEC		00043	720ZU	02C- 0.3	1.22	130	10	P1		00027	1.12	136	4	P1
43	39	C	TEH	TEC		00045	720ZU	02C- 0.2	0.47	145	10	P1						
33	41	C	TEH	TEC		00044	720ZU	NV1- 0.3	0.18	0	4	P2		00030	0.39	0	11	P2
46	44	C	TEH	TEC		00049	720ZU	02C- 0.0	0.22	149	11	P1		00034	0.22	140	7	P1
45	47	C	TEH	TEC		00072	720ZU	01C- 0.1	0.45	149	7	P1		00043	0.47	144	18	P1
44	48	C	TEH	TEC		00071	720ZU	01C- 0.0	0.89	133	19	P1		00045	0.94	129	21	P1
26	49	C	TEH	TEC		00071	720ZU	NV4+ 0.4	0.50	0	13	P2		00043	0.72	0	15	P2
11	56	C	TEH	TEC		00068	720ZU	NV1+ 0.0	0.29	0	8	P2		00051	0.18	0	5	P2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

1% TO 19% for the entire length

Page: 2 of 3

Date: 02/27/97

Time: 14:02

ROW	COL	LEG	EXTENTY		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
38	56	C	TEH	TEC		00067	720ZU	NV1+ 0.1	0.44	0	12	P2						
42	56	C	TEH	TEC		00067	720ZU	02C- 0.0	0.49	142	19	P1		00050	0.40	137	15	P1
45	57	C	TEH	TEC		00068	720ZU	02C- 0.2	0.48	160	12	P1		00061	0.60	147	4	P1
43	58	C	TEH	TEC		00068	720ZU	NV2+ 0.0	1.01	0	18	P2		00061	0.86	0	18	P2
43	60	C	TEH	TEC		00068	720ZU	02C+ 0.0	0.46	148	12	P1		00050	0.96	138	13	P1
44	61	C	TEH	TEC		00068	720ZU	02C- 0.2	0.39	151	17	P1		00050	0.83	138	13	P1
44	62	C	TEH	TEC		00066	720ZU	02C- 0.1	0.33	153	9	P1		00050	0.21	131	26	P1
32	67	C	TEH	TEC		00065	720ZU	NV1+ 0.0	0.50	0	14	P2		00046	0.90	0	17	P2
		C	TEH	TEC		00065	720ZU	NV2+ 0.0	0.56	0	15	P2		00046	1.08	0	20	P2
		C	TEH	TEC		00065	720ZU	NV4+ 0.1	0.47	0	13	P2		00046	0.97	0	19	P2
40	69	C	TEH	TEC		00065	720ZU	02C- 0.1	1.99	139	13	P1		00045	2.46	123	36	P1
41	69	C	TEH	TEC		00065	720ZU	02C- 0.1	0.97	154	13	P1		00046	0.35	141	5	P1
8	70	C	TEH	TEC		00089	720ZH	TSC+ 11.5	1.85	172	5	1						
16	71	C	TEH	TEC		00063	720ZU	NV3- 0.3	0.52	0	14	P2						
37	72	C	TEH	TEC	F*0	00063	720ZU	02C- 0.2	0.56	148	7	P1		00056	1.20	145	19	P1
36	73	C	TEH	TEC		00063	720ZU	02C- 0.2	0.42	146	10	P1						
35	74	C	TEH	TEC		00064	720ZU	02C+ 0.1	0.43	153	13	P1		00067	0.83	150	6	P1
32	76	C	TEH	TEC		00062	720ZU	02C+ 0.0	0.46	148	6	P1		00058	0.52	142	9	P1
34	78	C	TEH	TEC		00061	720ZU	01C- 0.3	0.56	141	8	P1		00058	0.52	104	DSI	P1
30	79	C	TEH	TEC		00061	720ZU	02C+ 0.1	0.84	133	18	P1		00059	1.48	128	12	P1
29	81	C	TEH	TEC		00062	720ZU	NV2+ 0.3	0.44	0	10	P2		00060	0.37	0	9	P2
30	83	C	TEH	TEC		00061	720ZU	02C- 0.2	0.91	140	9	P1		00059	0.95	132	6	P1
22	85	C	TEH	TEC		00061	720ZU	01C- 0.2	0.58	141	13	P1						
28	85	C	TEH	TEC		00061	720ZU	01C+ 0.1	0.72	135	15	P1		00059	0.72	135	12	P1
								01C+ 0.1						00067	1.37	146	13	P1
								01C- 0.1						00059	0.70	136	11	P1
								01C- 0.2						00067	1.25	140	22	P1
26	86	C	TEH	TEC		00061	720ZU	02C- 0.1	1.12	134	17	P1		00059	1.52	126	15	P1
22	87	C	TEH	TEC		00061	720ZU	01C- 0.2	0.65	146	1	P1						
		C	TEH	TEC		00061	720ZU	02C- 0.2	1.26	142	6	P1		00059	1.66	135	1	P1
14	88	C	TEH	TEC		00062	720ZU	02C- 0.1	1.20	145	4	P1		00060	1.01	132	29	P1
21	88	C	TEH	TEC		00061	720ZU	01C- 0.2	1.30	136	14	P1						
16	89	C	TEH	TEC		00061	720ZU	01C- 0.2	0.49	145	3	P1		00059	0.57	124	6	P1

**CUMULATIVE INDICATIONS REPORT**  
PRAIRIE ISLAND, UNIT 2

Generator: 22  
Leg.....: Hot and Cold legs  
Release...: 2.2  
1% TO 19% for the entire length

Page: 3 of 3  
Date: 02/27/97  
Time: 14:02

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
12	90	C	TEH	TEC		00062	7202U	01C-	0.1	1.11	139	2	P1		00059	0.96	122	10	P1
16	90	C	TEH	TEC		00062	7202U	01C-	0.0	1.72	135	19	P1		00059	1.60	116	21	P1
7	91	C	07H	TEC		00093	7002S	01C+	0.0	2.87	138	5	P1		00063	2.03	134	30	P1
12	91	C	TEH	TEC		00061	7202U	01C+	0.0	1.07	150	2	P1		00059	1.13	150	INR	P1
			TEH	TEC		00061	7202U	02C-	0.1	0.57	146	7	P1						
13	91	C	TEH	TEC		00062	7202U	02C-	0.1	0.42	151	1	P1		00060	0.55	142	8	P1
3	92	C	07H	TEC		00077	7002S	01C+	0.1	0.56	143	19	P1		00071	0.62	133	21	P1
9	92	C	07H	TEC		00094	7002S	01C+	0.0	0.87	145	13	P1		00063	0.61	146	5	P1
4	94	C	07H	TEC		00077	7002S	02C-	0.1	0.93	145	15	P1		00070	1.00	136	4	P1

NUMBER OF TUBES IN REPORT = 65

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

20% TO 29% for the entire length

Page: 1 of 3

Date: 02/27/97

Time: 14:03

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
12	3	C	TEH	TEC		00034	720ZH	02C+ 0.1	2.28	133	21	P1		00036	1.55	133	39	P1
29	13	C	TEH	TEC		00034	720ZH	01C- 0.0	0.90	130	21	P1		00006	0.82	136	21	P1
31	13	C	TEH	TEC		00033	720ZH	01C- 0.2	1.52	119	29	P1		00006	1.53	126	34	P1
30	15	C	TEH	TEC		00036	720ZH	01C+ 0.0	1.86	135	23	P1		00036	1.49	138	30	P1
34	17	C	TEH	TEC		00036	720ZH	01C- 0.1	1.43	141	23	P1		00010	1.42	136	24	P1
								01C- 0.1						00012	1.60	135	15	P1
36	22	C	TEH	TEC		00035	720ZH	02C+ 0.1	0.94	129	28	P1		00011	0.85	124	28	P1
38	25	C	TEH	TEC		00038	720ZU	02C- 0.1	0.77	138	21	P1		00023	0.90	131	14	P1
19	31	C	TEH	TEC		00041	720ZU	NV2+ 2.8	1.18	0	23	P2						
36	33	C	TEH	TEC		00040	720ZU	NV1+ 0.0	1.15	0	26	P2		00027	0.93	0	23	P2
								NV3+ 0.0	1.01	0	24	P2		00027	0.65	0	17	P2
19	34	C	TEH	TEC		00043	720ZU	NV1+ 0.0	1.05	0	21	P2		00027	0.69	0	18	P2
43	34	C	TEH	TEC		00042	720ZU	03C- 0.0	0.90	145	20	P1		00027	0.50	123	27	P1
38	36	C	TEH	TEC		00043	720ZU	NV2+ 2.6	1.34	0	25	P2		00029	0.85	0	21	P2
44	36	C	TEH	TEC		00042	720ZU	02C- 0.1	1.35	142	29	P1		00029	1.34	129	26	P1
44	39	C	TEH	TEC		00044	720ZU	02C- 0.2	0.49	151	25	P1		00030	1.12	141	25	P1
40	41	C	TEH	TEC		00045	720ZU	NV1+ 0.0	1.03	0	20	P2		00031	0.81	0	16	P2
		C	TEH	TEC		00045	720ZU	NV2+ 0.0	1.42	0	25	P2		00031	1.12	0	21	P2
		C	TEH	TEC		00045	720ZU	NV3+ 0.0	1.05	0	20	P2		00031	1.08	0	20	P2
39	45	C	TEH	TEC		00049	720ZU	NV1- 0.1	1.08	0	21	P2		00034	0.47	0	10	P2
32	46	C	TEH	TEC		00073	720ZU	NV2+ 0.7	1.31	0	23	P2		00043	1.28	0	23	P2
		C	TEH	TEC		00073	720ZU	NV2+ 27.0	1.24	0	22	P2		00043	1.18	0	21	P2
		C	TEH	TEC		00073	720ZU	NV4+ 1.2	1.12	0	21	P2		00043	1.03	0	20	P2
38	46	C	TEH	TEC		00073	720ZU	07H+ 35.9	1.82	0	29	P2		00043	1.72	0	28	P2
		C	TEH	TEC		00073	720ZU	NV4+ 2.9	1.45	0	25	P2		00043	1.35	0	24	P2
33	47	C	TEH	TEC		00073	720ZU	NV4+ 2.2	1.15	0	21	P2						
36	47	C	TEH	TEC		00072	720ZU	NV2+ 1.9	0.86	0	22	P2		00043	1.19	0	22	P2
38	47	C	TEH	TEC		00072	720ZU	NV2+ 2.3	1.33	0	27	P2		00043	1.45	0	26	P2
		C	TEH	TEC		00072	720ZU	NV2+ 34.4	0.74	0	20	P2		00043	1.12	0	21	P2
40	47	C	TEH	TEC	PLG	00072	720ZU	07H+ 35.1	1.33	0	27	P2		00045	1.08	0	25	P2
		C	TEH	TEC	PLG	00072	720ZU	NV2+ 0.0	1.45	0	29	P2		00045	1.16	0	26	P2
		C	TEH	TEC	PLG	00072	720ZU	NV2+ 36.2	0.99	0	27	P2		00045	1.22	0	27	P2
		C	TEH	TEC	PLG	00072	720ZU	NV3+ 0.0	1.13	0	24	P2		00045	0.98	0	23	P2
45	48	C	TEH	TEC		00070	720ZU	01C+ 0.2	0.86	135	28	P1		00043	0.74	131	33	P1
		C	TEH	TEC		00070	720ZU	02C- 0.1	1.40	135	28	P1		00043	1.51	135	29	P1
33	50	C	TEH	TEC	F*1	00070	720ZU	NV2+ 25.1	1.55	0	27	P2		00043	1.56	0	27	P2
		C	TEH	TEC	F*1	00070	720ZU	NV4+ 2.6	1.05	0	20	P2						

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release.: 2.2

20% TO 29% for the entire length

Page: 2 of 3

Date: 02/27/97

Time: 14:03

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
45	50	C	TEH	TEC		00071	720ZU	01C+ 0.1	2.81	128	27	P1		00043	2.82	126	38	P1
37	51	C	TEH	TEC		00071	720ZU	MV2+ 2.3	0.97	0	23	P2		00052	1.38	0	23	P2
		C	TEH	TEC		00071	720ZU	MV2+ 33.5	1.01	0	23	P2		00052	1.38	0	23	P2
33	52	C	TEH	TEC	F*1	00070	720ZU	07H+ 35.3	1.23	0	23	P2		00051	0.79	0	20	P2
45	52	C	TEH	TEC		00071	720ZU	01C+ 0.2	0.80	130	24	P1		00052	1.39	132	30	P1
36	54	C	TEH	TEC		00067	720ZU	MV4+ 3.7	1.28	0	27	P2		00052	1.73	0	27	P2
39	54	C	TEH	TEC		00068	720ZU	07H+ 35.9	1.82	0	28	P2		00051	1.03	0	24	P2
45	54	C	TEH	TEC		00068	720ZU	01C+ 0.0	0.98	148	24	P1		00052	1.13	145	10	P1
		C	TEH	TEC		00068	720ZU	02C+ 0.0	0.37	151	21	P1		00052	0.80	146	6	P1
39	55	C	TEH	TEC		00068	720ZU	07H+ 35.3	1.27	0	22	P2		00061	1.07	0	21	P2
		C	TEH	TEC		00068	720ZU	MV2+ 3.8	1.58	0	26	P2		00061	1.33	0	24	P2
36	56	C	TEH	TEC		00067	720ZU	MV2+ 32.8	1.21	0	26	P2		00061	1.57	0	27	P2
38	56	C	TEH	TEC		00067	720ZU	MV2+ 35.1	1.02	0	25	P2		00061	1.16	0	22	P2
36	57	C	TEH	TEC		00067	720ZU	MV2+ 33.1	0.83	0	20	P2		00061	0.91	0	20	P2
		C	TEH	TEC		00067	720ZU	MV4+ 3.4	0.98	0	23	P2		00061	1.10	0	21	P2
38	57	C	TEH	TEC		00067	720ZU	07H+ 34.2	0.80	0	21	P2		00061	1.17	0	22	P2
43	57	C	TEH	TEC		00068	720ZU	01C- 0.2	0.34	145	27	P1		00061	0.42	145	8	P1
		C	TEH	TEC		00068	720ZU	MV3- 0.1	1.35	0	23	P2		00061	1.19	0	23	P2
45	57	C	TEH	TEC		00068	720ZU	07H+ 36.0	0.98	0	21	P2		00061	1.33		20	P2
35	58	C	TEH	TEC		00068	720ZU	07H+ 32.8	1.44	0	24	P2		00061	1.45	0	26	P2
40	59	C	TEH	TEC		00067	720ZU	07H+ 34.7	1.01	0	23	P2		00061	1.34	0	25	P2
		C	TEH	TEC		00067	720ZU	MV2+ 4.1	0.81	0	20	P2		00061	1.13	0	22	P2
41	60	C	TEH	TEC		00068	720ZU	02C- 0.2	1.21	138	28	P1		00048	1.37	131	12	P1
41	61	C	TEH	TEC		00067	720ZU	02C- 0.1	0.93	150	22	P1		00048	0.84	124	27	P1
43	63	C	TEH	TEC		00066	720ZU	02C- 0.2	0.57	141	22	P1		00046	1.45	140	5	P1
39	64	C	TEH	TEC		00066	720ZU	MV2+ 4.5	1.11	0	20	P2		00046	0.94	0	INR	P2
19	65	C	TEH	TEC		00066	720ZU	MV2+ 1.2	1.07	0	20	P2		00047	1.14	0	INR	P2
40	66	C	TEH	TEC		00066	720ZU	02C+ 0.1	0.94	141	29	P1		00047	1.10	144	18	P1
32	67	C	TEH	TEC		00065	720ZU	MV2+ 28.6	1.21	0	27	P2		00046	1.62	0	27	P2
		C	TEH	TEC		00065	720ZU	MV3+ 0.0	0.80	0	20	P2		00046	1.15	0	21	P2
32	68	C	TEH	TEC		00066	720ZU	MV2+ 28.8	1.06	0	20	P2						
32	69	C	TEH	TEC		00065	720ZU	MV2+ 28.8	0.84	0	21	P2		00046	1.11	0	INR	P2
36	69	C	TEH	TEC		00065	720ZU	MV3+ 0.0	0.90	0	22	P2		00045	0.88	0	21	P2
38	71	C	TEH	TEC		00063	720ZU	01C- 0.1	1.59	134	25	P1		00056	2.18	130	37	P1

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22  
 Leg.....: Hot and Cold legs  
 Release...: 2.2  
 20% TD 29% for the entire length

Page: 3 of 3  
 Date: 02/27/97  
 Time: 14:03

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
40	71	C	TEH	TEC		00063	720ZU	02C- 0.2	2.26	135	24	P1		00056	3.89	128	38	P1
36	73	C	TEH	TEC		00063	720ZU	WV2+ 32.4	1.10	0	25	P2		00067	1.50	0	26	P2
33	75	C	TEH	TEC		00064	720ZU	01C+ 0.0	1.85	142	29	P1		00058	1.51	135	20	P1
36	75	C	TEH	TEC		00063	720ZU	02C- 0.2	1.72	137	22	P1		00057	2.24	120	29	P1
33	76	C	TEH	TEC		00061	720ZU	01C+ 0.0	1.31	126	26	P1		00057	1.20	116	35	P1
16	78	C	TEH	TEC		00061	720ZU	WV2+ 4.5	0.87	0	22	P2						
30	81	C	TEH	TEC		00061	720ZU	01C- 0.0	2.36	125	27	P1		00059	2.50	113	26	P1
30	82	C	TEH	TEC		00061	720ZU	02C- 0.2	2.02	130	21	P1		00059	2.51	124	18	P1
28	85							01C+ 0.1						00067	1.37	146	13	P1
								01C- 0.1						00059	0.70	136	11	P1
		C	TEH	TEC		00061	720ZU	01C- 0.2	0.68	131	20	P1		00059	0.72	135	12	P1
								01C- 0.2						00067	1.25	140	22	P1
22	88	C	TEH	TEC		00062	720ZU	02C- 0.2	1.55	138	24	P1		00060	1.50	132	29	P1
16	89	C	TEH	TEC		00061	720ZU	02C- 0.1	1.37	131	20	P1		00059	1.55	127	13	P1
19	89	C	TEH	TEC		00062	720ZU	01C- 0.0	1.60	133	26	P1		00060	1.47	134	26	P1
7	92	C	07H	TEC		00094	700ZS	01C+ 0.1	1.35	140	29	P1		00063	1.50	135	29	P1
								01C+ 0.1						00068	1.39	133	9	P1
12	92	C	TEH	TEC		00061	720ZU	02C- 0.1	0.32	125	24	P1		00059	0.46	126	26	P1
4	93	C	07H	TEC		00077	700ZS	01C+ 0.1	1.81	137	28	P1		00071	1.75	135	29	P1
								01C+ 0.1						00073	1.92	132	23	P1

NUMBER OF TUBES IN REPORT = 66

NSP

# CUMULATIVE INDICATIONS REPORT

## PRAIRIE ISLAND, UNIT 2

Generator: 22  
 Leg.....: Hot and Cold legs  
 Release...: 2.2  
 30% TO 39% for the entire length

Page: 1 of 2  
 Date: 02/27/97  
 Time: 14:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
20	6	C	TEH	TEC		00033	720ZH	01C+ 0.0	0.98	117	32	P1		00003	1.28	128	36	P1
25	9	C	TEH	TEC		00034	720ZH	01C+ 0.0	2.22	125	36	P1		00003	2.19	126	39	P1
34	16	C	TEH	TEC		00036	720ZH	02C- 0.1	2.06	133	36	P1		00010	1.78	132	30	P1
34	17							02C- 0.1						00012	0.46	124	INR	P1
		C	TEH	TEC		00036	720ZH	02C- 0.2	0.41	131	39	P1		00010	0.45	128	36	P1
31	19	C	TEH	TEC		00036	720ZH	01C- 0.3	1.12	129	33	P1		00011	1.09	129	20	P1
36	33	C	TEH	TEC		00040	720ZU	NV2+ 0.0	1.54	0	32	P2		00027	1.13	0	26	P2
42	38	C	TEH	TEC		00045	720ZU	02C- 0.3	0.98	133	38	P1		00031	0.66	123	38	P1
45	39	C	TEH	TEC		00045	720ZU	02C- 0.2	3.48	135	38	P1		00031	2.36	136	25	P1
44	40	C	TEH	TEC		00045	720ZU	02C+ 0.0	3.42	145	35	P1		00030	3.14	136	31	P1
44	42	C	TEH	TEC		00047	720ZU	02C- 0.1	1.22	135	31	P1		00031	1.21	127	35	P1
46	42	C	TEH	TEC		00047	720ZU	02C- 0.2	1.36	135	31	P1		00031	1.14	133	29	P1
37	43	C	TEH	TEC	F*1	00047	720ZU	NV2+ 32.8	2.33	0	34	P2		00035	1.61	0	33	P2
		C	TEH	TEC	F*1	00047	720ZU	NV4+ 3.7	1.84	0	30	P2		00035	1.28	0	29	P2
45	44	C	TEH	TEC		00049	720ZU	02C+ 0.1	1.19	136	34	P1		00034	1.28	127	31	P1
37	47	C	TEH	TEC	PLG	00073	720ZU	NV4+ 3.4	2.69	0	36	P2		00043	2.30	0	34	P2
40	47	C	TEH	TEC	PLG	00072	720ZU	NV2+ 2.7	1.27	0	31	P2		00045	1.53	0	31	P2
38	48	C	TEH	TEC		00071	720ZU	NV2+ 2.4	1.49	0	30	P2		00045	1.28	0	28	P2
40	53	C	TEH	TEC		00070	720ZU	01C+ 0.2	0.90	128	39	P1		00052	0.85	128	37	P1
44	53	C	TEH	TEC		00070	720ZU	01C+ 0.1	1.70	129	38	P1		00061	1.56	125	39	P1
46	53	C	TEH	TEC		00070	720ZU	02C- 0.1	1.12	131	35	P1		00061	0.96	128	35	P1
43	55	C	TEH	TEC		00068	720ZU	02C+ 0.0	0.40	112	36	P1		00050	0.87	123	36	P1
43	56	C	TEH	TEC		00068	720ZU	01C- 0.1	1.86	132	37	P1		00050	2.15	128	31	P1
45	57	C	TEH	TEC		00068	720ZU	01C- 0.1	0.86	140	31	P1		00061	0.82	143	12	P1
43	58	C	TEH	TEC		00068	720ZU	01C- 0.2	0.82	134	37	P1		00061	0.96	133	27	P1
42	60	C	TEH	TEC		00067	720ZU	01C- 0.1	1.35	133	35	P1		00048	0.99	119	36	P1
44	61							01C- 0.2						00105	0.08	107	VOL	2
		C	TEH	TEC		00068	720ZU	01C- 0.3	0.41	128	33	P1		00050	0.32	86	DSI	P1
32	64	C	TEH	TEC	F*1	00065	720ZU	NV2+ 3.1	1.63	0	32	P2		00046	2.11	0	32	P2
		C	TEH	TEC	F*1	00065	720ZU	NV2+ 28.6	1.72	0	33	P2		00046	2.13	0	32	P2
38	64	C	TEH	TEC		00065	720ZU	NV2+ 34.7	1.67	0	33	P2		00046	2.09	0	31	P2
39	64	C	TEH	TEC		00066	720ZU	02C- 0.2	0.63	126	37	P1		00046	1.36	129	35	P1

**CUMULATIVE INDICATIONS REPORT**  
PRAIRIE ISLAND, UNIT 2

Generator: 22  
Leg.....: Hot and Cold legs  
Release..: 2.2  
30% TO 39% for the entire length

Page: 2 of 2  
Date: 02/27/97  
Time: 14:04

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
42	64	C	TEH	TEC		00065	720ZU	02C- 0.2	2.70	135	34	P1		00046	2.93	127	39	P1
42	65	C	TEH	TEC		00066	720ZU	02C- 0.1	0.77	140	30	P1		00046	0.95	136	18	P1
43	65	C	TEH	TEC		00066	720ZU	02C- 0.2	1.37	137	33	P1		00046	1.17	137	12	P1
41	66	C	TEH	TEC		00065	720ZU	02C- 0.1	2.97	135	34	P1		00047	3.30	132	33	P1
36	70	C	TEH	TEC		00063	720ZU	NV2+ 4.9	2.20	0	38	P2		00067	2.83	0	38	P2
35	75	C	TEH	TEC		00064	720ZU	01C- 0.1	1.44	138	34	P1		00058	1.34	134	33	P1
29	82	C	TEH	TEC		00062	720ZU	02C- 0.2	3.21	128	39	P1		00060	2.97	126	38	P1
17	89	C	TEH	TEC		00062	720ZU	01C- 0.0	1.63	130	34	P1		00060	1.46	129	34	P1
11	91	C	TEH	TEC		00062	720ZU	02C+ 0.0	1.56	129	37	P1		00060	1.63	126	38	P1
4	93	C	07H	TEC		00077	700ZS	02C+ 0.0	0.53	136	31	P1		00073	0.60	128	30	P1
								02C+ 0.1						00071	0.56	136	28	P1
5	93	C	07H	TEC		00094	700ZS	01C+ 0.0	1.05	135	37	P1		00070	1.12	124	23	P1

NUMBER OF TUBES IN REPORT = 39

NSP

**CUMULATIVE INDICATIONS REPORT**  
PRAIRIE ISLAND, UNIT 2

Generator: 22  
Leg.....: Hot and Cold legs  
Release..: 2.2  
40% TO 100% for the entire length

Page: 1 of 1  
Date: 02/27/97  
Time: 14:04

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION	CURRENT					05/95				
			BEG	END	REM				VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
40	26	C	TEH	TEC	PLG	00041	720ZU	01C+ 0.1	1.13	124	46	P1		00040	1.07	111	36	P1
44	38	C	TEH	TEC	PLG	00045	720ZU	02C+ 0.0	2.45	132	44	P1		00031	1.74	135	27	P1
37	47	C	TEH	TEC	PLG	00073	720ZU	NV2+ 33.5	4.49	0	46	P2		00043	3.94	0	44	P2
40	47	C	TEH	TEC	PLG	00072	720ZU	NV4+ 0.1	2.32	0	40	P2		00045	2.07	0	38	P2
41	65	C	TEH	TEC	PLG	00065	720ZU	01C+ 0.2	1.75	131	48	P1		00047	1.10	127	39	P1
36	70	C	TEH	TEC		00063	720ZU	NV2+ 32.6	2.68	0	42	P2		00067	3.38	0	41	P2
1	93	C	07C	TEC	PLG	00058	720ZU	01C+ 0.1	5.37	135	45	P1		00070	3.21	123	25	P1

NUMBER OF TUBES IN REPORT = 7

NSP

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release..: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

PVN from TEH +22.6 TO TEH +23.0

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Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					REEL	05/95			
			BEG	END						VOLTS	DEG	%	CH			VOLTS	DEG	%	CH
1	7	H	TEH	TSH	F*0	00002	720PR	TRH-	2.3TO-	2.2	5.20	12	SAI	2					
1	10	H	TEH	1HH	F*1	00111	730CR	1BH-	2.4TO-	2.3	4.17	18	SAN	6					
		H	TEH	TSH	F*1	00109	720PR	RTR-	1.2TO-	1.1	3.28	17	SAN	2					
		H	TEH	TSH	F*1	00110	720PR	RTR-	1.2TO-	1.2	4.88	18	SAN	2					
		H	TEH	TSH	F*1	00004	720PR	TRH-	0.1TO+	0.1	3.43	16	SAI	2					
26	11	H	HEL	TOE	PLG	00077	600BR	TOE-	1.7TO-	1.2	13.73	87	MCI	P2					
19	13	H	TEH	TSH	PLG	00004	720PR	TRH-	2.3TO+	23.0	38.47	55	PVN	1	00033	10.86	31	PVN	2
4	14	H	TEH	1HH	F*1	00112	730CR	1BH-	2.3TO-	2.3	1.85	13	SAN	6					
		H	TEH	TSH	F*1	00062	720PR	TRH+	0.0TO+	0.0	1.57	14	SAI	2					
24	15	H	TEH	TSH	F*1	00007	720PR	1BH-	1.5TO-	1.3	9.82	30	MAN	2	00035	0.43	23	MAI	2
31	16	H	HEL	TOE	PLG	00077	600BR	TOE-	1.6TO-	1.2	17.15	79	MCI	P2					
33	16	H	HEL	TOE	PLG	00077	600BR	TOE+	0.2TO+	0.7	4.93	53	VOL	2					
		H	HEL	TOE	PLG	00077	600BR	TOE-	1.3TO-	1.2	9.20	85	MCI	P2					
1	17	H	TEH	TSH	F*1	00008	720PR	1BH-	2.4TO-	2.1	4.40	26	MAN	2	00036	1.32	9	MAI	2
25	17	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.4	1.23	22	SAN	6					
		H	TEH	TSH	F*1	00008	720PR	TRH-	0.1TO+	0.1	2.84	19	SAI	2					
1	18	H	TEH	TSH	F*1	00008	720PR	1BH-	2.2TO-	2.0	10.23	24	MAN	2	00036	0.50	15	MAI	2
4	19	H	TEH	1HH	F*1	00112	730CR	1BH-	2.3TO-	2.2	1.65	15	SAN	6					
		H	TEH	TSH	F*1	00007	720PR	TRH-	0.0TO+	0.1	1.82	9	SAI	2					
21	19	H	TEH	1HH	F*1	00112	730CR	1BH-	2.7TO-	2.4	2.84	6	VOL	6					
		H	TEH	TSH	F*1	00008	720PR	TRH-	1.2TO-	1.0	3.72	2	VOL	2					
1	20	H	TEH	TSH	F*1	00010	720PR	1BH-	2.3TO-	2.1	7.62	25	MAN	2	00038	1.58	18	MAI	2
2	20	H	TEH	TSH	PLG	00010	720PR	TRH-	0.1TO+	0.0	5.00	20	MAI	2					
		H	TEH	TSH	PLG	00104	720PR	TRH-	0.1TO+	0.0	4.08	22	MAN	2					
1	21	H	TEH	TSH	F*1	00010	720PR	1BH-	2.3TO-	2.1	7.11	22	MAN	2	00038	1.48	15	MAI	2
16	21	H	TEH	TSH	PLG	00009	720PR	TRH+	0.0TO+	0.2	5.15	26	MAI	2					
		H	TEH	TSH	PLG	00104	720PR	TRH-	0.0TO+	0.2	6.64	29	MAN	2					
18	22	H	TEH	TSH	F*1	00011	720PR	1BH-	1.4TO-	1.3	6.62	21	SAN	2	00037	1.81	11	SAI	2
21	22	H	TEH	TSH	F*2	00010	720PR	TRH+	0.0TO+	0.1	1.61	14	SAI	2					
22	22	H	TEH	TSH	PLG	00009	720PR	TRH+	0.0TO+	0.1	4.84	14	SAI	2					
		H	TEH	TSH	PLG	00104	720PR	TRH-	0.1TO+	0.1	3.29	16	SAN	2					
28	22	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.27	4	SAN	6					
		H	TEH	TSH	F*1	00010	720PR	TRH-	0.1TO+	0.1	1.48	28	SAI	2					
22	23	H	TEH	TSH	F*1	00012	720PR	1BH-	1.7TO-	1.5	4.58	22	SAN	2	00038	0.40	20	SAI	2
27	24	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	1.27	10	MAN	6					
		H	TEH	TSH	F*1	00011	720PR	TRH-	0.0TO+	0.0	1.32	26	MAI	2					
28	24	H	TEH	TSH	F*1	00011	720PR	1BH-	1.5TO-	1.4	8.07	29	MAI	2	00038	1.28	17	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length  
PVH from TEH +22.6 TO TEH +23.0

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Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION		CURRENT				05/95				
			BEG	END	REM					VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
31	24	H	TEH	TSH	PLG	00104	720PR	TRH-	0.1TO+	0.1	1.07	28	VOM	2				
		H	TEH	TSH	PLG	00012	720PR	TSH+	0.0TO+	0.1	0.40	121	VOL	2				
21	25	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	0.71	23	SAN	6				
		H	TEH	TSH	F*1	00012	720PR	TRH+	0.0TO+	0.1	1.17	13	SAI	2				
23	25	H	TEH	TSH	F*1	00012	720PR	1BH-	1.5TO-	1.4	5.48	22	MAN	2	00040	0.89	5	MAI
25	25	H	TEH	1HH	PLG	00111	730CR	1BH-	1.7TO-	1.6	0.80	18	MAN	6				
		H	TEH	2HH	PLG	00114	730CR	2BH-	3.4TO-	3.4	0.84	160	MAN	6				
		H	TEH	1HH	PLG	00110	720PR	RTR-	0.4TO-	0.3	1.18	21	MAN	2				
		H	TEH	RTR	PLG	00109	720PR	RTR-	0.5TO-	0.4	0.61	30	MAN	2				
		H	TEH	TSH	PLG	00012	720PR	TkH-	0.1TO+	0.0	2.94	12	MAI	2				
32	25	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.4	0.75	29	SAN	6				
		H	TEH	TSH	F*1	00011	720PR	TRH+	0.0TO+	0.1	0.99	18	SAI	2				
19	26	H	TEH	1HH	F*1	00112	730CR	1BH-	1.7TO-	1.6	0.97	7	MAN	6				
		H	TEH	TSH	F*1	00058	720PR	TRH+	0.0TO+	0.2	1.13	20	MAI	2				
22	26	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	1.67	8	SAN	6				
		H	TEH	TSH	F*1	00014	720PR	TRH-	0.1TO+	0.0	1.82	12	SAI	2				
23	26	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.17	24	SAN	6				
		H	TEH	TSH	F*1	00014	720PR	TRH-	0.1TO+	0.0	2.36	17	SAI	2	00040	0.24	30	UDI
40	26	C	01C	01C	PLG	00115	720PR	01C-	0.4TO+	0.3	1.99	98	VOL	2	00040	1.07	111	36
20	27	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	0.58	28	SAN	6				
		H	TEH	TSH	F*1	00015	720PR	TRH+	0.1TO+	0.1	1.10	14	SAI	2				
13	28	H	TEH	TSH	PLG	00016	720PR	TRH+	18.6TO+	19.0	0.33	93	SAI	2				
17	28	H	TEH	1HH	F*2	00111	730CR	1BH-	0.4TO+	0.1	0.97	1	SAI	6				
		H	TEH	1HH	F*2	00111	730CR	1BH-	1.7TO-	1.5	2.50	16	MAN	6				
		H	TEH	2HH	F*2	00114	730CR	2BH-	2.1TO-	1.9	0.59	154	SAN	6				
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.2TO-	3.1	0.47	15	MAN	6				
		H	TEH	1HH	F*2	00110	720PR	RTR+	0.8TO+	1.0	0.56	125	SAI	2				
		H	TEH	RTR	F*2	00109	720PR	RTR-	0.3TO-	0.3	1.27	18	MAN	2				
		H	TEH	1HH	F*2	00110	720PR	RTR-	0.4TO-	0.3	2.38	15	MAN	2				
		H	TEH	TSH	F*2	00016	720PR	TRH+	0.0TO+	0.2	2.72	14	MAI	2				
32	28	H	TEH	TSH	PLG	00104	720PR	TRH-	0.0TO+	0.1	1.25	23	MAN	2				
		H	TEH	TSH	PLG	00016	720PR	TRH-	0.1TO+	0.0	1.21	16	MAI	2				
		H	TEH	TSH	PLG	00016	720PR	TSH-	0.1TO+	0.2	0.54	103	VOL	2				
		H	TEH	TSH	PLG	00104	720PR	TSH-	0.1TO+	0.2	0.42	108	VOM	2				
19	29	H	TEH	1HH	F*1	00111	730CR	1BH-	1.7TO-	1.6	1.77	10	SAN	6				
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	2.65	9	SAN	2				
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.4TO-	0.4	1.71	12	SAN	2				
		H	TEH	TSH	F*1	00018	720PR	TRH+	0.0TO+	0.1	1.66	12	SAI	2				
24	29	H	TEH	1HH	F*1	00111	730CR	1BH-	1.6TO-	1.5	1.07	16	SAN	6				
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.2	1.66	16	SAN	2				
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.4TO-	0.4	1.06	27	SAN	2				
		H	TEH	TSH	F*1	00017	720PR	TRH-	0.0TO+	0.1	2.17	30	SAI	2				
29	29	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	1.35	19	SAN	6				
		H	TEH	TSH	F*1	00018	720PR	TRH-	0.0TO+	0.1	3.16	20	SAI	2				

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 3 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT			REEL	PROBE	LOCATION			CURRENT					05/95				
			BEG	END	REM						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
32	29	H	TEH	1HH	F*1	00111	730CR	1BH-	1.6TO-	1.5	1.12	30	SAN	6						
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.3TO-	0.3	1.17	31	SAN	2						
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.5TO-	0.4	1.01	30	SAN	2						
		H	TEH	TSH	F*1	00018	720PR	TRH-	0.0TO+	0.1	0.83	25	SAI	2						
27	30	H	TEH	TSH	F*1	00017	720PR	1BH-	1.6TO-	1.2	12.66	25	MAI	2		00043	1.87	19	SAI	2
32	30	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	1.66	17	MAN	6						
		H	TEH	TSH	F*1	00018	720PR	TRH-	0.1TO+	0.0	1.90	19	MAI	2						
35	30	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.4	1.58	24	SAN	6						
		I	TEH	TSH	F*1	00017	720PR	TRH-	0.1TO+	0.0	1.41	18	SAI	2						
3	31	H	TEH	TSH	F*1	00018	720PR	1BH-	1.7TO-	1.3	8.45	22	MAI	2		00047	1.03	25	MAI	2
								TEH+	2.1							00085	2.14	74	DRI	P3
15	31	H	TEH	TSH	F*2	00018	720PR	1BH-	1.5TO-	1.4	6.17	18	MAN	2		00047	1.69	17	MAI	2
		H	TEH	2HH	F*2	00114	730CR	2BH-	0.4TO-	0.3	1.33	10	SAI	6						
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.6TO-	3.5	3.93	14	MAN	6						
20	32	H	TEH	TSH	F*1	00017	720PR	1BH-	1.5TO-	1.4	3.61	12	MAN	2		00049	0.43	12	MAI	2
31	32	H	TEH	TSH	F*1	00018	720PR	1BH-	1.6TO-	1.5	8.40	18	SAN	2		00048	1.20	18	SAI	2
1	33	H	TEH	TSH	F*0	00020	720PR	TRH-	2.3TO-	2.2	4.55	22	MAI	2						
25	33	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.39	16	SAN	6						
		H	TEH	TSH	F*1	00020	720PR	TRH-	0.1TO-	0.1	1.13	13	SAI	2						
1	34	H	TEH	TSH	F*0	00022	720PR	TRH-	2.8TO-	2.5	5.56	26	SAI	2						
28	34	H	TEH	TSH	F*1	00021	720PR	1BH-	1.6TO-	1.5	1.01	16	MAI	2		00050	0.40	22	SAI	2
13	35	H	TEH	TSH	F*1	00022	720PR	1BH-	1.2TO-	0.9	6.13	22	MAN	2		00049	0.60	23	MAI	2
14	35	H	TEH	TSH	F*2	00021	720PR	1BH-	1.2TO-	1.1	1.12	15	SAN	2		00050	1.09	15	SAI	2
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.2TO-	3.1	3.16	14	SAN	6						
19	35	H	TEH	1HH	F*2	00112	730CR	1BH-	1.5TO-	1.4	0.40	20	SAN	6						
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.2TO-	3.2	0.33	19	SAN	6						
		H	TEH	TSH	F*2	00022	720PR	TRH+	0.1TO+	0.2	1.98	14	SAI	2						
28	35	H	TEH	TSH	F*1	00021	720PR	1BH-	1.6TO-	1.4	2.72	22	MAN	2		00049	2.73	20	MAI	2
								TEH+	3.2TO+	3.4										
37	35	H	TEH	1HH	F*2	00112	730CR	1BH+	1.0TO+	1.1	0.79	24	SAI	6						
		H	TEH	2HH	F*2	00114	730CR	2BH-	0.9TO-	0.8	0.89	19	SAN	6						
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.5TO-	3.4	1.21	10	SAN	6						
		H	TEH	TSH	F*2	00060	720PR	TRH-	0.1TO-	0.0	1.49	13	SAI	2						
20	36	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	0.35	30	MAN	6						
		H	TEH	TSH	F*1	00022	720PR	TRH+	0.1TO+	0.2	1.27	9	MAI	2						
23	36	H	TEH	TSH	F*1	00021	720PR	1BH-	1.3TO-	1.2	3.62	19	MAN	2		00050	3.87	17	MAI	2
27	36	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	2.00	12	SAN	6						
		I	TEH	TSH	F*1	00021	720PR	TRH-	0.0TO+	0.0	0.54	9	SAI	2						
1	37	H	TEH	TSH	F*0	00024	720PR	TRH-	2.7TO-	2.4	11.05	25	MAI	2		00050	1.01	30	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VON for the entire length

PVN from TEH +22.6 TO TEH +23.0

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Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
20	37	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	0.72	19	SAN	6					
		H	TEH	TSH	F*1	00060	720PR	TRH+	0.1TO+	0.2	1.05	18	SAI	2					
23	37	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	2.52	8	SAN	6					
		H	TEH	TSH	F*1	00023	720PR	TRH+	0.0TO+	0.1	0.75	16	SAI	2					
14	38	H	TEH	TSH	F*1	00026	720PR	1BH-	1.6TO-	1.4	2.87	26	MAI	2	00052	0.48	24	SAI	2
16	38	H	TEH	TSH	PLG	00025	720PR	1BH+	16.6TO+	17.2	2.18	86	SAI	2					
		H	TEH	TSH	PLG	00104	720PR	1BH+	16.6TO+	17.3	4.78	82	MAI	2					
		H	TEH	TSH	PLG	00108	720MR	1BH+	16.7TO+	17.7	7.83	72	MAI	2					
		H	TEH	TSH	PLG	00104	720PR	1BH-	1.6TO-	1.1	21.47	37	MAN	2					
		H	TEH	TSH	PLG	00025	720PR	1BH-	1.7TO-	1.2	6.63	30	MAI	2	00030	3.07	46	DR1	P3
		H	TEH	TSH	PLG	00108	720MR	1BH-	1.7TO-	1.2	20.55	37	MAN	2					
		H	TEH	TSH	PLG	00113	730CR	2BH+	14.8TO+	16.0	8.84	77	SAI	6					
		H	TEH	TSH	PLG	00113	730CR	2BH-	3.5TO-	3.0	18.56	31	MAN	6					
								TEH+	2.3TO+	2.7					00052	1.76	31	MAI	2
19	38	H	TEH	TSH	F*1	00026	720PR	1BH-	1.7TO-	1.5	5.37	21	MAN	2	00051	0.89	18	MAI	2
20	38	H	TEH	TSH	F*1	00025	720PR	1BH-	1.4TO-	1.3	3.99	18	MAN	2	00052	0.42	17	MAI	2
37	38	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.3	0.99	11	SAN	6					
		H	TEH	TSH	F*1	00060	720PR	TRH+	0.0TO+	0.2	1.83	7	SAI	2					
44	38	C	O2C	O2C	PLG	00115	720PR	G2C-	0.3TO+	0.3	1.97	117	VOL	2	00031	1.74	135	27	P1
37	40	H	TEH	TSH	PLG	00027	720PR	TRH-	0.3TO+	0.0	2.29	159	VOL	2					
		H	TEH	TSH	PLG	00104	720PR	TRH-	0.3TO+	0.0	1.93	152	VON	2					
1	41	H	TEH	TSH	F*0	00028	720PR	TRH-	2.3TO-	2.2	6.29	20	MAI	2					
14	41	H	TEH	TSH	F*1	00027	720PR	1BH-	1.5TO-	1.2	10.49	21	SAN	2	00052	1.68	20	SAI	2
19	41	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	0.99	22	SAN	6					
		H	TEH	TSH	F*1	00028	720PR	TRH+	0.1TO+	0.2	2.54	8	SAI	2					
21	41	H	TEH	1HH	F*1	00111	730CR	1BH-	1.6TO-	1.5	0.82	36	SAN	6					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.3TO-	0.2	0.72	36	SAN	2					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.3TO-	0.2	1.21	27	SAN	2					
		H	TEH	TSH	F*1	00028	720PR	TRH+	0.0TO+	0.2	3.99	23	SAI	2					
27	41	H	TEH	TSH	F*1	00027	720PR	1BH-	1.4TO-	1.3	7.52	13	SAN	2	00054	0.92	18	SAI	2
1	42	H	TEH	TSH	F*1	00074	720PR	TRH+	0.2TO+	0.3	1.57	12	SAI	2					
2	42	H	TEH	TSH	F*0	00074	720PR	TRH-	2.7TO-	2.6	2.73	17	SAI	2					
12	42	H	TEH	TSH	F*1	00027	720PR	1BH-	1.4TO-	1.3	11.37	19	MAN	2	00053	1.36	17	MAI	2
20	42	H	TEH	TSH	F*1	00027	720PR	1BH-	1.7TO-	1.2	13.00	37	MAI	2	00053	2.20	11	MAI	2
22	42	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	1.27	25	SAN	6					
		H	TEH	TSH	F*1	00028	720PR	TRH+	0.1TO+	0.2	3.13	15	SAI	2					
24	42	H	TEH	1HH	F*1	00112	730CR	1BH-	1.7TO-	1.7	0.88	9	SAN	6					
		H	TEH	TSH	F*1	00028	720PR	TRH-	0.0TO+	0.1	1.42	19	SAI	2					
33	42	H	TEH	TSH	F*1	00027	720PR	1BH-	1.6TO-	1.5	5.33	13	MAI	2	00054	0.61	25	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22  
 Leg.....: Hot and Cold legs  
 Release...: 2.2  
 MAI,MAN,MCI,SAI,SAH,SCI,VOL,VOM for the entire length  
 PVN from TEH -22.6 TO TEH +23.0

Page: 5 of 13  
 Date: 02/27/97  
 Time: 14:29

ROW	COL	LEG	EXTENT BEG	END	REM	REEL	PROBE	LOCATION	CURRENT						05/95				
									VOLTS	DEG	%	CH			REEL	VOLTS	DEG	%	CH
1	43	H	TEH	TSH	F*0	00074	720PR	TRH- 2.8TO-	2.7	3.97	27	SAI	2						
33	43	H	TEH	TSH	F*1	00030	720PR	1BH- 1.5TO-	1.4	4.93	20	MAI	2		00053	0.40	20	SAI	2
37	43	H	TEH	TSH	F*1	00030	720PR	1BH- 1.2TO-	1.1	4.26	19	MAN	2		00054	0.64	16	MAI	2
1	44	H	TEH	1HH	F*2	00115	730CR	1BH- 1.6TO-	1.5	0.61	16	MAN	6						
		H	TEH	1HH	F*2	00115	730CR	1BH- 4.2TO-	4.0	6.35	13	MAN	6						
		H	TEH	TSH	F*2	00118	730CR	2BH- 3.3TO-	3.2	0.99	17	MAN	6						
		H	TEH	TSH	F*2	00118	730CR	2BH- 5.7TO-	5.6	4.70	20	MAN	6						
		H	TEH	TSH	F*2	00074	720PR	TRH+ 0.2TO+	0.3	1.42	10	MAI	2						
		H	TEH	TSH	F*2	00074	720PR	TRH- 2.7TO-	2.6	5.38	18	MAI	2						
13	44	H	TEH	TSH	F*1	00030	720PR	1BH- 1.1TO-	1.0	4.02	11	MAN	2		00053	0.64	10	MAI	2
14	44	H	TEH	1HH	F*1	00111	730CR	1BH- 1.7TO-	1.6	0.79	31	SAN	6						
		H	TEH	RTR	F*1	00109	720PR	RTR- 0.3TO-	0.3	0.84	35	SAN	2						
		H	TEH	1HH	F*1	00110	720PR	RTR- 0.3TO-	0.3	1.09	33	SAN	2						
		H	TEH	TSH	F*1	00029	720PR	TRH+ 0.1TO+	0.2	3.84	22	SAI	2						
17	44	H	TEH	TSH	F*1	00030	720PR	1BH- 1.5TO-	1.4	2.92	13	SAN	2		00053	0.30	20	SAI	2
27	44	H	TEH	1HH	F*1	00111	730CR	1BH- 1.6TO-	1.5	1.60	11	SAN	6						
		H	TEH	1HH	F*1	00110	720PR	RTR- 0.4TO-	0.3	1.70	12	SAN	2						
		H	TEH	RTR	F*1	00109	720PR	RTR- 0.4TO-	0.4	1.37	13	SAN	2						
		H	TEH	TSH	F*1	00029	720PR	TRH- 0.1TO+	0.0	2.39	19	SAI	2						
1	45	H	TEH	TSH	F*0	00074	720PR	TRH- 2.7TO-	2.4	4.84	18	MAI	2						
13	45	H	TEH	TSH	F*1	00030	720PR	1BH- 1.5TO-	1.4	4.16	20	SAI	2		00055	1.51	15	MAI	2
15	45	H	TEH	1HH	F*1	00112	730CR	1BH- 1.5TO-	1.4	1.22	12	MAN	6						
		H	TEH	TSH	F*1	00030	720PR	TRH+ 0.2TO+	0.3	2.86	24	MAI	2						
17	45	H	TEH	TSH	F*2	00029	720PR	1BH- 1.6TO-	1.1	14.33	33	MAI	2		00055	1.92	31	MAI	2
		H	TEH	2HH	F*2	00114	730CR	2BH- 3.3TO-	2.8	12.73	25	MAN	6						
28	45	H	TEH	1HH	F*1	00112	730CR	1BH- 1.6TO-	1.5	0.39	61	MAN	6						
		H	TEH	TSH	F*1	00030	720PR	TRH+ 0.0TO+	0.1	1.31	20	MAI	2						
13	46	H	TEH	TSH	PLG	00104	720PR	1BH- 1.7TO-	1.0	28.05	40	MAN	2		00007			BDA	
		H	TEH	TSH	PLG	00108	720MR	1BH- 1.7TO-	1.2	30.85	42	MAN	2						
		H	TEH	TSH	PLG	00032	720PR	1BH- 1.8TO-	0.9	38.84	34	MAI	2		00061	1.50	19	SAI	2
17	46	H	TEH	1HH	F*1	00111	730CR	1BH- 1.6TO-	1.5	1.33	61	MAN	6						
		H	TEH	RTR	F*1	00109	720PR	RTR- 0.3TO-	0.2	1.34	61	MAN	2						
		H	TEH	1HH	F*1	00110	720PR	RTR- 0.3TO-	0.2	1.54	58	MAN	2						
		H	TEH	TSH	F*1	00032	720PR	TRH+ 0.1TO+	0.3	5.25	23	MAI	2						
26	46	H	TEH	TSH	F*1	00031	720PR	1BH- 1.5TO-	1.4	6.47	23	MAI	2		00061	0.50	18	SAI	2
12	47	H	TEH	1HH	F*1	00115	730CR	1BH- 1.5TO-	1.4	0.75	23	SAN	6						
		H	TEH	TSH	F*1	00031	720PR	TRH+ 0.1TO+	0.2	2.24	16	SAI	2						
37	47	H	TEH	TSH	PLG	00108	720MR	TSH+ 3.9TO+	4.1	0.22	113	VOM	2						
		H	TEH	TSH	PLG	00032	720PR	TSH+ 3.9TO+	4.1	0.30	119	VOL	P1						
		H	TEH	TSH	PLG	00104	720PR	TSH+ 3.9TO+	4.2	0.28	117	VOM	2						
2	48	H	TEH	TSH	F*1	00071	720PR	1BH- 1.2TO-	1.1	5.89	12	MAN	2		00072	1.80	12	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 6 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95				
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH
9	48	H	TEH	TSH	F*0	00071	720PR	TRH-	2.7TO-	2.5	3.76	9	SAI	2				
22	48	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.44	11	SAN	6				
		H	TEH	TSH	F*1	00032	720PR	TRH+	0.2TO+	0.2	1.28	9	SAI	2				
23	48	H	TEH	TSH	F*1	00031	720PR	1BH-	1.4TO-	1.2	8.12	24	MAN	2	00013	0.93	26	MAI
27	48	H	TEH	1HH	F*2	00112	730CR	1BH-	1.5TO-	1.5	0.91	20	SAN	6				
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.2TO-	3.2	0.88	13	SAN	6				
		H	TEH	TSH	F*2	00031	720PR	TRH-	0.1TO+	0.0	1.61	22	SAI	2				
28	48	H	TEH	TSH	F*1	00032	720PR	1BH-	1.8TO-	1.6	6.11	23	MAN	2	00009	0.97	22	BDA
															00060			MAI
29	48	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	1.23	33	SAN	6				
		H	TEH	TSH	F*1	00031	720PR	TRH-	0.1TO+	0.0	1.84	24	SAI	2				
1	49	H	TEH	TSH	F*1	00056	720PR	1BH-	1.3TO-	1.2	6.46	23	SAN	2	00071	0.87	15	SAI
		H	TEH	TSH	F*1	00056	720PR	1BH-	3.6TO-	3.6	5.88	21	SAN	2	00071	1.20	16	SAI
3	49	H	TEH	TSH	F*1	00071	720PR	1BH-	1.3TO-	1.1	14.57	20	MAI	2	00071	1.26	31	SAI
5	49	H	TEH	TSH	F*0	00071	720PR	TRH-	2.7TO-	2.6	3.31	11	SAI	2				
7	49	H	TEH	TSH	F*0	00071	720PR	TRH-	2.8TO-	2.7	4.47	10	SAI	2				
11	49	H	TEH	1HH	F*1	00115	730CR	1BH-	1.4TO-	1.3	0.70	10	MAN	6				
		H	TEH	TSH	F*1	00032	720PR	TRH-	0.1TO+	0.1	3.24	24	MAI	2				
12	49	H	TEH	TSH	F*1	00031	720PR	1BH-	1.4TO-	1.2	7.64	19	MAI	2	00014	0.35	19	MAI
13	49	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	0.91	14	SAN	6				
		H	TEH	TSH	F*1	00032	720PR	TRH+	0.1TO+	0.3	1.21	14	SAI	2				
14	49	H	TEH	TSH	F*1	00031	720PR	1BH-	1.5TO-	1.0	10.47	22	MAI	2	00014	0.46	19	MAI
18	49	H	TEH	TSH	F*1	00031	720PR	1BH-	1.4TO-	1.2	8.37	16	MAN	2	00014	0.32	14	MAI
23	49	H	TEH	TSH	F*1	00031	720PR	1BH-	1.6TO-	1.2	14.28	23	MAI	2	00013	1.17	23	MAI
28	49	H	TEH	TSH	F*1	00032	720PR	1BH-	1.8TO-	1.7	4.25	14	SAN	2	00060	0.82	10	SAI
32	49	H	TEH	TSH	F*1	00032	720PR	1BH-	1.7TO-	1.5	9.04	26	MAN	2	00014	0.42	23	MAI
41	49	H	TEH	TSH	F*1	00032	720PR	1BH-	1.2TO-	1.1	5.36	22	SAN	2	00060	0.79	28	SAI
1	50	H	TEH	TSH	F*0	00056	720PR	TRH-	2.5TO-	2.2	10.48	17	SAI	1	00070	5.20	21	SAI
7	50	H	TEH	TSH	F*0	00070	720PR	TEH+	0.2TO+	0.3	6.12	15	SAN	2	00073	1.59	16	SAI
								TRH-	2.6TO-	2.5					00066			
9	50	H	TEH	TSH	F*1	00070	720PR	1BH-	1.2TO-	1.2	5.10	24	MAN	2	00073	2.70	12	MAI
23	50	H	TEH	1HH	F*1	00111	730CR	1BH-	1.6TO-	1.5	2.24	10	MAN	6				
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.4TO-	0.3	1.97	9	MAN	2				
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	2.17	11	MAN	2				
		H	TEH	TSH	F*1	00031	720PR	TRH-	0.1TO+	0.0	3.90	12	MAI	2				
24	50	H	TEH	TSH	F*1	00032	720PR	1BH-	1.7TO-	1.6	6.84	21	MAN	2	00013	0.63	13	MAI

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VON for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 7 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
25	50	H	TEH	1HH	F*1	00112	730CR	1BH-	2.4TO-	2.3	3.07	18	SAN	6					
		H	TEH	TSH	F*1	00031	720PR	TRH-	0.0TO+	0.0	1.72	18	SAI	2					
26	50	H	TEH	1HH	F*2	00112	730CR	1BH-	1.6TO-	1.5	1.61	12	MAN	6					
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.2TO-	3.1	1.49	13	MAN	6					
		H	TEH	TSH	F*2	00032	720PR	TRH-	0.1TO+	0.1	2.48	16	MAI	2					
29	50	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	1.31	14	SAN	6					
		H	TEH	TSH	F*1	00032	720PR	TRH-	0.1TO-	0.0	1.18	14	SAI	2					
32	50	H	TEH	TSH	F*1	00031	720PR	1BH-	1.5TO-	1.1	8.55	19	MAI	2	00013	0.36	39	MAI	2
33	50	H	TEH	TSH	F*1	00032	720PR	1BH-	1.7TO-	1.5	6.98	21	SAN	2	00014	0.23	26	SAI	2
34	50	H	TEH	1HH	F*1	00111	730CR	1BH-	1.6TO-	1.6	1.61	27	SAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	2.03	20	SAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.4TO-	0.4	1.79	23	SAN	2					
		H	TEH	TSH	F*1	00031	720PR	TRH-	0.1TO+	0.0	3.00	22	SAI	2					
1	51	H	TEH	TSH	F*0	00054	720PR	TRH-	2.5TO-	2.3	11.42	27	MAN	2	00070	3.99	20	MAI	2
4	51	H	TEH	TSH	F*0	00055	720PR	TRH-	2.6TO-	2.5	2.49	20	MAI	2	00074				OBS
7	51	H	TEH	TSH	F*0	00071	720PR	TRH-	2.8TO-	2.7	4.46	12	SAI	2	00066				OBS
18	51	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.3	0.41	11	MAN	6					
		H	TEH	TSH	F*1	00033	720PR	TRH+	0.1TO+	0.1	1.66	14	MAI	2					
28	51	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.35	7	SAN	6					
		H	TEH	TSH	F*1	00033	720PR	TRH-	0.0TO+	0.0	1.12	13	SAI	2					
32	51	H	TEH	TSH	F*1	00033	720PR	1BH-	1.4TO-	1.2	49.36	21	SAN	2	00014	0.41	21	SAI	2
1	52	H	TEH	TSH	F*0	00054	720PR	TRH-	2.5TO-	2.4	13.24	24	MAN	2	00071	3.99	21	MAI	2
3	52	H	TEH	1HH	F*1	00115	730CR	1BH-	1.4TO-	1.3	1.30	15	SAN	6					
		H	TEH	TSH	F*1	00054	720PR	TRH-	0.0TO+	0.0	1.81	20	SAI	2					
24	52	H	TEH	TSH	F*2	00033	720PR	1BH-	2.5TO-	2.4	11.36	21	MAN	2					
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.3TO-	3.0	11.68	25	MAN	6	00013	0.72	20	MAI	2
								TEH+	2.3TO+	2.4									
28	52	H	TEH	TSH	F*1	00033	720PR	1BH-	1.6TO-	1.4	1.14	17	SAN	2	00013	0.29	17	SAI	2
33	52	H	TEH	TSH	F*1	00034	720PR	1BH-	1.2TO-	0.9	6.32	23	SAN	2	00014	0.24	16	SAI	2
1	53	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.3	6.27	23	MAI	2	00071	0.82	21	SAI	2
12	53	H	TEH	TSH	F*2	00036	720PR	1BH-	1.4TO-	1.3	7.45	18	SAN	2	00013	0.71	12	SAI	2
		H	TEH	TSH	F*2	00036	720PR	1BH-	2.5TO-	2.2	6.51	186	VOL	2					
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.0TO-	2.9	6.95	16	SAN	6					
		H	TEH	2HH	F*2	00114	730CR	2BH-	4.0TO-	3.7	5.40	2	VON	6					
13	53	H	TEH	TSH	F*1	00035	720PR	1BH-	1.4TO-	0.9	13.54	25	MAN	2	00014	1.09	20	MAI	2
								TEH+	2.3						00052	1.06	37	DRI	P3
1	54	H	TEH	TSH	F*1	00054	720PR	1BH-	1.3TO-	1.0	5.73	16	MAI	2	00071	0.31	26	SAI	2
		H	TEH	TSH	F*1	00054	720PR	1BH-	3.6TO-	3.6	3.83	19	MAI	2					

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MC1,SA1,SAN,SCI,VOL,VOL% for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 8 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXISTENT			REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END	REM					VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
16	54	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.2	0.59	41	MAN	6					
		H	TEH	TSH	F*1	00036	720PR	TRH+	0.1TO+	0.2	2.97	27	MAI	2					
18	54	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.4	1.51	26	MAN	6					
		H	TEH	TSH	F*1	00036	720PR	TRH+	0.1TO+	0.2	2.79	21	MAI	2					
23	54	H	TEH	TSH	F*1	00036	720PR	1BH-	1.6TO-	1.5	4.36	15	SAN	2	00016	0.56	6	SAI	2
24	54	H	TEH	1HH	F*1	00111	730CR	1BH-	1.6TO-	1.5	1.54	26	SAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	1.67	18	SAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.4TO-	0.4	1.31	29	SAN	2					
		H	TEH	TSH	F*1	00035	720PR	TRH-	0.1TO+	0.0	4.21	20	SAI	2					
10	55	H	TEH	TSH	F*1	00053	720PR	1BH-	1.3TO-	1.3	3.61	24	MAI	2	00070	1.05	11	SAI	2
13	55	H	TEH	TSH	F*1	00035	720PR	1BH-	1.5TO-	0.8	43.25	40	MAN	2	00016	1.65	26	MAI	2
								TEH+	2.3						00051	3.81	60	DRI	P3
22	55	H	TEH	TSH	F*1	00036	720PR	1BH-	1.5TO-	1.4	4.79	19	SAN	2	00015	0.85	7	SAI	2
28	55	H	TEH	1HH	F*1	00112	730CR	1BH-	2.4TO-	2.2	0.72	104	VON	6					
		H	TEH	TSH	F*1	00036	720PR	TRH-	1.0TO-	0.8	0.81	101	VOL	2					
33	55	H	TEH	TSH	F*1	00035	720PR	1BH-	1.5TO-	1.4	8.33	24	SAN	2	00015	1.06	16	SAI	2
1	56	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.3	4.75	21	MAI	2					
4	56	H	TEH	TSH	F*1	00053	720PR	1BH-	1.3TO-	1.2	13.05	30	MAI	2	00070	1.59	25	SAI	2
27	56	H	TEH	1HH	F*1	00111	730CR	1BH-	1.7TO-	1.6	1.39	17	SAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	1.28	17	SAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.5TO-	0.4	1.28	24	SAN	2					
		H	TEH	TSH	F*1	00035	720PR	TRH-	0.0TO+	0.1	0.56	17	SAI	2					
28	56	H	TEH	1HH	F*1	00111	730CR	1BH-	1.0TO-	1.5	1.09	11	MAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.4	0.63	12	SAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.5TO-	0.4	0.60	15	SAN	2					
		H	TEH	TSH	F*1	00036	720PR	TRH-	0.0TO+	0.1	1.96	25	SAI	2					
37	56	H	TEH	1HH	F*2	00111	730CR	1BH-	1.5TO-	1.4	1.37	7	SAN	6					
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.2TO-	3.2	0.28	35	SAN	6					
		H	TEH	1HH	F*2	00110	720PR	RTR+	1.5TO+	3.1	0.29	137	SAI	2					
		H	TEH	RTR	F*2	00109	720PR	RTR-	0.4TO-	0.4	0.57	21	SAN	2					
		H	TEH	1HH	F*2	00110	720PR	RTR-	0.4TO-	0.4	1.50	8	SAN	2					
		H	TEH	TSH	F*2	00036	720PR	TRH-	0.0TO+	0.1	1.38	14	SAI	2					
		H	TEH	TSH	F*2	00036	720PR	TRH-	2.3TO-	2.2	2.54	17	SAI	2					
7	57	H	TEH	TSH	F*1	00054	720PR	1BH-	1.2TO-	1.1	6.11	27	SAN	2	00071	0.87	21	SAI	2
13	57	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.3	1.84	25	MAN	6					
		H	TEH	TSH	F*1	00036	720PR	TRH+	0.1TO+	0.2	2.73	25	MAI	2					
21	57	H	TEH	TSH	F*1	00036	720PR	1BH-	1.2TO-	1.1	6.90	18	MAN	2	00016	0.89	11	MAI	2
13	58	H	TEH	TSH	F*1	00037	720PR	1BH-	1.2TO-	1.1	9.58	17	MAN	2	00015	1.36	16	MAI	2
								TEH+	2.6						00050	0.66	60	DRI	P3
18	58	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.2	0.57	39	MAN	6					
		H	TEH	TSH	F*1	00038	720PR	TRH+	0.2TO+	0.3	2.08	20	MAI	2					

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VON for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 9 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION			CURRENT					05/95				
			BEG	END							VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
23	58	H	TEH	TSH	F*1	00038	720PR	1BH-	1.5TO-	1.5	10.18	21	SAN	2		00016	1.56	14	SAI	2
34	58	H	TEH	TSH	F*0	00037	720PR	TRH-	2.2TO-	2.1	9.89	17	MAI	2						
37	58	H	TEH	TSH	F*1	00038	720PR	1BH-	1.5TO-	1.4	6.60	23	SAN	2		00016	0.78	15	SAI	2
5	59	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.4	0.68	27	SAN	6						
		H	TEH	TSH	F*1	00054	720PR	TRH+	0.0TO+	0.1	1.32	15	SAI	2						
15	59	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.3	0.63	11	MAN	6						
		H	TEH	TSH	F*1	00038	720PR	TRH+	0.2TO+	0.3	1.61	17	MAI	2						
28	59	H	TEH	TSH	F*1	00037	720PR	1BH-	1.6TO-	1.5	7.39	22	MAN	2		00018	0.12	11	MAI	2
30	59	H	TEH	TSH	F*1	00037	720PR	1BH-	1.6TO-	1.5	6.65	14	MAI	2		00018	0.04	17	SAI	2
7	60	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.4	2.14	17	SAI	2		00065			OBS	
9	60	H	TEH	1HH	F*2	00112	730CR	1BH+	0.3TO+	0.4	1.13	133	SAI	6						
		H	TEH	1HH	F*2	00112	730CR	1BH-	1.3TO-	1.3	0.35	12	SAN	6						
		H	TEH	2HH	F*2	00114	730CR	2BH-	1.6TO-	1.4	0.96	136	SAN	6						
		H	TEH	TSH	F*2	00054	720PR	TRH+	0.0TO+	0.1	1.75	17	SAI	2						
32	60	H	TEH	TSH	F*1	00040	720PR	1BH-	1.5TO-	1.4	5.34	14	SAN	2		00017	1.53	9	SAI	2
37	60	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	0.97	15	SAN	6						
		H	TEH	TSH	F*1	00039	720PR	TRH-	0.0TO+	0.1	0.63	17	SAI	2						
7	61	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.2	0.68	24	MAN	6						
		H	TEH	TSH	F*1	00054	720PR	TRH+	0.0TO+	0.1	2.41	16	MAI	2						
		H	TEH	TSH	F*1	00054	720PR	TRH-	2.5TO-	2.4	8.25	22	SAN	2		00071	2.22	15	SAI	2
22	61	H	TEH	TSH	F*1	00039	720PR	1BH-	1.6TO-	1.5	1.75	19	MAN	2		00017	0.31	10	MAI	2
23	61	H	TEH	TSH	F*1	00040	720PR	1BH-	1.5TO-	1.4	5.19	17	SAN	2		00063	1.34	11	SAI	2
27	61	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	2.93	18	MAN	6						
		H	TEH	TSH	F*1	00039	720PR	TRH-	0.1TO+	0.1	2.84	20	MAI	2		00050	0.30	351	INR	P1
1	62	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.3	9.91	26	MAN	2		00073	6.68	15	MAI	2
5	62	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.6	0.84	19	MAN	6						
		H	TEH	TSH	F*1	00054	720PR	TRH+	0.0TO+	0.1	1.97	17	MAI	2						
19	62	H	TEH	TSH	F*1	00040	720PR	1BH-	1.3TO-	1.2	10.38	23	MAN	2		00018	0.27	12	MAI	2
23	62	H	TEH	1HH	F*1	00112	730CR	1BH-	1.6TO-	1.5	1.47	21	MAN	6						
		H	TEH	TSH	F*1	00039	720PR	TRH-	0.1TO+	0.0	2.11	16	MAI	2						
25	62	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	1.55	11	SAN	6						
		H	TEH	TSH	F*1	00039	720PR	TRH-	0.0TO+	0.1	1.82	17	SAI	2						
34	62	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	1.63	14	SAN	6						
		H	TEH	TSH	F*1	00040	720PR	TRH-	0.0TO+	0.0	2.19	16	SAI	2						
37	62	H	TEH	TSH	F*1	00039	720PR	1BH-	1.5TO-	1.4	4.87	15	SAN	2		00017	0.22	13	SAI	2
		H	TEH	TSH	F*1	00039	720PR	1BH-	3.6TO-	3.5	2.02	15	MAI	2						
1	63	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.3	2.12	19	SAI	2						

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAN,SCI,VOL,VOM for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 10 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95					
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH	
34	63	H	TEH	TSH	F*0	00039	720PR	TRH-	2.3TO-	2.2	4.44	12	MAI	2					
37	63	H	TEH	TSH	F*1	00040	720PR	1BH-	1.5TO-	1.4	3.08	17	SAN	2	00017	0.36	13	SAI	2
1	64	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.4	2.51	21	SAI	2					
7	64	H	TEH	1HH	F*1	00112	730CR	1BH-	3.8TO-	3.7	8.65	22	SAN	6	00073	4.82	13	SAI	2
		H	TEH	TSH	F*1	00054	720PR	TRH-	1.4TO-	1.3	7.26	25	SAN	2					
9	64	H	TEH	TSH	F*1	00054	720PR	1BH-	1.2TO-	1.1	6.83	26	SAN	2	00073	0.95	19	SAI	2
29	64	H	TEH	TSH	PLG	00040	720PR	TRH-	0.0TO-	0.0	1.66	16	SAI	2	00018	10.87	100	VOL	1
		H	TEH	TSH	PLG	00104	720PR	TRH-	0.1TO+	0.1	1.43	14	SAN	2					
		H	TEH	TSH	PLG	00104	720PR	TSH+	0.0TO+	0.3	0.86	99	VON	2					
		H	TEH	TSH	PLG	00040	720PR	TSH+	0.1TO+	0.4	1.08	103	VOL	2					
30	64	H	TEH	TSH	PLG	00039	720PR	TSH+	0.1TO+	0.3	0.64	98	VOL	2	00017	0.14	81	VOL	2
		H	TEH	TSH	PLG	00104	720PR	TSH+	0.1TO+	0.3	0.56	108	VON	2					
32	64	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.10	15	MAN	6					
		H	TEH	TSH	F*1	00039	720PR	TRH-	0.1TO+	0.1	2.44	17	MAI	2					
34	64	H	TEH	TSH	F*1	00039	720PR	1BH-	1.6TO-	1.5	8.58	19	MAI	2	00017	5.07	12	SAI	2
		H	TEH	TSH	F*1	00039	720PR	1BH-	3.8TO-	3.7	4.22	19	MAI	2					
37	64	H	TEH	TSH	F*0	00040	720PR	TRH-	2.3TO-	2.3	1.88	16	MAI	2					
7	65	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.3	5.44	21	SAN	2	00073	1.53	15	SAI	2
8	65	H	TEH	TSH	F*0	00053	720PR	TRH-	2.5TO-	2.4	4.64	20	SAI	2					
10	65	H	TEH	TSH	F*1	00053	720PR	1BH-	1.3TO-	1.2	6.73	22	MAN	2	00072	1.27	16	MAI	2
12	65	H	TEH	TSH	F*1	00039	720PR	1BH-	1.3TO-	1.2	3.08	12	MAN	2	00017	0.82	11	MAI	2
15	65	H	TEH	TSH	F*1	00040	720PR	1BH-	1.3TO-	1.2	3.65	10	MAN	2	00018	0.69	3	MAI	2
16	65	H	TEH	1HH	F*2	00112	730CR	1BH-	1.4TO-	1.3	0.25	56	MAN	6					
		H	TEH	2HH	F*2	00114	730CR	2BH-	3.1TO-	3.0	0.16	32	MAN	6					
		H	TEH	TSH	F*2	00039	720PR	TRH+	0.1TO+	0.2	1.50	13	MAI	2					
18	65	H	TEH	TSH	PLG	00104	720PR	TRH+	0.9TO+	2.3	0.29	146	VON	2					
		H	TEH	TSH	PLG	00039	720PR	TRH+	1.0TO+	2.5	0.41	313	VOL	2					
		H	TEH	TSH	PLG	00104	720PR	TRH+	7.8TO+	8.1	0.15	82	VON	2					
		H	TEH	TSH	PLG	00039	720PR	TRH+	7.8TO+	8.6	0.26	325	VOL	2					
20	65	H	TEH	TSH	F*1	00039	720PR	1BH-	1.6TO-	1.5	3.90	26	MAN	2	00017	6.84	12	MAI	2
27	65	H	TEH	TSH	F*1	00040	720PR	1BH-	1.5TO-	1.4	6.71	14	SAN	2	00020	0.35	10	SAI	2
34	65	H	TEH	TSH	F*0	00041	720PR	TRH-	2.3TO-	2.1	5.21	15	MAI	2					
37	65	H	TEH	TSH	F*0	00042	720PR	TRH-	2.2TO-	2.1	2.26	23	SAI	2					
41	65	C	01C	01C	PLG	00115	720PR	01C-	0.1TO+	0.3	2.00	103	VOL	2	00047	1.10	127	39	P1
11	66	H	TEH	TSH	F*1	00042	720PR	1BH-	1.4TO-	1.3	7.54	24	MAN	2	00020	0.25	24	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MC1,SAI,SAN,SCI,VOL,VOM for the entire length

PVN from TEH +22.6 TO TEH +23.0

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Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95					
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH	
12	66	H	TEH	1HH	F*1	00111	730CR	1BH-	1.5TO-	1.4	0.81	9	MAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	1.91	2	MAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.4TO-	0.3	2.15	22	MAN	2					
		H	TEH	TSH	F*1	00041	720PR	TRH+	0.2TO+	0.3	3.94	19	MAI	2					
24	66	H	TEH	TSH	F*1	00041	720PR	1BH-	1.6TO-	1.6	5.73	19	SAN	2	00019	0.21	17	SAI	2
7	67	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.3	1.47	12	SAN	6					
		H	TEH	TSH	F*1	00054	720PR	TRH-	0.0TO+	0.0	2.14	17	SAI	2					
9	67	H	TEH	TSH	F*1	00054	720PR	1BH-	1.2TO-	1.1	9.93	28	MAN	2	00073	3.75	21	MAI	2
16	67	H	TEH	TSH	F*1	00041	720PR	1BH-	1.2TO-	1.1	9.65	18	SAN	2	00019	0.55	11	SAI	2
24	67	H	TEH	TSH	F*1	00041	720PR	1BH-	1.7TO-	1.5	17.40	30	MAN	2	00019	0.48	26	MAI	2
27	67	H	TEH	TSH	F*1	00041	720PR	1BH-	1.7TO-	1.6	12.20	31	MAN	2	00020	0.79	21	MAI	2
34	67	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	0.71	28	SAN	6					
		H	TEH	1HH	F*1	00112	730CR	1BH-	3.7TO-	3.6	5.67	20	MAN	6					
		H	TEH	TSH	F*1	00042	720PR	TRH+	0.0TO+	0.1	1.03	45	SAI	2					
37	67	H	TEH	TSH	F*0	00041	720PR	TRH-	2.3TO-	2.1	3.27	21	MAI	2					
8	68	H	TEH	TSH	F*0	00053	720PR	TRH-	2.4TO-	2.4	2.58	23	SAI	2					
24	68	H	TEH	TSH	F*1	00041	720PR	1BH-	1.6TO-	1.5	12.19	23	MAN	2	00020	1.13	14	MAI	2
27	68	H	TEH	TSH	F*1	00042	720PR	1BH-	1.5TO-	1.4	14.89	22	SAN	2	00019	1.34	16	MAI	2
34	68	H	TEH	TSH	F*0	00041	720PR	TRH-	2.3TO-	2.2	4.45	21	MAI	2					
37	68	H	TEH	TSH	F*1	00042	720PR	1BH-	1.5TO-	1.4	5.93	17	MAN	2	00019	0.16	16	MAI	2
		H	TEH	TSH	F*1	00042	720PR	1BH-	3.7TO-	3.6	6.38	22	MAI	2					
1	69	H	TEH	TSH	F*0	00054	720PR	TRH-	2.4TO-	2.2	12.01	31	MAN	2	00073	3.88	19	MAI	2
24	69	H	TEH	TSH	F*1	00041	720PR	1BH-	1.5TO-	1.4	15.88	24	MAN	2	00019	1.45	18	MAI	2
25	69	H	TEH	TSH	F*1	00042	720PR	1BH-	1.5TO-	1.4	6.10	17	MAN	2	00019	0.44	13	MAI	2
1	70	H	TEH	TSH	F*0	00044	720PR	TRH-	2.5TO-	2.3	8.87	24	MAN	2	00022	1.03	27	MAI	2
27	70	H	TEH	TSH	F*1	00041	720PR	1BH-	1.6TO-	1.6	13.73	22	SAN	2	00021	1.70	14	SAI	2
18	71	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.2	0.42	28	SAN	6					
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.1TO+	0.2	3.17	16	SAI	2					
20	71	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.3	0.29	32	SAN	6					
		H	TEH	1HH	F*1	00112	730CR	1BH-	3.9TO-	3.8	7.99	21	MAN	6					
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.1TO+	0.2	1.50	17	SAI	2					
		H	TEH	TSH	F*1	00043	720PR	TRH-	2.7TO-	2.6	8.45	19	MAI	2	00021	0.67	19	MAI	2
22	71	H	TEH	TSH	F*0	00043	720PR	TRH-	2.4TO-	2.4	5.32	15	MAI	2					
24	71	H	TEH	TSH	F*0	00043	720PR	TRH-	2.4TO-	2.4	4.51	15	MAI	2					
1	72	H	TEH	TSH	F*0	00044	720PR	TRH-	2.9TO-	2.6	11.89	27	MAN	2	00022	2.20	23	MAI	2
12	72	H	TEH	TSH	F*1	00044	720PR	1BH-	1.5TO-	1.3	11.72	28	MAN	2	00022	2.65	25	MAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,MCI,SAI,SAH,SCI,VOL,VOM for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 12 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT				05/95					
			BEG	END						VOLTS	DEG	%	CH	REEL	VOLTS	DEG	%	CH	
13	72	H	TEH	1HH	F*1	00111	730CR	1BH-	1.4TO-	1.3	0.84	9	MAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.1TO-	0.1	0.73	15	SAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.1TO-	0.1	0.95	12	SAN	2					
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.0TO+	0.1	3.37	16	SAI	2					
37	72	H	TEH	TSH	F*0	00044	720PR	TRH-	2.2TO-	2.1	3.79	22	SAI	2					
1	73	H	TEH	TSH	F*0	00044	720PR	TRH-	2.9TO-	2.7	23.21	27	MAN	2	00022	3.52	25	MAI	2
12	73	H	TEH	TSH	F*1	00043	720PR	1BH-	1.2TO-	1.1	7.08	15	MAN	2	00021	1.06	17	MAI	2
15	73	H	TEH	TSH	F*1	00044	720PR	1BH-	1.4TO-	1.2	5.96	13	MAN	2	00022	0.24	15	MAI	2
17	73	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.3	0.20	40	MAN	6					
		H	TEH	TSH	F*1	00044	720PR	TRH+	0.1TO+	0.2	1.36	21	MAI	2					
18	73	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.2	0.43	23	SAN	6					
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.2TO+	0.3	1.94	12	SAI	2					
19	73	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.2	0.74	9	MAN	6					
		H	TEH	TSH	F*1	00044	720PR	TRH+	0.1TO+	0.2	2.28	19	MAI	2					
25	73	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.35	10	SAN	6					
		H	TEH	TSH	F*1	00043	720PR	TRH-	0.0TO+	0.1	1.22	18	SAI	2					
1	74	H	TEH	TSH	F*0	00046	720PR	TRH-	2.8TO-	2.2	11.21	25	MAN	2	00024	3.33	27	MAI	2
15	74	H	TEH	1HH	F*1	00112	730CR	1BH-	1.4TO-	1.3	0.65	13	MAN	6					
		H	TEH	TSH	F*1	00045	720PR	TRH+	0.1TO+	0.2	1.28	10	MAI	2					
17	74	H	TEH	TSH	F*1	00045	720PR	TRH+	0.0TO+	0.1	1.92	22	SAI	2					
19	74	H	TEH	1HH	F*2	00112	730CR	1BH-	0.5TO-	0.0	0.80	156	SAI	6					
		H	TEH	1HH	F*2	00112	730CR	1BH-	1.3TO-	1.2	0.47	18	MAN	6					
		H	TEH	2HH	F*2	00114	730CR	2BH-	2.2TO-	1.6	0.54	137	SAN	6					
		H	TEH	2HH	F*2	00114	730CR	2BH-	2.8TO-	2.7	0.20	157	MAN	6					
		H	TEH	TSH	F*2	00045	720PR	TRH+	0.1TO+	0.2	1.71	12	MAI	2					
24	74	H	TEH	1HH	F*1	00111	730CR	1BH-	1.5TO-	1.5	1.55	14	SAN	6					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.4TO-	0.3	1.59	16	SAN	2					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.5TO-	0.4	1.81	16	SAN	2					
		H	TEH	TSH	F*1	00043	720PR	TRH+	0.0TO+	0.1	3.45	17	SAI	2					
1	75	H	TEH	TSH	F*0	00045	720PR	TRH-	2.6TO-	2.4	10.13	27	MAI	2	00024	1.75	21	SAI	2
13	75	H	TEH	TSH	F*1	00045	720PR	1BH-	1.3TO-	1.2	5.80	22	SAN	2	00024	0.33	20	SAI	2
14	75	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.3	0.53	18	MAN	6					
		H	TEH	TSH	F*1	00046	720PR	TRH+	0.1TO+	0.2	1.98	10	MAI	2					
15	75	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.3	1.65	12	MAN	6					
		H	TEH	TSH	F*1	00045	720PR	TRH+	0.1TO+	0.2	2.12	10	MAI	2					
1	76	H	TEH	TSH	F*0	00048	720PR	TRH-	2.5TO-	2.4	16.02	30	MAI	2	00024	2.47	27	MAI	2
11	76	H	TEH	TSH	F*1	00046	720PR	1BH-	1.5TO-	1.3	6.13	20	SAN	2	00023	0.38	16	SAI	2
13	76	H	TEH	TSH	F*1	00046	720PR	1BH-	1.5TO-	1.4	1.75	7	SAN	2	00023	0.31	11	SAI	2
22	76	H	TEH	TSH	F*1	00046	720PR	1BH-	1.9TO-	1.8	6.98	17	MAN	2	00024	0.60	18	SAI	2

# CUMULATIVE INDICATIONS REPORT

PRAIRIE ISLAND, UNIT 2

Generator: 22

Leg.....: Hot and Cold legs

Release...: 2.2

MAI,MAN,NCI,SAI,SAN,SCI,VOL,VON for the entire length

PVN from TEH +22.6 TO TEH +23.0

Page: 13 of 13

Date: 02/27/97

Time: 14:29

ROW	COL	LEG	EXTENT		REM	REEL	PROBE	LOCATION		CURRENT					05/95				
			BEG	END						VOLTS	DEG	%	CH		REEL	VOLTS	DEG	%	CH
26	76	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.4	2.69	11	MAN	6					
		H	TEH	TSH	F*1	00046	720PR	TRH-	0.0TO+	0.0	2.90	21	MAI	2					
1	77	H	TEH	TSH	F*0	00048	720PR	TRH-	2.4TO-	2.3	12.48	26	MAN	2	00024	2.44	21	MAI	2
12	77	H	TEH	1HH	F*1	00111	730CR	1BH-	1.5TO-	1.4	1.89	17	MAN	6					
		H	TEH	RTR	F*1	00109	720PR	RTR-	0.2TO-	0.2	1.64	20	MAN	2					
		H	TEH	1HH	F*1	00110	720PR	RTR-	0.2TO-	0.2	1.98	17	MAN	2					
		H	TEH	TSH	F*1	00047	720PR	TRH-	0.0TO+	0.0	3.52	21	MAI	2					
13	77	H	TEH	TSH	F*1	00048	720PR	1BH-	1.5TO-	1.4	7.94	24	SAN	2	00024	0.64	21	SAI	2
22	77	H	TEH	TSH	F*1	00047	720PR	1BH-	1.5TO-	1.2	12.19	24	SAN	2	00023	1.24	20	SAI	2
1	78	H	TEH	TSH	F*0	00048	720PR	TRH-	2.3TO-	2.1	15.73	26	SAN	2	00024	2.07	21	SAI	2
22	78	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.27	10	SAN	6					
		H	TEH	TSH	F*1	00047	720PR	TRH-	0.0TO-	0.0	2.30	19	SAI	2					
26	78	H	TEH	TSH	F*1	00047	720PR	1BH-	1.4TO-	1.3	10.03	13	MAN	2	00023	0.65	19	MAI	2
1	79	H	TEH	TSH	F*0	00048	720PR	TRH-	2.3TO-	2.2	10.64	23	MAN	2	00024	1.64	18	MAI	2
12	79	H	TEH	TSH	F*1	00047	720PR	1BH-	1.2TO-	1.0	12.24	24	MAN	2	00023	1.06	25	MAI	2
13	79	H	TEH	TSH	F*1	00048	720PR	1BH-	1.2TO-	1.1	11.78	22	MAN	2	00024	1.04	18	MAI	2
14	79	H	TEH	TSH	F*1	00047	720PR	1BH-	1.2TO-	1.1	4.50	14	MAN	2	00023	0.31	9	MAI	2
15	79	H	TEH	1HH	F*1	00112	730CR	1BH-	1.3TO-	1.3	0.88	31	MAN	6					
		H	TEH	TSH	F*1	00048	720PR	TRH+	0.1TO+	0.2	3.14	15	MAI	2					
26	79	H	TEH	1HH	F*1	00112	730CR	1BH-	1.5TO-	1.5	1.32	17	SAN	6					
		H	TEH	TSH	F*1	00047	720PR	TRH-	0.0TO+	0.1	2.60	23	SAI	2					
1	80	H	TEH	TSH	F*0	00048	720PR	TRH-	2.3TO-	2.2	26.33	26	MAN	2	00026	1.29	32	MAI	2
9	80	H	TEH	TSH	F*1	00048	720PR	1BH-	1.2TO-	1.1	8.48	19	MAN	2	00026	0.55	14	MAI	2
13	80	H	TEH	TSH	F*1	00048	720PR	1BH-	1.2TO-	1.1	12.13	22	MAN	2	00026	1.29	19	MAI	2
1	81	H	TEH	TSH	F*0	00048	720PR	TRH-	2.3TO-	2.2	10.53	23	MAN	2	00026	2.42	20	MAI	2
22	81	H	TEH	TSH	F*1	00047	720PR	1BH-	1.5TO-	1.4	6.09	16	SAN	2	00026	0.34	20	SAI	2
1	82	H	TEH	TSH	F*0	00048	720PR	TRH-	2.3TO-	2.2	12.13	24	MAN	2	00028	0.91	15	MAI	2
1	83	H	TEH	TSH	F*0	00048	720PR	TRH-	2.3TO-	2.2	12.48	26	SAN	2	00028	0.88	14	SAI	2
12	83	H	TEH	TSH	PLG	00049	720PR	TRH-	0.1TO+	0.1	3.25	24	MAI	2					
		H	TEH	TSH	PLG	00104	720PR	TRH-	0.1TO+	0.1	3.67	27	MAN	2					
1	84	H	TEH	TSH	F*0	00050	720PR	TRH-	2.6TO-	2.4	7.93	18	SAN	2	00028	0.45	12	SAI	2
1	85	H	TEH	TSH	F*0	00050	720PR	TRH-	2.4TO-	2.3	7.18	17	SAI	2					
1	93	C	O1C	O1C	PLG	00116	720PR	O1C-	0.2TO+	0.4	1.96	125	VOL	2	00070	3.21	123	25	P1
6	94	H	TEH	TSH	F*0	00065	720PR	TRH-	2.6TO-	2.4	4.72	11	MAI	2					

NUMBER OF TUBES IN REPORT = 284

NSP

APPENDIX F

LIST OF SNUBBER INSERVICE TESTING

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## SNUBBER TESTS

Summary description of snubber visual inspection and functional testing for Prairie Island Unit 2, per Surveillance Procedure SP 2225 Rev 6, Snubber Functional Tests. The examinations were conducted by Prairie Island site personnel.

SNUBBER NO.	FUNCTIONAL TEST WRA	PI # REMOVED	PI # REPLACED	TEST RESULTS
2-AFSH-2	9607724	289	103	SAT
2-AFWH-80	9607724	292	224	SAT
2-CCH-179B	9607724	285	464	SAT
2-CCH-185A	9607724	277	304	SAT
2-CCH-185B	9607724	279	210	SAT
2-CSH-75B	9607724	391	391	SAT
2-CSH-83	9607724	357	357	SAT
2-CVCH-166	9607724	480	208	SAT
2-MSDH-20	9607724	112	121	SAT
2-M H-104A	9607724	1292	607	SAT
2-M H-107A	9607724	542	338	SAT
2-RCRH-31	9607724	293	78	SAT
2-RCRH-45	9607724	7924	566	SAT
2-RCVCH-1373	9607724	146	333	SAT
2-RCVCH-1389	9607724	114	329	SAT
2-RCVCH-1396	9607724	25	454	SAT
2-RCVCH-1513	9607724	373	117	SAT
2-RHRH-13	9607724	226	236	SAT
2-RHRH-14	9607724	74	445	SAT
2-RHRH-52	9607724	36	424	SAT
2-RHRH-54	9607724	33	312	SAT
2-RRCH-279A	9607724	553	553	SAT
21-S/G-04	9607811	SG08	SG15	SAT
22-S/G-04	9607815	SG20	SG08	SAT